

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2452/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ABYSSAL SEQUESTRATION OF NUCLEAR WASTE AND OTHER TYPES OF HAZARDOUS WASTE

(51) International classification	:G21F9/24,G21F9/34
(31) Priority Document No	:61/502557
(32) Priority Date	:29/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/045084
Filing Date	:29/06/2012
(87) International Publication No	:WO 2013/003796
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MURDOCH Lawrence C.

2)ROBINOWITZ Marvin

(57) Abstract :

A system and method of disposing nuclear waste and other hazardous waste includes means for and the steps of blending a waste stream which includes either a radioactive waste or a hazardous waste (or both) with a liquid and optionally a solid material to produce a dense fluid and pumping the dense fluid into a tubing string of an injection boring. The dense fluid then exits a perforation in a casing of the injection boring and enters a fracture in a rock strata where it continues to propagate downward until it reaches an immobilization point. The dense fluid may be a slurry formed by a metal and a cross linked polymer gel or hydrated clay slurry. The metal can be one that has a melting temperature less than the temperature at the bottom of the injection boring. The solid material could also be other nuclear waste or a radionuclide.

No. of Pages : 18 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.305/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A POWER MANAGEMENT SYSTEM AND METHOD FOR OPTIMIZING FUEL CONSUMPTION

(51) International classification :H02J9/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/AU2011/001068
Filing Date :19/08/2011
(87) International Publication No :WO 2013/026082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAYAR Chemmangot Velayudhan

(57) Abstract :

The present disclosure describes embodiments of an efficient power management system and method for fuel efficiency. The power management system comprises an energy storage unit at least one renewable energy resource a controller and an engine. The engine is configured to operate at varying speeds to provide mechanical energy to a variable speed DC generator to generate power to charge up the energy storage unit. The speed of the engine is varied in response to a speed reference determined by the controller.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.328/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ACOUSTIC TRANSFORMATION

(51) International classification :G10L21/02,G10H1/02
(31) Priority Document No :61/511275
(32) Priority Date :25/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050502
Filing Date :25/07/2012
(87) International Publication No :WO 2013/013319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PENN Gerald Bradley

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1)RUDZICZ Frank

2)HIRST Graeme John

3)VAN LIESHOUT Pascal Hubert Henri Marie

4)PENN Gerald Bradley

5)SHEIN Graham Fraser

(57) Abstract :

An acoustic transformation system and method. A specific embodiment is the transformation of acoustic speech signals produced by speakers with speech disabilities in order to make those utterances more intelligible to typical listeners. These modifications include the correction of tempo or rhythm the adjustment of formant frequencies in sonorants the removal or adjustment of aberrant voicing the deletion of phoneme insertion errors and the replacement of erroneously dropped phonemes. These methods may also be applied to general correction of musical or acoustic sequences.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3712/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : GLOBALLY OPTIMUM TRADING POSITIONS FOR MULTI-ASSET OPTIONS

(51) International classification :G06Q10/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)CHELLABOINA, Dr. Vijaysekhar
2)SUBRAMANIAN, Dr. Easwara Naga
3)BHAT, Sanjay Purushottam

(57) Abstract :

A trading position evaluation system (102) for evaluating trading positions that are globally optimum for a path-independent multi-asset European Contingent Claim (ECC) includes an option price determination module (216) configured to determine a current option price matrix, a shifted option price matrix, and a normalized conditional variance matrix associated with underlying assets of the ECC at a trading time instance amongst a plurality of trading time instances obtained from a trader, based on ECC data (110) and market data (114). Based on the current option price matrix, the shifted option price matrix, and the normalized conditional variance matrix, a position evaluation module (116) evaluates a trading position in each of the underlying assets at the trading time instance that minimizes global variance of profit and loss to the trader.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3713/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSACTION BASED PRICING

(51) International classification	:G06Q30/00, G06Q50/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KOLIYOOR, Naveen
Filing Date	:NA	2)MAHAMUNE, Nitin Anant
(87) International Publication No	: NA	3)AGARWAL, Rajesh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for transaction based pricing are described. The method comprises defining one or more transactions which include at least one sub-process. Further, units per transaction for each of the at least one sub-process is identified based on requirement data (110). Thereafter, a process complexity is assigned to the each of the at least one sub-process based on a complexity score computed for the each of the at least one sub-process. Further, a processing time is obtained for the each of the at least one sub-process based on the process complexity assigned to the each of the at least one sub-process. Further, estimated efforts for performing the one or more transactions are ascertained based on the processing time obtained for the each of the at least one sub-process. Furthermore, pricing for each of the one or more transactions is identified based on the estimated efforts.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3714/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : INFORMATION GATEWAY FOR DATA EXCHANGE

(51) International classification	:G06Q10/00, G06Q50/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)CHERUSSERI, Suresh
Filing Date	:NA	2)NAIR, Krishnakumar Gopinadhan
(87) International Publication No	: NA	3)THOMAS, Jerry
(61) Patent of Addition to Application Number	:NA	4)MISHRA, Satya
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for facilitating data exchange between various applications through an information gateway are described herein. In one implementation, a method for data exchange comprises sending a plurality of service details of a provider application to a requester application, from an application registry. A request message is received from the requester application based on the service details. The request message is transformed into a message format compatible with the provider application, based on the application registry, when an original message format of the request message is not compatible with the provider application. Further, the transformed request message is sent to the provider application.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3717/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PREFILLED SYRINGE CONTAINING ARTHEETHER

(51) International classification	:A61K49/22, A61M3/00	(71) Name of Applicant : 1)AGRAWLA, Pawan Address of Applicant :F 22, Akash Tower, Opp: Premchand Nagar, Judges Bungalows Road, Satellite, Ahmedabad, Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)AGARWAL, Zameer
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)AGRAWLA, Pawan
(61) Patent of Addition to Application Number	:NA	2)AGARWAL, Zameer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a prefilled syringe containing Arteether which is cost effective and enables contamination free administration of Arteether. The drug Arteether can support bacterial growth if it gets contaminated. The Arteether is usually administered malaria related medications when infectious contaminants can lead to other health complications. The present syringe is prefilled and does not require filling the drug from vial and so there are no chances of Arteether getting contaminated. Hence the present syringe enables contamination free administration of Arteether. The vials are not required and hence the syringes are cost effective in terms of manufacture, handling, transport as well as disposal. In addition, medical wastage is also reduced as the vials are not at all required and further are not disposed after use; only the used up syringes are disposed as medical waste.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3719/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/12/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PREFILLED LIGNOCAINE SYRINGE

(51) International classification	:A61K31/00, A61M5/19	(71)Name of Applicant : 1)AGRAWAL, Pawan Address of Applicant :F 22, Akash Tower, Opp: Premchand Nagar, Judges Bunglow Road, Satellite, Ahmedabad Gujarat India 2)AGARWAL, Zameer
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGRAWAL, Pawan
(87) International Publication No	: NA	2)AGARWAL, Zameer
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a prefilled lignocaine syringe for preserving efficiency and aseptic drug delivery. The present syringe is prefilled and so the syringe itself contains lignocaine which does not require the said drug to be filled from vial. It makes it possible to avoid contamination adding to preservation of the drugTMs efficiency. Also the dosage is administered in exact quantity. Hence the drug can be aseptically delivered.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.297/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR TREATMENT OF VISUAL IMPAIRMENT

(51) International classification :A61B3/08,A61F9/00,G02B27/00
(31) Priority Document No :61/531630
(32) Priority Date :07/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/000305
Filing Date :21/06/2012
(87) International Publication No :WO 2013/035086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)OZ Dan

(57) Abstract :

Method and system for treating of visual impairment associated with misalignment between eyes of a patient is described. The invention allows to obtain electronically of an image of an object at which one eye of the patient is staring calculating angular deviation between staring direction of this eye and the second eye and displaying before the second eye the image after it has been electronically processed so as to correct the angular deviation and to obtain the image which would be perceptible by the brain as a single three dimensional stereoscopic image.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.319/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND ASSEMBLY FOR PRODUCING A COMPOSITE CONSTRUCTION

(51) International classification :B05D1/26,F24J2/46,G01N21/35
(31) Priority Document No :11183828.0
(32) Priority Date :04/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068420
Filing Date :19/09/2012
(87) International Publication No:WO 2013/050246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BUCK Manuel

(57) Abstract :

The invention relates to a method for producing a composite construction comprising a frame or tub shaped carrier part (T) and a plate (G; 7) inserted into the carrier part and adhesively bonded to the carrier part at the edges of the plate wherein adhesive (11) is progressively discharged into a recess (5) extending along the edge of the plate from an adhesive discharging device (H; 9) advanced along the edge of the plate which recess extends from an outer edge (1) lying outside of the projection of the plate onto the carrier part to an inner edge (3) lying within the projection wherein the course of the leading front (11a) of an adhesive layer (11) forming in the recess during the progressive adhesive discharge is detected by imaging or sensory means and evaluated and the advancing speed of the adhesive discharging device and/or the adhesive discharge amount per time unit is controlled according to the evaluation result.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.436/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : RADIO BASE STATION; RADIO NETWORK CONTROLLER AND METHODS THEREIN

(51) International classification :H04B7/06
(31) Priority Document No :61/539033
(32) Priority Date :26/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/050707
Filing Date :25/06/2012
(87) International Publication No :WO 2013/048305
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :S 164 83 Stockholm Sweden
(72)Name of Inventor :
1)SHI Nianshan

(57) Abstract :

Embodiments herein relate to a method in a radio base station (12 12) for handling Uplink Closed Loop Transmit Diversity UL CLTD The radio base station (12 12) is configured to control UL CLTD of a user equipment (10) served by the radio base station (12 12). The radio base station receives from a radio network controller (15) an indication indicating removal of UL CLTD. The radio base station (12 12) then removes UL CLTD related operation for the user equipment (10) based on the received indication.

No. of Pages : 29 No. of Claims : 38

(54) Title of the invention : METHOD FOR PREVENTING SEAM RAVEL OF MULTI THREAD CHAIN STITCHES SEAM RAVEL PREVENTING APPARATUS FOR MULTI THREAD CHAIN STITCH SEWING MACHINE AND MULTI THREAD CHAIN STITCH SEAM STRUCTURE

<p>(51) International classification :D05B1/10,D05B65/02,D05B65/06</p> <p>(31) Priority Document No :2011-220511</p> <p>(32) Priority Date :13/09/2011</p> <p>(33) Name of priority country :Japan</p> <p>(86) International Application No :PCT/JP2012/073246</p> <p style="padding-left: 20px;">Filing Date :05/09/2012</p> <p>(87) International Publication No :WO 2013/039079</p> <p>(61) Patent of Addition to Application Number :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p>	<p>(71)Name of Applicant : 1)YAMATO SEWING MACHINE MFG. CO. LTD. Address of Applicant :4 12 Nishi Temma 4 chome Kita ku Osaka shi Osaka 5300047 Japan</p> <p>(72)Name of Inventor : 1)HASHIMOTO Seiji</p>
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(57) Abstract :

A method for preventing seam ravel of multi thread chain stitches is provided. After normal sewing is terminated with a looper set in a forward movement state a state in which a needle thread loop caught by the looper is subjected to position holding at a position closer to a forward movement end of the looper than a descent position of a needle is maintained until the needle descends through the needle thread loop caught by the looper. Thereafter the position holding of the needle thread loop is released to permit a sewing action for at least one stitch thereby allowing the needle thread loop to be self looped with a needle thread held by the needle. This surely strongly prevents the seam ravel of multi thread chain stitches formed by the single needle irrespective of the dimension of tension applied to the needle thread and the looper thread.

No. of Pages : 92 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.321/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : MEMS ACCELEROMETER AIRLINER TAKEOFF AND LANDING DETECTION

(51) International classification :H04W48/04
(31) Priority Document No :61/530328
(32) Priority Date :01/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052868
Filing Date :29/08/2012
(87) International Publication No :WO 2013/033218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :ATTN: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)Name of Inventor :
1)BURKE John Michael

(57) Abstract :

Identifying an airliner motion event at a mobile device may utilize for example one or more accelerometers an acceleration feature extractor and a motion event identification processor. The one or more accelerometers may be configured to output calibrated triaxial accelerometer data. The acceleration feature extractor may be configured to determine scalar acceleration signals from the calibrated triaxial accelerometer data to filter the scalar acceleration signals to reduce high frequency noise and to process the filtered scalar acceleration signals to generate an acceleration spread waveform. The motion event identification processor may be configured to compare the acceleration spread waveform to one or more predetermined patterns characteristic of an airliner motion event and to identify an airliner motion event based on whether the comparing results in a substantial match.

No. of Pages : 31 No. of Claims : 33

(54) Title of the invention : SURFACE TREATMENT SOLUTION FOR ZINC OR ZINC ALLOY COATED STEEL SHEET AND ZINC OR ZINC ALLOY COATED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C23C22/60,C23C22/74
 (31) Priority Document No :2011-201174
 (32) Priority Date :14/09/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/005792
 Filing Date :12/09/2012
 (87) International Publication No :WO 2013/038663
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)MATSUDA Takeshi
3)MATSUZAKI Akira
4)OSHIMA Yasuhide

(57) Abstract :

Provided is a zinc or zinc alloy coated steel sheet which as well as having excellent corrosion resistance and various excellent top coating properties also achieves an excellent balance of weldability conductivity and corrosion resistance without including a chromium compound. Also provided are a surface treatment solution and a manufacturing method for obtaining the zinc or zinc alloy coated steel sheet. A zinc or zinc alloy coated steel sheet characterised by comprising a surface treatment film deposited in an amount of 100 600mg/m per surface the film being obtained by coating a surface treatment solution on the surface of the zinc or zinc alloy coated steel sheet and drying by heat the surface treatment solution having a pH of 8 10 and being a mixture in a specific ratio of: a silane compound (A) having a hydrolyzable group and being obtained from a silane coupling agent (a1) having a glycidyl group a tetraalkoxysilane (a2) and a chelating agent (a3); a zirconium carbonate compound (B); a vanadic acid compound (C); a nitric acid compound (D); and water.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.442/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING TUBULAR CERAMIC STRUCTURES

(51) International classification	:B28B 7/30,B28B21/44	(71)Name of Applicant :
(31) Priority Document No	:13/223349	1)WATT FUEL CELL CORP.
(32) Priority Date	:01/09/2011	Address of Applicant :27 Seaview Boulevard Port Washington NY 11050 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/053303	1)EMLEY Benjamin J.
Filing Date	:31/08/2012	2)FINNERTY Caine M.
(87) International Publication No	:WO 2013/033510	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for producing tubular ceramic structures (11) is provided which comprises: a) rotating a mandrel spindle assembly (25) comprising a mandrel component (27) and a spindle component (23) the mandrel component (27) being a heat shrinkable polymeric tube the external surface of which corresponds to the internal surface of the tubular ceramic structure (11) to be produced and the internal surface of which defines a bore (51) the spindle component (23) being in close fitting but slidably removable contact therewith; b) applying a ceramic forming composition to the external surface of the mandrel component (27) of the rotating mandrel spindle assembly (25) to produce a tubular ceramic structure (11) the internal surface of which is in contact with the external surface of the mandrel (27); c) removing the spindle (23) from the bore (51) of the mandrel (27) to provide a mandrel tubular ceramic structure assembly (40) in which the interior surface of the tubular ceramic structure (11) remains in contact with the external surface of the mandrel (27); and d) heat shrinking the mandrel component (27 56) of the mandrel tubular ceramic structure assembly (40) to cause the mandrel (27 56) to undergo shrinkage to a reduced size in which the external surface of the mandrel (56) separates from the interior surface of the tubular ceramic structure (11) facilitating removal of the mandrel (56) therefrom.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.203/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :22/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : STAND FOR SUPPORTING A VEHICLE

(51) International classification	:B66F 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA TWO WHEELERS LIMITED
(32) Priority Date	:NA	Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART),
(33) Name of priority country	:NA	MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)EKAMBARAM MANSHA KUTTY
(61) Patent of Addition to Application Number	:NA	2)BHARTHUAR OM PRAKASH
Filing Date	:NA	3)KAMALAPURKAR MANOJ
(62) Divisional to Application Number	:NA	4)ABDUL VASEEM AKRAM
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses a spring loaded stand 10 for supporting a vehicle in a parked condition on the ground. The stand 10 is mounted on a crankcase of an engine of the vehicle and is displaceable between a retracted configuration and an extended configuration in an un-parked condition and the parked condition. The stand 10 includes a load carrying link 12, a support link 13 and a cross link 18 disposed between the load carrying link 12 and the support link 13. An operating lever 24 enables displacing the load carrying link 12 and the support link 13 between the retracted condition and the extended condition. The load carrying link 12 has a cross-sectional area greater than the cross-sectional area of the support link 13, the cross link 18 and the operating lever 24.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.410/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PROCESS FOR PREPARATION OF A TEA PRODUCT

(51) International classification :A23F3/14,A23F3/16
(31) Priority Document No :2697/MUM/2011
(32) Priority Date :23/09/2011
(33) Name of priority country :India
(86) International Application No :PCT/EP2012/066611
Filing Date :27/08/2012
(87) International Publication No :WO 2013/041329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UNILEVER PLC

Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor :

1)BASAVARAJU Lokesh

2)GUTTAPADU Sreeramulu

3)MUTAI Felix Kipkorir

4)NARAYANAN Venkatraj Venkatrao

(57) Abstract :

The present invention relates to a process of preparation of tea product with enhanced levels of theanine and low levels of aluminum. The present inventors have surprisingly found that selecting tea material with a particular shoot length during the rejuvenation stage after pruning and further processing it provides a tea product with significantly higher levels theanine and lower levels of aluminum. The present inventors have also found that additional treatment of this tea material with alkaline agent even further reduces the aluminum content.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.412/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A FORWARD CARRIER ASSEMBLY WITH A REVERSIBLE INTER AXLE DIFFERENTIAL FOR A TANDEM AXLE VEHICLE A POWERTRAIN FOR A TANDEM AXLE VEHICLE AND A TANDEM AXLE VEHICLE

(51) International classification	:B60K17/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2011/050098
Filing Date	:31/08/2011
(87) International Publication No	:WO 2013/032477
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MACK TRUCKS INC.
Address of Applicant :7900 National Service Road
Greensboro NC 27400 U.S.A.
(72)**Name of Inventor :**
1)KAHL Michael E.

(57) Abstract :

A tandem axle vehicle includes a powertrain. The powertrain includes an input shaft a forward drive axle assembly including a forward carrier assembly including a forward differential and a rear drive axle assembly coupled to the forward drive axle assembly via a connecting driveshaft and including a rear carrier assembly including a rear differential. The forward carrier assembly includes an inter axle differential (IAD) the IAD including an IAD housing a differential spider including a plurality of legs attached to the IAD housing and a plurality of spider gears mounted on the legs a first side gear engaged with the spider gears on a first side of the spider and arranged to drive a shaft for driving the driveshaft and a second side gear engaged with the spider gears on a second side of the spider and arranged to drive the forward differential.

No. of Pages : 22 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM FOR HYDRO-DYNAMIC POLISHING

(51) International classification	:B24C1/08, B24C1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLLEGE OF ENGINEERING, PUNE (COEP)
(32) Priority Date	:NA	Address of Applicant :WELLESLY ROAD, SHIVAJI
(33) Name of priority country	:NA	NAGAR, PUNE - 411005, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AHUJA BHARATKUMAR BHAGATRAJ
(87) International Publication No	: NA	2)AMRUTKAR PURUSHOTTAM MADHUKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for hydro-dynamic polishing of a work-piece includes a machine tool having a spindle, a plate assembly, a holder and rotatable tool. The spindle rotates about its own axis and moves operatively vertically. The plate assembly is secured to the spindle and moves there-with. The plate assembly includes an operatively horizontal plate secured to the spindle and at least one plate angularly extending from the horizontal plate. The holder is disposed operatively below the plate assembly and includes a fixture for facilitating holding of a work piece therein. The holder receives abrasive slurry therein. The rotatable tool is secured to the at least one plate and rotates at different angular speeds and moves with the plate assembly to define an operative configuration in which the rotatable tool is maintained at a predetermined distance from the work-piece with the work piece and the rotatable tool immersed in abrasive slurry.

No. of Pages : 29 No. of Claims : 9

(54) Title of the invention : PROCESS FOR PRODUCING TUBULAR CERAMIC STRUCTURES OF NON CIRCULAR CROSS SECTION

(51) International classification	:H01M8/12, C23C4/18, C23C24/04
(31) Priority Document No	:13/223359
(32) Priority Date	:01/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/053305
Filing Date	:31/08/2012
(87) International Publication No	:WO 2013/033512
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)WATT FUEL CELL CORP.
 Address of Applicant :27 Seaview Boulevard Port Washington NY 11050 U.S.A.

(72)Name of Inventor :
1)FINNERTY Caine M.
2)EMLEY Benjamin J.

(57) Abstract :

A process for producing tubular ceramic structures (10) of non circular cross section is provided which comprises: a) rotating a mandrel spindle assembly (45) having a non circular external cross section corresponding to the non circular internal cross section of the tubular ceramic structure (11) to be produced the mandrel spindle assembly (45) comprising a mandrel component (47) and a spindle component (43) the mandrel component (47) being a heat shrinkable polymeric tube of non circular cross section the external surface of which corresponds to the internal surface of the tubular ceramic structure (11) of non circular cross section to be produced and the internal surface of which defines a bore (71) the spindle component (43) having a non circular cross section corresponding to that of the bore (71) of the mandrel (47) and being in close fitting but slidably removable contact therewith; b) applying a ceramic forming composition to the external surface of the mandrel component (47) of the rotating mandrel spindle assembly (45) to produce a tubular ceramic structure (11) of non circular cross section the internal surface of which is in contact with the external surface of the mandrel (47); c) removing the spindle (43) from the bore (71) of the mandrel (47) to provide a mandrel tubular ceramic structure assembly (70) in which the interior surface (75) of the tubular ceramic structure (11) of non circular cross section remains in contact with the external surface of the mandrel (47); and d) heat shrinking the mandrel component (47 76) of the mandrel tubular ceramic structure assembly (70) to cause the mandrel (47 76) to undergo shrinkage to a reduced size in which the external surface (77) of the mandrel (76) separates from the interior surface (75) of the tubular ceramic structure (11) of non circular cross section facilitating removal of the mandrel (76) therefrom.

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.445/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ARRANGEMENT AND METHOD FOR ADAPTING A CRUISE CONTROL SYSTEM IN A VEHICLE

(51) International classification	:B60K31/06,B60W30/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VOLVO LASTVAGNAR AB
(32) Priority Date	:NA	Address of Applicant :S 405 08 Goteborg Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/004951	1)ERIKSSON Anders
Filing Date	:05/10/2011	2)BJERNETUN Johan
(87) International Publication No	:WO 2013/050052	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cruise control arrangement for a vehicle where the cruise control arrangement is provided with a cruise control speed function a cruise control brake function and at least one selectable economy level having a set maximum speed value corresponding to a maximum allowed vehicle speed a set brake speed value corresponding to a brake cruise speed and a set cruise speed value corresponding to a cruise speed where a temporary brake speed value replaces the set brake speed value as the actually used brake speed value and where the temporary brake speed value is dependent on the selected economy level. The advantage of the invention is that the behaviour of the cruise control of a vehicle can be adapted to take account of economy which makes it possible to optimize the fuel consumption of the vehicle.

No. of Pages : 16 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.553/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR OPTIMIZATION OF GREEN SAND COMPOSITION

(51) International classification	:B22C19/04, B29C33/38, B29C37/00	(71)Name of Applicant : 1)CHOWDHARY DEEPAK Address of Applicant :PLOT #2, GANDHINAGAR, NAGPUR - 440010, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)CHOWDHARY DEEPAK
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure envisages computer implemented systems for optimization of sand for reducing casting rejections. A foundry user can access the system via a computer network and register his/her foundry with the system. The system is enabled to provide a predicted/prescribed solution for the optimization of sand using at least a parameter relating to sand. The system is enabled to determine the parameters contributing to the casting rejections and provide a corresponding solution for reducing the rejections in the next casting batches. The system mainly includes a user interface module for enabling to the user to access and upload foundry related data into the system, a reporting module enabling the user to generate and understand the current statistics of his/ her foundry and a processing engine which enables the system to perform mathematical computation of the user queries and provide the desired predicted or prescribed solution to the user for his/her foundry.

No. of Pages : 91 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.302/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITION COMPRISING N ACETYLCYSTEINE AND/OR MICROENCAPSULATED GASTROPROTECTED LYSOZYME IN ASSOCIATION WITH PROBIOTIC BACTERIA CAPABLE OF RESTORING THE STOMACH S OWN BARRIER EFFECT WHICH IS LOST DURING THE PHARMACOLOGICAL TREATMENT OF GASTRIC HYPERACIDITY

(51) International classification	:A61K35/74,A61P1/04	(71)Name of Applicant :
(31) Priority Document No	:RM2011A000477	1)MOGNA Giovanni
(32) Priority Date	:09/09/2011	Address of Applicant :Viale Roma 13/B I 28100 Novara (NO)
(33) Name of priority country	:Italy	ITALY.
(86) International Application No	:PCT/IB2012/001741	(72)Name of Inventor :
Filing Date	:10/09/2012	1)MOGNA Giovanni
(87) International Publication No	:WO 2013/034974	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention refers to a composition comprising N acetylcysteine and/or lysozyme; or N acetylcysteine and microencapsulated gastroprotected lysozyme with probiotic bacteria for use in the pharmacological treatment of gastric hyperacidity. Said composition is capable of restoring the stomach s own barrier effect which is lost during the pharmacological treatment of gastric hyperacidity and of minimising the secondary effects due to said pharmacological treatment.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.325/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ARRANGEMENT AND METHOD FOR ADAPTING A CRUISE CONTROL SYSTEM IN A VEHICLE

(51) International classification :B60W30/14,B60K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/004479
Filing Date :06/09/2011
(87) International Publication No :WO 2013/034161
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VOLVO LASTVAGNAR AB
Address of Applicant :S 405 08 Gteborg SWEDEN.
(72)Name of Inventor :
1)ERIKSSON Anders
2)BJERNETUN Johan

(57) Abstract :

An arrangement for adapting a cruise control system in a vehicle wherein the arrangement comprises a cruise control modifier unit connected to a cruise control system where the cruise control modifier unit comprises position input means adapted to receive actual position information from a position source map input means adapted to receive road information from a map database for a predefined section ahead of the vehicle where the arrangement is adapted to modify cruise control parameters for a road section within the predefined section depending on the received position and map information. The advantage of the invention is that the behaviour of the cruise control of a vehicle can be adapted to upcoming road profile changes which makes it possible to optimize the fuel consumption of the vehicle.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADAPTER

(51) International classification	:H01R13/66	(71)Name of Applicant :
(31) Priority Document No	:GB	1)CONTROL TECHNIQUES LTD
(32) Priority Date	1203574.7	Address of Applicant :THE GRO, POOL ROAD
(33) Name of priority country	:29/02/2012	NEWTOWN, SY16 3BE U.K.
(86) International Application No	:U.K.	(72)Name of Inventor :
Filing Date	:NA	1)HOLMAN JONATHAN ROBERT
(87) International Publication No	:NA	2)WAIN RICHARD MARK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adapter is provided for adapting a Secure Digital (SD) card for use with a Smart Card reader. The adapter comprises an improved Smart Card with a memory device physically connected thereto. A controller may also be provided for use with the Smart Card reader, the controller being configured to identify whether a conventional Smart Card or an adapter that includes an SD card socket has been presented to the Smart Card reader. The controller may be arranged to control communication between the Smart Card reader and an SD card in the SD card socket and to control access to the SD card memory accordingly.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVED DISCONNECTOR ASSEMBLY

(51) International classification	:H01H3/28, H01H3/48, H01H3/32, H01H31/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PARDESHI, AJABSINGH, SHANKARSINGH
(33) Name of priority country	:NA	2)SHETYE, GANESH, R.
(86) International Application No	:NA	3)CHAUHAN, BITHI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates generally to the field of switch disconnectors. More particularly the present invention relates to an improved switch disconnector having duel termination facility. It may be used in installations such as Housing complex, Hotels, Hospitals and buildings etc. The contact carrier and pin means internally engaged with knob means; wherein said contact carrier and said spring means connected to said moving contact; wherein knob means operatively connected to said moving contact thereby completing the current path. It provides duel termination facility available to customer.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING DRIPPINGS FROM A BEVERAGE DISPENSER VIA AN EXPANSION VALVE

(51) International classification	:B65B1/04, B65B3/04, B67D1/16	(71)Name of Applicant :
(31) Priority Document No	:61/531562	1)MANITOWOC FOODSERVICE COMPANIES LLC
(32) Priority Date	:06/09/2011	Address of Applicant :2400 South 44th Street Manitowoc WI 54220 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/053968	1)BRAGG John C.
Filing Date	:06/09/2012	2)WING Harry
(87) International Publication No	:WO 2013/036644	3)PATTERSON Nicholas M.
(61) Patent of Addition to Application Number	:NA	4)NEVAREZ Roberto
Filing Date	:NA	5)HANNIFFY Paul
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A beverage system includes an ingredient module and an ingredient dispensing valve in communication with the ingredient module the ingredient dispensing valve dispensing an ingredient into a beverage container. The ingredient module comprises a housing an ingredient container disposed within the housing a first ingredient conduit disposed between the ingredient container and the ingredient dispensing valve and a pumping device that causes the ingredient to move from the ingredient container through the first ingredient conduit and through the ingredient dispensing valve under pressure.

No. of Pages : 82 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.408/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL NICOTINE DERIVATIVES

(51) International classification :C07D401/12
(31) Priority Document No :61/629387
(32) Priority Date :16/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/056333
Filing Date :11/11/2012
(87) International Publication No :WO 2013/072829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GANDHI Paresh T.
Address of Applicant :32 Lafayette Circle Totowa NJ 07512
U.S.A.
(72)Name of Inventor :
1)GANDHI Paresh T.

(57) Abstract :

Described are novel nicotine derivatives represented by general formulas (I) and (III) and salts thereof and herbicide & pharmaceutical compositions containing the same as the active ingredient. The compound and salts thereof can control annual or perennial weed growing on the land where various crops such as rice plant wheat cotton and corn grow for a wide period ranging from the pre emergence to growth in a remarkably small dose. The compounds and salts thereof can be useful as an anti microbial and anti fungal agents and also for the treatment of blood pressure skeletal muscle attention deficit disorder mental disorders schizophrenia Alzheimer disease Parkinson s disease and depression. Also described is the preparation of the nicotine derivatives having formula (I) and (III).

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.461/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD OF MAKING A WATER PURIFICATION COMPOSITION

(51) International classification	:C02F1/50, C02F1/52	(71) Name of Applicant : 1)TATA CHEMICALS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI STREET, MUMBAI-400001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAUTARAY, DEBABRATA
Filing Date	:NA	2)PARIDA, PRABHAT KUMAR
(87) International Publication No	: NA	3)LOLAGE, MAYURA
(61) Patent of Addition to Application Number	:NA	4)ANGAL, ASHWINI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of making a water purification composition and is disclosed. The method comprises of forming a chitosan solution by dissolving chitosan in an organic acid solution, adding iron oxide particles to the chitosan solution and mixing the same to obtain a mixture, adding an alkali solution to the mixture at a predetermined rate to precipitate an iron oxide-chitosan matrix is disclosed. The method further comprises of washing and drying of the precipitate, grinding the precipitate and sieving the ground precipitate to obtain granules of a desired size. A water purification composition for removal of arsenic from water is also disclosed.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ROTARY CONVERTIBLE ELECTRICAL CONTACT

(51) International classification	:H02K13/00, H01R39/64, H02K31/04	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)VIRENDER BURA
(33) Name of priority country	:NA	2)AMOL SHIRKE
(86) International Application No	:NA	3)MAYANK PATEL
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a rotary convertible contact assembly for a circuit control device. The assembly comprises a first actuator having a cavity therewithin for containing a spring therein. Further, the assembly comprises a second actuator detachably positioned at top end of the first actuator. The second actuator includes a first knob capable of being engaged with a contactor and moving in translational motion along with the contactor to push the first actuator down, and a second knob rotatably mounted thereon. The second knob rotates the first actuator in circular motion. Furthermore, the assembly includes a first stationary contact and a second stationary contact positioned on one side of the first actuator, a third stationary contact positioned on other side of the first actuator opposite, and a Z-shaped movable contact attached to the top end of the first actuator. The Z-shaped movable contact is capable of bridging any one of the first stationary contact and the second stationary contact with the third stationary contact to form normally-closed contact.

No. of Pages : 19 No. of Claims : 4

(54) Title of the invention : VIDEO SIGNAL PROCESSING APPARATUS AND VIDEO SIGNAL PROCESSING METHOD

(51) International classification :H04N13/02,G03B17/18,G03B35/08
 (31) Priority Document No :2011-193493
 (32) Priority Date :06/09/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/005345
 Filing Date :27/08/2012
 (87) International Publication No :WO 2013/035261
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SONY CORPORATION
 Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
 Japan
 (72)Name of Inventor :
1)SUDO Ichiro
2)MIMOTO Kiyoshi
3)NAGANO Hidetoshi

(57) Abstract :

[Problem] To present to a user an area in which an extreme 3D effect may appear by use of a user interface that is easy for the user to intuitively ascertain. [Solution] A left eye video signal obtained by capturing an image for the left eye or a right eye video signal obtained by capturing an image for the right eye is received as an input signal and edge extraction information indicating whether pixels of interest are an edge part or not is generated. Thereafter a binocular disparity between the left eye captured image represented by the left eye video signal and the right eye captured image represented by the right eye video signal is calculated on the basis of the left eye and right eye video signals. Thereafter one of a plurality of types of warning color that is associated with the magnitude of the calculated binocular disparity is superimposed on the pixels thereby generating a warning color image. Thereafter on the basis of the edge extraction information if the pixels of interest are the edge part the warning color image is output and otherwise the left eye or right eye video signal is output.

No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.409/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF A LIQUID FEED COMPRISING MCA AND DCA

(51) International classification :C07C51/377,C07C53/16
(31) Priority Document No :11185948.4
(32) Priority Date :20/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/070523
Filing Date :17/10/2012
(87) International Publication No :WO 2013/057125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
Address of Applicant :Stationsstraat 77 NL 3811 MH
Amersfoort Netherlands
(72)Name of Inventor :
1)NIEUWHOF Melle Rinze
2)KOOIJMAN Cornelis
3)KOELEWIJN Willem
4)VOS Hendrik Jan
5)TOLLIN Lars Magnus
6)VAN HAL Henricus Johannes Marinus Petrus

(57) Abstract :

The present invention pertains to a process for the purification of a substantially water free liquid feed comprising monochloroacetic acid dichloroacetic acid optionally acid chlorides optionally anhydrides and optionally acetic acid which comprises the steps of (a) adding water to the liquid feed so that a liquid feed is obtained comprising between 0.01 and 5% by weight of water based on the total weight of the liquid feed and (b) subsequently subjecting the liquid feed obtained in step (a) to a catalytic hydrodechlorination step by contacting it with a source of hydrogen to convert the dichloroacetic acid into monochloroacetic acid in the presence of a solid heterogeneous hydrogenation catalyst comprising one or more metals of Group VIII of the Periodic Table of the Elements deposited on a carrier.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.463/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL AMORPHOUS FORM OF TETRAKIS-(2,4-DI-T-BUTYLPHENYL)-4,4'-BIPHENYLENE DIPHOSPHONITE AND ITS PROCESS FOR PREPARATION.

(51) International classification	:C23C14/00, C08L25/12, C08L51/00, C08L51	(71) Name of Applicant : 1)SEQUENT SCIENTIFIC LIMITED Address of Applicant :116 VARDHMAN INDUSTRIAL COMPLEX, L.B.S. MARG, THANE(W), MUMBAI - 400 601, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)ARULMOLI, THANGAVEL
(33) Name of priority country	:NA	2)KAREGOUDAR, PRAKASH
(86) International Application No	:NA	3)DAS, GAUTAM KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a new amorphous form of tetrakis-(2,4-di-t-butylphenyl)-4,4-biphenylene diphosponite and a process of its preparation.

No. of Pages : 10 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.574/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PEARLESCENT PIGMENT WITH MODIFIED DENSITY OF SURFACE CAPPING FUNCTIONAL GROUPS, PROCESS FOR PRODUCING THE SAME, AND MIXTURES AND COMPOSITIONS THEREOF

(51) International classification	:C04B14/02, C04B14/20	(71)Name of Applicant : 1)SUDARSHAN CHEMICAL INDUSTRIES LTD. Address of Applicant :162 WELLESLEY ROAD, PUNE, 411001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)NIKHIL HEMANT GOKHALE
Filing Date	:NA	2)ASHOK MURLIDHAR DIGHE
(87) International Publication No	: NA	3)SOPAN MURLIDHAR MUTHE
(61) Patent of Addition to Application Number	:NA	4)OMKAR PRABHAKAR NAGARKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Inorganic pigments, particularly pearlescent pigments, with improved weathering stability in organic substrates and excellent dispersability and adhesion in coatings comprise a first protective layer comprising metal oxide and/or metal hydroxide of the metals Al, Ce, Zr, W, Mo or the combinations of the same, a second protective layer comprising silicates and/or SiO₂, and a multifunctional organic capping layer adhered to the second layer, which capping layer is prepared by addition of one or more organic coupling agents, in particular, organo silane coupling agents, substituted with a reactive functional group, for example, a primary amine, and which reactive group is partially or completely modified with a bis-reactive agent, for example, a dialdehyde or diketone, while the organic coupling agent is either hydrogen bonded to the second protective layer or is bound to the second layer by means of oxygen atom, resulting in a pigment capping layer with a modified density of surface capping (PMDSC). Mixed pigments comprising blended mixtures of the pigments with unmodified density of surface capping (PUDSC) and modified surface capping layers (PMDSCs) are also provided

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.298/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : WATER EXPANDABLE POLYMER BEADS

(51) International classification :C08J9/12,C08J9/20,C08L25/08
(31) Priority Document No :11006977.0
(32) Priority Date :26/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/003537
Filing Date :21/08/2012
(87) International Publication No :WO 2013/029757
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC)
Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi
Arabia
(72)Name of Inventor :
1)GHAMDI Ghurmallah
2)HAMDAN Mohammed
3)JANSEN Martinus Adrianus Gertrudus
4)NELISSEN Laurentius Nicolaas Ida Hubertus

(57) Abstract :

The present invention relates to a process for the emulsifier free preparation of water expandable polymer beads. The process comprises the steps of: a) providing an emulsifier free monomer composition comprising styrene and a polar comonomer comprising a carbon to carbon double bond b) prepolymerizing the monomer composition to obtain a prepolymer composition comprising styrene the polar comonomer and their copolymer c) adding an aqueous dispersion of nanoclay to the prepolymer composition to obtain an inverse emulsion d) suspending the inverse emulsion obtained by step c) in an aqueous medium to yield an aqueous suspension of suspended droplets and e) polymerizing the monomers in the droplets of the suspension obtained by step d).

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.320/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPLEX PAYMENT SYSTEM USING A PORTABLE TERMINAL AND COMPLEX PAYMENT METHOD

(51) International classification :G06Q20/24,G06Q20/06,G06Q20/32
(31) Priority Document No :10-2011-0071837
(32) Priority Date :20/07/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/005516
Filing Date :11/07/2012
(87) International Publication No :WO 2013/012200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HAREX INFOTECH INC.
Address of Applicant :3F PoongSan Bldg. 16 6 Pil Dong 2Ga
Jung gu Seoul 100 272 Republic of Korea
(72)Name of Inventor :
1)PARK Kyung Yang

(57) Abstract :

Disclosed are a complex payment system using a portable terminal and a complex payment method. According to the present invention a portable terminal such as a smartphone or a vendor server may analyze and display an optimum payment condition containing a minimum payment amount using bonus information such as card information discount information membership point information or coupon information when a user pays thus preventing personal information leakage and enabling the user to pay a minimum amount by means of his/her credit card using the bonus information.

No. of Pages : 43 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.440/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR THE AUTOMATED ANALYSIS OF TEXT DOCUMENTS

(51) International classification :G06F17/20
(31) Priority Document No :2011146888
(32) Priority Date :18/11/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2012/000945
Filing Date :16/11/2012
(87) International Publication No :WO 2013/073999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU TSENTR INNOVATSIY NATALI KASPERSKAYA
Address of Applicant :ul. 2 ya Zvenigorodskaya 13/41 8 floor
Moscow 123022 Russia
(72)Name of Inventor :
1)LAPSHIN Vladimir Anatolyevich
2)PSHEKHOTSKAYA Yekaterina Aleksandrovna
3)PEROV Dmitriy Vsevolodovich

(57) Abstract :

The invention relates to the automated analysis of text documents. When used in the development of new systems and the improvement of existing systems for checking text documents for the presence of phrases or portions of text from other documents the invention makes it possible to increase the range of existing technical means by giving rise to a comparatively fast and versatile method which makes it possible to detect expressions phrases or even passages in a document which come from other documents. The method for the automated analysis of text documents consists in: converting all electronic reference document files into a predetermined format while identifying meaningful fragments referred to as clauses in each document; saving the converted electronic reference document files in a database; converting each electronic analysis document file into a predetermined format; detecting the concurrence of clauses identified in an electronic analysis document file with clauses identified in the electronic reference document files; counting the relative number of clauses in the electronic analysis document file which coincide with corresponding clauses in each of the electronic reference document files; and comparing the relative numbers of concurrences with a predetermined threshold value for the detection of passages from any of the reference documents in the electronic analysis document file.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.602/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PACKAGED RINSE-OFF WATER SOLUTION COMPOSITION FOR PERSONAL CARE

(51) International classification	:A61K8/34, A61K8/36, A61K8/86,	(71) Name of Applicant : 1)ROHRA, PRAKASH BACHUMAL Address of Applicant :B-402, MEERA CO-OP SOCIETY, NEW LINK ROAD, OSHIWARA, JOGESHWARI (WEST), MUMBAI - 400102, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ROHRA, PRAKASH BACHUMAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosed herein is a rinse-off water solution composition comprising highly purified and disinfected Deionized water along with pH fixing agents, cleansing agents, conditioning agents, relaxing agents, fragrant agents and optionally a coloring agent. The said composition is cost effective and result oriented with many benefits to skin, hair and scalp.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.300/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : BIODEGRADABLE SEMI CRYSTALLINE PHASE SEPARATED THERMOPLASTIC MULTI BLOCK COPOLYMERS FOR CONTROLLED RELEASE OF BIOLOGICALLY ACTIVE COMPOUNDS

(51) International classification :C08G81/00,A61K9/16,C08L87/00
(31) Priority Document No :11174987.5
(32) Priority Date :22/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2012/050529
Filing Date :23/07/2012
(87) International Publication No :WO 2013/015685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INNOCORE TECHNOLOGIES B.V.
Address of Applicant :Kadijk 7d NL 9747 AT Groningen
Netherlands
(72)Name of Inventor :
1)STEENDAM Rob
2)FLIPSEN Theodorus Adrianus Cornelius
3)HIEMSTRA Christine
4)ZUIDEMA Johan

(57) Abstract :

This invention is directed to a biodegradable semi crystalline phase separated thermoplastic multi block copolymer a process for preparing said multi block copolymer a composition for the delivery of at least one biological active compound and to a method for delivering a biologically active compound to a subject in need thereof. A multi block copolymer of the invention is characterised in that: a) it comprises at least one hydrolysable pre polymer (A) segment and at least one hydrolysable pre polymer (B) segment b) said multi block copolymer having a T of 37 °C or less and a Tm of 110 250 °C under physiological conditions; c) the segments are linked by a multifunctional chain extender; d) the segments are randomly distributed over the polymer chain; e) at least part of the pre polymer (A) segment is derived from a water soluble polymer.

No. of Pages : 69 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.327/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DEVICE FOR THE TRANSDERMAL DELIVERY OF ALKALINE COMPOUNDS THAT ARE SUSCEPTIBLE TO DEGRADATION IN THEIR FREE BASE FORM

(51) International classification :A61K31/135,A61K31/137,A61K31/165
(31) Priority Document No :20110103098
(32) Priority Date :25/08/2011
(33) Name of priority country :Argentina
(86) International Application No :PCT/GB2012/052047
Filing Date :21/08/2012
(87) International Publication No :WO 2013/027052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AMARIN TECHNOLOGIES S.A.
Address of Applicant :Sanchez 2045 Ciudad Aut³noma de Buenos Aires 1416 ARGENTINA.
(72)Name of Inventor :
1)SCASSO Alejandro Fabio
2)STEFANO Francisco Jos Evaristo

(57) Abstract :

The present invention pertains generally to the field of transdermal drug delivery. More specifically the invention relates to a device for the transdermal delivery of an alkaline pharmaceutically active compound that is susceptible to degradation in its free base form (e.g. rivastigmine) that comprises an adhesive matrix layer a backing layer and a release or protective layer wherein the adhesive matrix layer comprises said pharmaceutically active compound triethylcitrate and hydrochloric acid. The invention also relates to methods of preparing such devices.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : TRANSMISSION LINE DISCONNECT DETECTION METHOD AND SLAVE STATION TERMINAL USED THEREIN

(51) International classification :H04L25/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/071885
Filing Date :26/09/2011
(87) International Publication No :WO 2013/046296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ANYWIRE CORPORATION
Address of Applicant :8 1 Shimoinden Inouchi Nagaokakyo
shi Kyoto 6170813 Japan
(72)Name of Inventor :
1)NISHIKIDO Kenji
2)HOSHI Youichi
3)ITANI Kazuo

(57) Abstract :

[Problem] To provide a transmission line disconnect detection method that can accurately detect a break in a transmission line in a control and monitoring signal transmission system that uses a transmission synchronization system in which by using a transmission clock a master station connected to a single controller is synchronized with a plurality of slave stations corresponding to a plurality of devices to be controlled and in which data is transmitted through a common data signal line and to provide a slave station terminal used therein. [Solution] A series of pulsed signals output from a master station to common data signal lines are provided with a management data region that is comprised of a plurality of pulsed signals and that differs from a control and monitoring data region which is comprised of control data signal data and monitoring data signal data. In the management data region a signal comprising specific individual data from a slave station is superimposed during an output data period in which signals comprising management control data that identifies a single slave station are superimposed and an input data period corresponding to the output data period and of the same cycle and the presence or absence of a line break is determined on the basis of the results of comparing specific individual data and comparison data.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.217/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CRYSTALLINE FORM OF LURASIDONE HYDROCHLORIDE

(51) International classification	:C07D417/14, A61K31/495, A61P25/18	(71) Name of Applicant : 1)MEGAFINE PHARMA (P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI - 400 002, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MATHAD VIJAYAVITTHAL THIPPANNACHAR
(33) Name of priority country	:NA	2)SOLANKI PAVANKUMAR VRAJLAL
(86) International Application No	:NA	3)UPPELLI SEKHAR BABU
Filing Date	:NA	4)SARODE GANESH GITARAM
(87) International Publication No	: NA	5)LANDGE SHASHIKANT BABANRAO
(61) Patent of Addition to Application Number	:NA	6)DAHLE SUNIL BHANUDAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel crystalline polymorph of Lurasidone HCl and a process for its preparation.

No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.323/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A TRPA1 ANTAGONIST AND A STEROID

(51) International classification :A61K31/505,A61K31/56,A61K31/573
(31) Priority Document No :2098/MUM/2011
(32) Priority Date :25/07/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/053738
Filing Date :23/07/2012
(87) International Publication No :WO 2013/014597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KHAIRATKAR JOSHI Neelima
2)KULKARNI Abhay
3)WALE Dinesh Pradeep
4)KADAM Anil Hari
5)BHOSALE Vikram

(57) Abstract :

The present patent application relates to a pharmaceutical composition comprising a transient receptor potential ankyrin 1 receptor (TRPA1) antagonist and a glucocorticoid.

No. of Pages : 76 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A MULTILAYER THERMO-FORMABLE FILM

(51) International classification	:C08J 5/18, B32B27/08, B32B27/06	(71) Name of Applicant : 1)BILCARE LIMITED Address of Applicant :601, ICC TRADE TOWER, PUNE 411 016, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KULKARNI SANJEEV DATTATRAY
(33) Name of priority country	:NA	2)MUKHERJEE SOMENATH
(86) International Application No	:NA	3)NAIK PRAFUL
Filing Date	:NA	4)BHANDARI MOHAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a multilayer thermo-formable film carrying an image which comprises a first layer and a base layer laminated to the first layer and its preparation. The first layer comprises a peelable carrier, a coat of an ester acrylic based primer, a metallized layer, an adhesive coat embossed with an image of a pre-determined pattern. The present disclosure also provides a multi-layer thermo-formed anti-counterfeit package.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.551/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACRYLONITRILE POLYMER COMPOSITE USING MODIFIED STARCH AND A METHOD OF PREPARATION THEREOF

(51) International classification	:C08L27/02, C08F251/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADITYA BIRLA SCIENCE AND TECHNOLOGY COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :ADITYA BIRLA CENTRE, 2ND FLOOR, C WING, S K AHIRE MARG, WORLI, MUMBAI 400025, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAHOO, ANASUYA
Filing Date	:NA	2)LODHA, PREETI
(87) International Publication No	: NA	3)PARASURAMAN, KARUPPASAMY
(61) Patent of Addition to Application Number	:NA	4)KALE, BANDU MADHUKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An acrylonitrile polymer composite suitable for fibers is disclosed. The acrylonitrile polymer composite is formed by modifying an acrylonitrile polymer with a modified starch, wherein the modified starch has a degree of substitution of at least 1.5 obtained by modifying a starch with a starch modifier with a formula R-X wherein R is six to ten membered ring of carbon. A method of making an acrylonitrile polymer composite is also disclosed.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.326/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : FILTER CARTRIDGE SYSTEM

(51) International classification :B01D46/00,B01D46/24
(31) Priority Document No :13/253307
(32) Priority Date :05/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/068841
Filing Date :25/09/2012
(87) International Publication No :WO 2013/050271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)KORI Anil

2)RIEGER Mario

3)BLOSSEY Werner

(57) Abstract :

A filter cartridge assembly and system includes a secondary filter cartridge radially nested within and radially supported by a main filter cartridge. The secondary cartridge has a flexible multi leg crown with slits which engage a receptacle in bottom end disk of the main filter element for radial support and includes a central pin projection interior to the crown that is longer and more robust than the crown extending beyond the crown to protect the crown from impact damage. The main filter cartridge bottom end disk has a plurality of axially extending spaced apart projections configured to engaged into matched pockets or gaps provided between engaging inward projections provided on an interior end face of the filter housing rotationally fixing or locking the filter housing and the main filter cartridge. The main filter cartridge includes an anti rotation housing engagement member or pin which extends through an end wall of the filter housing to the exterior of the housing indicating presence of a properly installed filter cartridge and rotatably locking position of the housing to the main filter cartridge.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.561/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DESOGESTREL

(51) International classification	:C07J11/00, C07J1/00, C07J21/00	(71)Name of Applicant : 1)LUPIN LIMITED Address of Applicant :159 CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor : 1)KARNALKAR, DABEER, RAUF 2)MAHAJAN, PRAVIN, RAGHUNATH 3)SINGH, GURVINDER, PAL 4)RAY, PURNA, CHANDRA 5)SINGH, GIRIJ, PAL
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel process for the preparation of desogestrel of formula (I), comprising reaction of 11-methylene-18a-homo-estr-4-en-17-one (II) with acetylene gas in presence of potassium tertiary butoxide and ethylenediamine and in dioxane-dimethylacetamide mixture to give crude desogestrel. The present invention further provides a process for the purification of desogestrel by crystallisation from n-heptane.

No. of Pages : 8 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.404/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : HEALD FRAME WITH A REINFORCEMENT PROFILE

(51) International classification	:D03C9/06
(31) Priority Document No	:2011/0641
(32) Priority Date	:03/11/2011
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP2012/070288
Filing Date	:12/10/2012
(87) International Publication No	:WO 2013/064355
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PICANOL

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Belgium

(72)Name of Inventor :

1)DESEYNE Joost

(57) Abstract :

Heald frame transverse element weaving machine and method wherein fastening means are provided for fastening a reinforcement profile (10) in a receiving section (9) of a transverse element (2) wherein a fastening by the fastening means is achieved by relative rotation of the reinforcement profile (10) and the receiving section (9) of the transverse element (2).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.405/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : POSITIONING DEVICE FOR USE IN A TIRE BUILDING SYSTEM AND A METHOD FOR POSITIONING A BEAD

(51) International classification :B29D30/00
(31) Priority Document No :2008819
(32) Priority Date :15/05/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050185
Filing Date :15/03/2013
(87) International Publication No :WO 2013/172702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VMI HOLLAND B.V.
Address of Applicant :Gelriaweg 16 NL 8161 RK Epe
Netherlands
(72)Name of Inventor :
1)SLOT Marco
2)VAN LAAR Gerardus Johannes Catharina

(57) Abstract :

The invention relates to a positioning device (30) for use in a tire building system and a method for positioning a bead (11). The device comprises a holding unit (31) comprising a substantially planar holding surface (32) having a first side (34) a transport unit (40) movable parallel to the holding surface and comprising a gripper (41) for gripping the bead and moving the gripped bead substantially along the holding surface and a bead retainer (41 43) arranged for at least temporarily retaining the bead in abutment against the holding surface at the first side thereof. The gripper is moveable between a first position in which the gripper projects at least partially out of the holding surface at the first side thereof for gripping the bead and a second position in which the gripper is completely arranged behind the holding surface as viewed from the first side.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.314/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : PIPERAZINE THIAZOLE DERIVATIVES USEFUL IN THE TREATMENT OF TAUOPATHIES SUCH AS ALZHEIMER S DISEASE

(51) International classification :C07D285/08,C07D417/04,C07D417/12
(31) Priority Document No :11177742.1
(32) Priority Date :17/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066136
Filing Date :17/08/2012
(87) International Publication No :WO 2013/024168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)REMYND NV
Address of Applicant :Gaston Geenslaan 1 B 3001 Leuven Belgium.
(72)Name of Inventor :
1)GRIFFIOEN Gerard
2)CECERE Giuseppe
3)NETTEKOVEN Matthias
4)PRINCEN Katrien
5)RATNI Hasane
6)ROGERS EVANS Mark
7)VIFIAN Walter

(57) Abstract :

The present invention relates to a compound of formula (IA) wherein G is lower alkyl; lower alkyl substituted by one or more halogens; cycloalkyl; tetrahydropyran 4 yl; phenethyl; phenethyl substituted by one or more halogens; phenoxyethyl; phenoxyethyl substituted by one or more halogens; benzyloxyethyl; benzyloxy ethyl substituted by one or more halogens; or is NRR; R is hydrogen or lower alkyl; R is lower alkyl; tetrahydropyran 4 yl; CH cycloalkyl; or cycloalkyl optionally substituted by lower alkyl substituted by one or more halogens; or Rand R form together with the N atom to which they are attached a heterocycloalkyl group with 4 or 5 carbon atoms which is optionally substituted by one or more substituents selected from halogen; or lower alkyl substituted by one or more halogens; X is CH or (CH) ; Ar is phenyl or pyridinyl; R is halogen; lower alkyl; lower alkyl substituted by one or more halogens; or lower alkoxy; n is 1 or 2; or to a pharmaceutically active salt thereof to a stereoisomeric form including an individual diastereoisomer or enantiomer of the compound of formula (IA) as well as to a racemic or non racemic mixture thereof. The present invention also relates to the use of a compound of formula (IA) for treating certain neurodegenerative disorders characterized by cytotoxic TAU misfolding and/or aggregation.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.569/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MODULAR TERMINAL HOLDER

(51) International classification	:H01H50/14, H01R31/08, H01H50/00, H01H9/	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)ADITYA SONI
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a terminal connector for a switching device. The terminal connector enables a user to change termination type i.e. standard termination, rear termination, box type and tunnel or plug in type easily by operating a snap fit, and without the need of changing the entire switching device. Further, the terminal connector of the present invention also keeps sufficient clearance between a live terminal (and live metal part) to another live parts or ground.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.570/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BOX TERMINAL FOR LOW VOLTAGE CIRCUIT BREAKER

(51) International classification	:H01H33/66	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ADITYA SONI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a box terminal assembly for low voltage circuit breaker. The box terminal assembly includes a hollow housing having a front surface, a rear surface, two side surface, a top surface and a bottom surface, the front surface and the rear surface having front cuts provided thereon for increasing terminal ground clearance. A flare provided on inner side of the bottom surface of the hollow housing for holding the hollow housing in the circuit breaker. Further, a clamp is adapted on upper portion of the rear surface for tightening a cable terminal to the circuit breaker. Furthermore, an opening is configured on inner side of the bottom surface for riveting the clamp. Also, a screw is configured on the top surface to transfer tightening force to the clamp and a first locking means provided on the sides of the housing for providing strength to the housing.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.591/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TECHNIQUE OF IDENTIFYING LEAKAGE THROUGH AUTOMOTIVE BODY

(51) International classification	:G01N29/04, G01L3/24, G01N29/26,	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PRAKASH KESHVRAO SONAWANE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system of identifying leakage through automotive body. The said system comprises a device made of plastic dust container with an inlet air pipe for supplying pressurized air inside for forcing out dust through a nozzle. A flexible cover to create temporary chamber to suit body shape at localized area with said Nozzle in side the said cover for dispersing dust. The arrangement is such that When air blast is given in dust container through air pipe, due to air pressure, dust comes out through nozzle and starts spreading on localized restricted area due to flexible cover over the said nozzle and if any leakage comes out of the automotive body in the form smoke.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.317/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : NEW ABUSE RESISTANT PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OPIOID DEPENDENCE

(51) International classification :A61K9/00,A61K31/485
(31) Priority Document No :61/536180
(32) Priority Date :19/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2012/052303
Filing Date :18/09/2012
(87) International Publication No :WO 2013/041851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)OREXO AB

Address of Applicant :PO Box 303 SE 751 05 Uppsala
Sweden

(72)Name of Inventor :

1)FISCHER Andreas

(57) Abstract :

There is provided pharmaceutical compositions for the treatment of e.g. opioid dependency comprising microparticles of a pharmacologically effective amount of buprenorphine or a pharmaceutically acceptable salt thereof in associative admixture with particles comprising a weak acid or particles comprising weakly acidic buffer forming materials. The composition may further comprise a disintegrant and/or particles of a pharmacologically effective amount of naloxone or a pharmaceutically acceptable salt thereof. The compositions are useful in the treatment of opioid dependency/addiction and/or pain.

No. of Pages : 48 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.421/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : FUEL CELL ASSEMBLY

(51) International classification :H01M8/02,H01M8/10
(31) Priority Document No :1116275.7
(32) Priority Date :21/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052324
Filing Date :20/09/2012
(87) International Publication No :WO 2013/041867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTELLIGENT ENERGY LIMITED
Address of Applicant :Charnwood Building Holywell Park
Ashby Road Loughborough Leicestershire LE11 3GB U.K.
(72)**Name of Inventor :**
1)COLE Jonathan
2)KIRK Christopher James
3)CONLON Christopher
4)HOOD Peter David

(57) Abstract :

The invention relates to fuel cell assemblies and in particular to improvements relating to sealing of such assemblies embodiments of which include a fuel cell assembly (200) comprising a membrane electrode assembly (104) a cathode separator plate (208) having a series of corrugations extending and providing air flow paths between first and second opposing edges of the plate a gasket (105) providing a fluid seal around a peripheral edge of the membrane electrode assembly (104) between the separator plate (208) and the membrane electrode assembly (104) and a metal shim (107) disposed between the gasket (105) and the separator plate (208) over the peripheral edge of the membrane electrode assembly (104).

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.554/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ANTI-COUNTERFEIT PACKAGING

(51) International classification	:B32B15/08, C08F251/00	(71) Name of Applicant : 1)BILCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :601, ICC TRADE TOWER, PUNE 411
(32) Priority Date	:NA	016, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KULKARNI SANJEEV DATTATRAY
Filing Date	:NA	2)MUKHERJEE SOMENATH
(87) International Publication No	: NA	3)NAIR PRAFUL
(61) Patent of Addition to Application Number	:NA	4)BHANDARI MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a multilayer cold-formable film carrying an image which comprises a first layer and a base layer laminated to the first layer and its preparation. The first layer comprises a peelable carrier, a coat of an ester acrylic based primer, a metallized layer, an adhesive coat embossed with an image of a predetermined pattern. The present disclosure also provides a multi-layer cold-formed anti-counterfeit package.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SOLAR POWER GENERATION SYSTEM

(51) International classification	:F03G6/02, F24J2/04, F24J2/10, F24J2/24,	(71) Name of Applicant : 1)THERMAX LIMITED Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JOSHI YASHAVANT
(33) Name of priority country	:NA	2)PATKI ANIL
(86) International Application No	:NA	3)SHAIKH ABID
Filing Date	:NA	4)DUBAL VILAS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solar power generation system is disclosed. The solar power generation system includes at least one primary reflector assembly, at least one receiver assembly, at least a pair of support structures and a tracking mechanism. The at least one primary reflector assembly facilitates concentration of solar radiations at a focal point. The at least one primary reflector assembly includes a parabolic plate, a plurality of tubes and at least one reflector. The parabolic plate has a plurality of grooves configured thereon. The plurality of tubes is disposed in the plurality of grooves in a manner that at least some portion of at least some of the plurality of tubes protrudes above the parabolic plate. The at least one reflector is secured on at least some of the plurality of tubes for achieving parabolic curvature.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.434/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : METAL MATERIAL FOR ELECTRONIC COMPONENTS AND METHOD FOR PRODUCING SAME

(51) International classification:C25D7/00,B32B15/01,B32B15/04
(31) Priority Document No :2011-205371
(32) Priority Date :20/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073095
Filing Date :10/09/2012
(87) International Publication No :WO 2013/042572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JX Nippon Mining & Metals Corporation
Address of Applicant :6 3Otemachi 2 chomeChiyoda ku
Tokyo 1008164 Japan
(72)Name of Inventor :
1)SHIBUYAYoshitaka
2)FUKAMACHIKazuhiko
3)KODAMAAtsushi

(57) Abstract :

Provided are: a metal material for electronic components which has low insertion/removal resistance low occurrence of whiskers and high durability; and a method for producing the metal material for electronic components. A metal material (10) for electronic components which is provided with: a base (11); a layer A (14) that constitutes the outermost layer of the base (11) and is formed of Sn In or an alloy of these elements; and a layer B (13) that is arranged between the base (11) and the layer A (14) so as to constitute an intermediate layer and is formed of Ag Au Pt Pd Ru Rh Os Ir or an alloy of these elements. The outermost layer (the layer A (14)) has a thickness of 0.002 0.2 μm and the intermediate layer (the layer B (13)) has a thickness of 0.001 0.3 μm .

No. of Pages : 103 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR OPTIMAL EMERGENCY COMMUNICATION

(51) International classification	:G08B25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANAND SUNDARARAJ
(32) Priority Date	:NA	Address of Applicant :HARI SNEHA APARTMENT, FLAT
(33) Name of priority country	:NA	NO. 18, BEHIND JADHAV HOSPITAL, ANAND NAGAR,
(86) International Application No	:NA	DEOLALI GAON, NASIK ROAD -422101, MAHARASHTRA,
Filing Date	:NA	INDIA
(87) International Publication No	: NA	2)RAJESH SUDHAKAR THAKUR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANAND SUNDARARAJ
(62) Divisional to Application Number	:NA	2)RAJESH SUDHAKAR THAKUR
Filing Date	:NA	

(57) Abstract :

This invention relates to automatic delivery of messages; particularly to provide delivery of messages as a single instance message in which the user has the greatest probability of successful transmittance of the emergency message in one single instance of transmission.

No. of Pages : 91 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2393/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR EVALUATING THE AMOUNT OF TRITIUM ABSORBED BY A PERSON AFTER EXPOSURE TO AN ENVIRONMENT CONTAINING TRITIUM WITHOUT DRAWING BODY FLUID

(51) International classification :G01T1/178
(31) Priority Document No :1155905
(32) Priority Date :30/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/062410
Filing Date :27/06/2012
(87) International Publication No :WO 2013/000933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)COMMISSARIAT L'ENERGIE ATOMIQUE ET AUX
ENERGIES ALTERNATIVES**
Address of Applicant :25 rue Leblanc Btiment Le Ponant D F
75015 Paris France
(72)Name of Inventor :
1)DOUCHE Christophe

(57) Abstract :

The invention relates to a method for evaluating the amount of tritium absorbed by a person exposed to an environment having a tritium atmosphere. The invention can be used in particular in the dosimetric monitoring of tritium in persons exposed during the activities thereof to an environment including a significant amount of tritium such as in the case of the nuclear industry.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.542/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : URINE ANALYSIS

(51) International classification	:G01N21/78	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ABHISHEK SEN
(32) Priority Date	:NA	Address of Applicant :ARPAN, PLOT NO.12, TRIMBAK
(33) Name of priority country	:NA	NAGAR, OFF JAI BHAVANI ROAD, NASHIK ROAD,
(86) International Application No	:NA	NASHIK - 422101 Maharashtra India
Filing Date	:NA	2)AMAN MIDHA
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ABHISHEK SEN
Filing Date	:NA	2)AMAN MIDHA
(62) Divisional to Application Number	:NA	3)SHAAKIR. M
Filing Date	:NA	

(57) Abstract :

The invention provides a system and method for testing of a body fluid sample using a diagnostic instrument. In an embodiment, the invention is implemented as an application running on a portable device, such as a cell phone, computer, laptop, or other dedicated portable electronic device. The invention has been designed to minimize user contact and manipulations of data in the fluids.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.598/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PROCESS FOR OBTAINING HIGH PURITY ANACARDIC ACIDS FROM CASHEW NUT SHELL LIQUID

(51) International classification	:B01D11/0492	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CHEMICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, MUMBAI - 400001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KYATANAHALLI, NAGABHUSHANA SRINIVASA
(87) International Publication No	: NA	2)NAGARKAR, RAHUL ANAND
(61) Patent of Addition to Application Number	:NA	3)DAPURKAR, SUDHIR EKNATH
Filing Date	:NA	4)KUMAR, RAJIV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for obtaining high purity anacardic acids from cashew nut shell liquid is disclosed. The process comprises preparing a solution of the cashew nut shell liquid in an alcohol, preparing an aqueous solution of a carboxylate salt of transition metal(II), reacting the solution of cashew nut shell liquid with the aqueous solution of carboxylate salt of transition metal(II) to obtain transition metal(II) derivative of anacardic acids. The process further describes-the regeneration of anacardic acids using acetic acid followed by separation of the generated anacardic acids to obtain the anacardic acids.

No. of Pages : 17 No. of Claims : 9

(54) Title of the invention : LIP RING SEAL

(51) International classification :F16L23/22,F16J15/10,G01F1/58 (31) Priority Document No :10 2011 081 491.4 (32) Priority Date :24/08/2011 (33) Name of priority country :Germany (86) International Application No :PCT/EP2012/066399 Filing Date :23/08/2012 (87) International Publication No :WO 2013/026898 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)ENDRESS+HAUSER FLOWTEC AG Address of Applicant :Kgenstrasse 7 CH 4153 Reinach (BL) Switzerland (72) Name of Inventor : 1)B.,,HR G¹/₄nther 2)VOIGT Frank
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(57) Abstract :

Lip ring seal (1) with two legs (2 3) connected to one another in an L shape by the body of the lip seal ring (1) wherein a first leg (2) is delimited from the exterior by an extent (4) wherein the first extent (4) is part of a generated surface about an axis of rotation (6) of the lip ring seal (1) wherein the first leg (2) lies between the first extent (4) and the axis of rotation (6) and wherein a second leg (3) is delimited from the exterior by a second extent (5) which first and second extents (4 5) are connected to one another via a connection contour wherein an intersection point (7) of a first and a second straight line respectively forming extensions of the first and second extents (4 5) forms a vertex of a triangle wherein the respective endpoints (8 9) of the first and second extents (4 5) form additional vertexes of said triangle wherein the lip ring seal (1) is designed in such a manner that the surface area of the cross sectional area of the body of the lip ring seal is at least 60% of the surface area of the triangle wherein the surface of the lip ring seal (1) in the triangle is non concave more particularly convex.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.308/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMPROVEMENTS RELATING TO FABRIC CONDITIONERS

(51) International classification :C11D1/835,C11D1/72,C11D3/12
(31) Priority Document No :11179738.7
(32) Priority Date :01/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064963
Filing Date :31/07/2012
(87) International Publication No :WO 2013/029904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UNILEVER PLC

Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor :

1)MERRINGTON James

(57) Abstract :

Use of a foam quench active in a fabric treatment composition to improve foam quench properties wherein the fabric treatment composition comprises: (a) a fabric treatment active in an amount of from 5 to 50 wt % based on the total weight of the composition and (b) an antifoam; and wherein the foam quench active is an alkoxyated non ionic surfactant having an average alkoxylation value of from 4 to 50 and a ClogP of from 3 to 8.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.413/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : REMOVABLE DENTAL IMPLANT BRIDGE SYSTEM

(51) International classification :A61C8/00,A61C13/225
(31) Priority Document No :61/522038
(32) Priority Date :10/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050298
Filing Date :08/08/2012
(87) International Publication No :WO 2013/021386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KAMIL TECH LTD.
Address of Applicant :Wickhams Cay II Road Town Tortola
Virgin Islands U.K.
(72)**Name of Inventor :**
1)BERGER Uzi

(57) Abstract :

A removable dental implant bridge system configured for rigid detachable mounting of an implant removable bridge over a mini support bar which in turn is configured for fixedly securing to the jaw bone of an individual in a fashion facilitating fast and easy mounting yet fixedly supporting the implant removable bridge so as to obtain a sturdy and secure engagement to the mini support bar and however suited for easy removal wherein the mini support bar is substantially received with a teeth mimicking portion of the implant removable bridge and where the mini support bar is configured with scalloping at least at a labial face and a bottom face thereof.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.482/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COSMECEUTICAL COMPOSITION

(51) International classification	:A61K6/00, A61Q17/00, A61K8/92, A61Q19/0	(71) Name of Applicant : 1)DEWAN MOHAN Address of Applicant :MOHAN VILLA, 1147-B, SHIVAJI NAGAR, PUNE-411 016, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DEWAN MOHAN
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a cosmeceutical composition containing one or more botanicals selected from the group consisting of Aloe vera (Aloe barbadensis), Turmeric (Curcuma longa), Cucumber (Cucumis Sativus) and Avocado (Persea Americana); and optionally, one or more pharmaceutically acceptable excipient. The amount of the botanicals used in the cosmeceutical composition of the present disclosure ranges between 1 and 99% with respect to the total mass of the composition.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.595/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A RAKING MACHINE

(51) International classification	:A01D78/00, A01D78/12	(71) Name of Applicant : 1)PATEL SURESHBHAI NAROTAMBHAI Address of Applicant :POST - KEVADA, TALUKA - VALSAD, DIST, - VALSAD, GUJARAT - 396001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)PATEL SURESHBHAI NAROTAMBHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A raking machine comprising: at least a wheel in order to provide mobility to said machine; plurality of lugs on said wheel at its outer circumference, said lugs adapted to induce raking on the ground on which said wheel moves; drive mechanism adapted to impart drive to said wheel; and a raking tool adapted to be located in a parallel manner to said first shaft in order to induce raking on the on the ground on which said wheel moves.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1028/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM, CONTROL METHOD, AND STORAGE MEDIUM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)CANON KABUSHIKI KAISHA
(32) Priority Date	055858	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:13/03/2012	OHTA-KU, TOKYO Japan
(86) International Application No	:Japan	(72)Name of Inventor :
Filing Date	:NA	1)KAWAKAMI, SHUHEI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooperation server executes printing processing of a document from an MFP through a printing server based on matter information including a printing instruction for the document received from a matter management server. The cooperation server notifies the client PC of the printing order that includes the printing ID and access information used for registering the costs related to the printing after completion of printing, provides a registering screen for costs related to printing by reason of the access from the client PC, and registers the costs registering information received from the client PC on the matter management server.

No. of Pages : 137 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1535/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROVIDING A BEAMFORMED PHYSICAL DOWNLINK CONTROL CHANNEL (PDCCH) ON AN EXTENSION CARRIER OF A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W72/04
(31) Priority Document No :1112752.9
(32) Priority Date :25/07/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2012/069523
Filing Date :25/07/2012
(87) International Publication No :WO 2013/015445
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)AWAD Yassin Aden

2)MARUTA Yasushi

3)SATO Toshifumi

(57) Abstract :

A communication system is presented in which a base station is provided for communicating with a plurality of mobile communication devices in a cellular communication system. The base station operates one of more communication cells and communicates subframes with each of the plurality of communication devices within the cell(s) each comprising the communication resources of a control region for communicating a control channel and the communication resources of a data region for communicating a respective data channel. The base station communicates a control channel having a first DMRS sequence in a control region of some subframes and a control channel having a second DMRS sequence in a control region of other subframes. The second control channel may be transmitted in a radio beam focussed spatially in a direction of a communication device. The first control channel may be transmitted omnidirectionally throughout the cell(s).

No. of Pages : 62 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ENCODER SERVOMOTOR AND MOTOR UNIT

(51) International classification :G01D5/38,G01D5/347
(31) Priority Document No :2010197010
(32) Priority Date :02/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069949
Filing Date :01/09/2011
(87) International Publication No :WO 2012/029927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)SUZUKI Koji

(57) Abstract :

Provide are an encoder, a servomotor, and a motor unit that are capable of increasing design freedom. An encoder (100) is provided with a disk (110) having a first and a second track (TA, TB) in which a first and a second rotating grating (LA, LB) are respectively formed. The encoder (100) is further provided with a first and a second detection unit (130A, 130B): that are positioned so as to face the first and second tracks (TA, TB); that respectively have a first fixed grating for configuring the first rotating grating (LA) and a first diffraction interference optical system, and a second fixed grating for configuring the second rotating grating (LB) and a second diffraction interference optical system; and that respectively detect a first and a second detection signal from the first and second detection signal from the first and second diffraction interference optical systems. At least one of either the first or the second rotating gratings (LA, LB) is formed by a curve-shaped plurality of curved slits (SL).

No. of Pages : 63 No. of Claims : 14

(54) Title of the invention : SCHNEIDWERKZEUG ZUM EINSTECHEN UND STECHDREHEN

(51) International classification :B23B27/04,B23B29/04
 (31) Priority Document No :10 2010 038 878.5
 (32) Priority Date :04/08/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/063387
 Filing Date :03/08/2011
 (87) International Publication No :WO 2012/017018
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)SEVDIC Nebojsa
2)STEMMER Uwe
3)KRESSEL Heinz

(57) Abstract :

Die Erfindung betrifft ein Schneidwerkzeug (1) zum radialen und axialen Einstechen und zum seitlichen Verfahren zum sogenannten Stechdrehen von hauptsächlich metallischen Werkstoffen mit einem Klemmhalter (2) und einer am Klemmhalter (2) befestigten Schneidkrperunterlage (3) auf der ein Schneidkrper (6) aufliegt der von einem Spannfinger (4) einer Spannpratze (5) auf die Schneidkrperunterlage (3) gedr¼ckt wird wobei der Schneidkrper (6) auf der Schneidkrperunterlage (3) ¼ber ein Prisma gef¼hrt ist. Damit mit dem Schneidwerkzeug (1) auch seitliche Drehbearbeitungen durchzuf¼hren sind ohne dass sich der Schneidkrper (6) aus seinem Sitz herausdrehen kann wird vorgeschlagen dass der Schneidkrper (6) auf seiner zum Spannfinger (4) gewandten ebenen Oberflche zwei entgegengesetzt geneigte ebene rechteckige Dachschrgen (7) in der Art eines Sattel oder Giebeldachs eines Hauses aufweist die sich ausgehend von der Oberflche in den Schneidkrper (6) hinein erstrecken und der Spannfinger (4) an seiner zum Schneidkrper (6) gewandten Unterseite zwei an die Dachschrgen (7) angepasste Rampen (8) aufweist.

No. of Pages : 15 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1614/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR CENTRALIZING EVENTS FOR A MULTILEVEL HIERARCHICAL COMPUTER MANAGEMENT SYSTEM

(51) International classification :H04L12/24
(31) Priority Document No :1056830
(32) Priority Date :27/08/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/064771
Filing Date :26/08/2011
(87) International Publication No :WO 2012/025631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ROSSIGNEUX Valrian

(57) Abstract :

The present invention relates to a method for centralizing events for a multilevel hierarchical computer management system said system comprising a plurality of source equipment generating events and a plurality of event collectors per level said method comprising the steps of: selecting by an upper level collector a lower level collector according to operational parameters and/or a link quality of service of said lower level collector; receiving by said collector the events from said selected lower level collector; periodically verifying if the selected collector is available and if not repeating the selection step; and comparing by said upper level collector its events with those from the unselected lower level collectors and receiving from one of these unselected lower level collectors the events that are different.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1615/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : POWER SAVINGS BY LIMITING USE OF ADVANCED SIGNAL PROCESSING

(51) International classification :H04W52/02
(31) Priority Document No :61/378884
(32) Priority Date :31/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049436
 Filing Date :26/08/2011
(87) International Publication No :WO 2012/030665
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

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1)MOHSENI Jafar
2)OSHEA Helena Deirdre
3)STANCER William

(57) Abstract :

Systems methods and devices are described for power saving techniques in wireless communication devices. A signal quality metric of a received wireless signal may be monitored. A determination is made when the signal quality metric exceeds a threshold quality level for a time period. A subset of the signal processing functionality may be de activated responsive to the determination. There may be different thresholds depending on whether the wireless communication device is in idle or connected mode. There may also be different thresholds for various signal processing algorithms. Other aspects embodiments and features are also claimed and described.

No. of Pages : 57 No. of Claims : 79

(54) Title of the invention : METHOD FOR SYNTHESIZING A MATERIAL IN PARTICULAR DIAMONDS BY CHEMICAL VAPOR DEPOSITION AS WELL AS DEVICE FOR APPLYING THE METHOD

(51) International classification :C23C16/27,C23C16/52,C23C16/30

(31) Priority Document No :BE2010/0472

(32) Priority Date :30/07/2010

(33) Name of priority country :Belgium

(86) International Application No :PCT/EP2011/063255

Filing Date :01/08/2011

(87) International Publication No :WO 2012/013824

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TELLEZ OLIVA Horacio

(57) Abstract :

The invention relates to a method for synthesizing a material by chemical vapor deposition (CVD) according to which plasma is produced in the vicinity of a substrate in a vacuum chamber and according to which a substance containing carbon and H is introduced into the chamber so as to produce a gas in the chamber said gas including substances containing reactive carbon atoms in the form of radicals or an unsaturated molecule from which the synthesis of said material will be carried out wherein the electromagnetic absorption and inelastic scattering spectra of the solid material to be synthesized are used to collect from said spectra the absorption frequencies which contribute to the reactions leading to the formation of the solid material to be synthesized and energy beams are produced in the form of a photon beam having amounts of energy said energy being predetermined by each of the frequencies corresponding to said absorption and elastic scattering frequencies said photon beam being injected into the plasma wherein for energy states of the solid material said photons having the energy corresponding to said energy states are absorbed by said substance containing reactive carbon atoms.

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1730/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CEILING FAN

(51) International classification :F04D25/08
(31) Priority Document No :2010198469
(32) Priority Date :06/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004953
Filing Date :05/09/2011
(87) International Publication No :WO 2012/032755
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)IWAMOTO Kiyohiko

(57) Abstract :

A ceiling fan has a suspension section a pipe section and a body. The body is provided with a connection section. The upper part of the connection section has a connection hole. The lower part of the pipe section has a pipe hole. The connection section is inserted into the pipe section. The ceiling fan is also provided with a bolt and a nut the bolt being inserted into the connection hole and the pipe hole. The bolt comprises a thread section and a head section. The head section has a curved surface conforming to the shape of the outer peripheral section of the pipe section. The head section has a head direction guide section for guiding the direction of the curved surface so that the curved surface is affixed by the nut so as to be in contact with the outer peripheral section.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1056/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ADAPTIVE MEDIA CONTENT SCRUBBING ON A REMOTE DEVICE

(51) International classification :H04N7/24
(31) Priority Document No :61/378904
(32) Priority Date :31/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049390
Filing Date :26/08/2011
(87) International Publication No :WO 2012/030655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)ALSINA Thomas Matthieu

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3)CANNISTRARO Alan C.

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5)JAWA Amandeep

6)KING Nicholas V.

7)NEWMAN Lucas

8)PRESTON Daniel Trent

9)CHULANI Jai

10)ROBBIN Jeffrey

(57) Abstract :

Systems and techniques are disclosed for controlling from a mobile device media content stored on the mobile device to a media client for presentation on a display device. Data can be provided from the mobile device to the media client for identifying the location of the media content and a playback time. Based on the data the media client can obtain a portion of the media content associated with the playback time. Also playback of the media content on the display device can be controlled by a user of the mobile device.

No. of Pages : 43 No. of Claims : 27

(54) Title of the invention : APPARATUS FOR SIGNALING THE SWITCH POSITION OF A LOWVOLTAGE SWITCH

(51) International classification	:b60d	(71) Name of Applicant :
(31) Priority Document No	:12160472.2	1)ABB SCHWEIZ AG
(32) Priority Date	:21/03/2012	Address of Applicant :BROWN BOVERI STRASSE 6, CH-
(33) Name of priority country	:EPO	5400 BADEN Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WENTZLER, FRANK
(87) International Publication No	: NA	2)DEROO, HARM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The apparatus (V) is used for signaling the switch position of a low-voltage switch (S). It has a release (30), which can be positioned mechanically in terms of the function of the switch position, and an auxiliary switch, which is controlled by the release (30) and, when opened or closed, in a signal circuit containing the auxiliary switch, results in the formation of an electrical signal signaling the switch position. The release (30) contains a magnetic field transducer (36) which is connected to a moveable switching piece (22) of the low-voltage switch and which interacts with a sensor module (40) forming the auxiliary switch. In order to achieve a high degree of operational reliability of the signaling apparatus (V) and in order to facilitate retrospective installation thereof into the switch (S), the sensor module (40) is fastened on an operating side (11), remote from the installation side, of the switch (S), the release (30) has a plate-shaped sliding element (32) of a sliding guide, either the magnetic field transducer (36) is arranged on the sliding element (32) or the magnetic field transducer forms the sliding element, and the sliding element (32) is mounted moveably along a guide path (33) formed into the inner faces of the two housing halves in the region of the operating side (11).

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR REASSIGNING THE ROLE OF A WIRELESS NODE IN A WIRELESS NETWORK

(51) International classification :H04W84/18
(31) Priority Document No :10175481.0
(32) Priority Date :06/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064909
Filing Date :30/08/2011
(87) International Publication No :WO 2012/031945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REICHENBACH Frank

(57) Abstract :

The invention is a method for maintaining network lifetime of a wireless network in wireless communication system said network comprising a plurality of device nodes (A C Q N). Selected ones of the wireless nodes (A B C) have assigned roles (1 2 3 GW) in the wireless network. To improve and maintain network lifetime the method comprises determining (4 14 24) a below threshold operating condition of a first sensor node (A) assigned to a first role (1) and re assigning (5 19 29) the first role to another second node (Q) in said network. In other aspects of the invention a method system and a computer program for carrying out the method are described.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1736/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CHARGING MEMBER METHOD FOR PRODUCING SAME PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC DEVICE

(51) International classification :G03G15/02
(31) Priority Document No :2010178735
(32) Priority Date :09/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003744
Filing Date :30/06/2011
(87) International Publication No :WO 2012/020534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)KURODA Noriaki

(57) Abstract :

Provided is a charging member having a high specific permittivity and a small surface free energy and capable of maintaining the high specific permittivity for a long period of time. Also provided are a process cartridge which is effective in increasing printing speed and the life of an electrophotographic device and an electrophotographic device. A charging member having a support body an elastic layer and a surface layer wherein the surface layer is a cured coating agent layer containing the reaction product of a hydrolytic silane compound and titanium oxide particles having 0.7 to 35 mass % of a hydroxyl group on the surface. An electrophotographic device and process cartridge having the aforementioned charging member.

No. of Pages : 49 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1603/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REACTIVE RECOVERY OF DIMETHYL CARBONATE FROM DIMETHYL CARBONATE/METHANOL MIXTURES

(51) International classification :C07C69/96
(31) Priority Document No :61/379145
(32) Priority Date :01/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048369
Filing Date :19/08/2011
(87) International Publication No :WO 2012/030554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)POSEY Mark

(57) Abstract :

A method of producing a carbonate product including mixing a DMC and methanol mixture with an alcohol reacting the DMC with the alcohol to form carbonate product and removing a substantial portion of unreacted DMC and methanol. In one embodiment the method may be repeated to reach a desired alcohol conversion by adding more DMC and methanol mixture.

No. of Pages : 16 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.171/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DRIVE TRAIN FOR A WIND TURBINE

(51) International classification :F16H
(31) Priority Document No :12 151
(32) Priority Date :855.9
(33) Name of priority country :20/01/2012
(86) International Application No :EPO
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SMOOK, WARREN
2)DIEKHANS, GERHARD

(57) Abstract :

The present invention provides a drive train (1) for a wind turbine. The drive train (1) comprises a gearbox (2), a generator (3) and a coupling (4) in between an output shaft (5) of the gearbox (2) and a rotor shaft (6) of the generator (3). The gearbox (2) and the generator (3) are independent and separate components, whereby the gearbox (2) and the generator (3) each have their own housing (7, 8) and the output shaft (5) of the gearbox (2) and the rotor shaft (6) of the generator (3) are respectively supported by a gearbox output shaft bearing arrangement (15) and a generator rotor shaft bearing arrangement (18a, 18b). The housing (8) of the generator (3) is directly connected to the housing (7) of the gearbox (2). The drive train (1) furthermore comprises a gearbox output module (14), which comprises the gearbox output shaft (5), the gearbox output shaft bearing arrangement (15) and an output shaft bearing housing (16). The gearbox output module at least partly extends into the generator (3), whereby the gearbox output module (14) at least partly extends beyond a plane (P) defined by an axial surface of a rotating part of the generator (3) that is first encountered in a direction going from gearbox (2) to generator (3). Moreover, the coupling (4) extends through a centre of the rotor shaft (6) of the generator (3) and is coupled to the generator rotor shaft (6) at a generator side (G) of the drive train (1).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1769/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FLAT WIPER BLADE WITH SPOILER

(51) International classification :B60S1/38,B60S1/32
(31) Priority Document No :1020100089005
(32) Priority Date :10/09/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/006660
Filing Date :08/09/2011
(87) International Publication No :WO 2012/033363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A flat wiper blade with spoilers is provided. The flat wiper blade has a wiper strip a single elongated frame first and second spoilers and a connecting unit for connection to a wiper arm. The frame holds and supports the wiper strip. The first and second spoilers have a pair of longitudinally extending fitting grooves and a receiving groove in the fitting groove. The receiving groove has a width greater than that of the fitting groove. The first and second spoilers are joined to the frame as opposed to each other in such a manner that the frame is fitted to the fitting grooves and an edge of the frame is received in the receiving groove. The connecting unit is joined to the frame between the first spoiler and the second spoiler. The connecting unit engages the first spoiler and the second spoiler.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR THE ELECTROLESS COPPER PLATING OF METALLIC SUBSTRATES

(51) International classification :C23C18/38
(31) Priority Document No :10 2010 039 383.5
(32) Priority Date :17/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063752
Filing Date :10/08/2011
(87) International Publication No :WO 2012/022660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KLEINLE Michael

(57) Abstract :

The invention relates to a process for treating a metallic surface of an object with an aqueous copper plating solution with which a first copper plating solution which is free of cyanide and free of strong reducing agent is electrolessly applied to clean metallic surfaces of the object or after pretreatment to cleaned metallic surfaces to form a first copper layer or copper alloy layer as a barrier layer and/or as a conductive layer and also to the use of the objects produced by the process according to the invention.

No. of Pages : 90 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2187/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LIGHT EMITTING DEVICE AND PACKAGE ARRAY FOR LIGHT EMITTING DEVICE

(51) International classification :H01L33/62
(31) Priority Document No :2010198372
(32) Priority Date :03/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069918
Filing Date :01/09/2011
(87) International Publication No :WO 2012/029912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NICHIA CORPORATION
Address of Applicant :491 100 Oka Kaminaka cho Anan shi
Tokushima 7748601 Japan
(72)Name of Inventor :
1)YAMASHITA Ryohei
2)TAMAKI Hiroto

(57) Abstract :

A light emitting device (100) is provided with a substantially cuboid shaped package (20) and a light emitting element (10) which is placed on the package (20). The package (20) is configured from a compact (30) and a first lead (40) and a second lead (50) each embedded in the compact (30). The first lead (40) has a first terminal section (42) which is exposed from the compact (30) at the boundary between a package (20) first side surface (20E) a base surface (20A) and a rear surface (20D) which faces a light emission surface (20C) which is continuous with the base surface (20A). The second lead (50) has a second terminal section (52) which is exposed from the compact (30) at the boundary between a second side surface (20E) which faces the first side surface (20E) the base surface (20A) and the rear surface (20D). The first terminal section (42) has a first concave section (42S) which opens along the first side surface (20E) the base surface (20A) and the rear surface (20D). The second terminal section (52) has a second concave section (52S) which opens along the second side surface (20E) the base surface (20A) and the rear surface (20D).

No. of Pages : 78 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2362/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A DEVICE TO DETERMINE A RASH DRIVING BEHAVIOR OF A DRIVER OF A VEHICLE

(51) International classification	:B60G17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DILIP KAMATH
Filing Date	:NA	2)SANTOSH KUMAR HEGDE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device to determine a rash driving behavior of a driver of a vehicle is disclosed. The device comprises a suspension sensor (11,12,13,14) equipped in at least one suspension unit of the vehicle and determining a variation in suspension height of the at least one suspension unit, such that a suspension variation means (20) receives the variation in suspension height of the at least one suspension unit from the suspension sensor (11,12,13,14) and calculates a suspension value of the vehicle, a correction means (40) calculates a correction in suspension height depending on at least one input (31,32,33,34) from the driver of the vehicle, a calculation means (50) calculates a corrective suspension value from the correction in suspension height and a determining means (90) determines a rash driving behavior of the driver depending on the calculated suspension value and the correction suspension value.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2363/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A BALANCED VARIABLE VANE PUMP AND A METHOD TO DETERMINE POSITION AND WEAR THEREOF

(51) International classification	:F04C2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD
(33) Name of priority country	:NA	ADUGODI, BANGAROE - 560030 Karnataka India
(86) International Application No	:NA	2)ROBER BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NIKHIL JALI
(61) Patent of Addition to Application Number	:NA	2)SHUBHAM SAURAV
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A balanced variable vane pump and a method of position determination and wear determination is disclosed. The balanced variable vane pump comprises a CAM-ring and a drive mechanism. The drive mechanism is adapted to engage at least a part of the CAM-ring. The balanced variable vane pump is characterized in that a sensor is located in proximity of the CAM-ring and the drive mechanism is adapted to determine position and wear of the CAM-ring. .

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2364/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A FUEL INJECTION PUMP

(51) International classification	:F02M61/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALAN REGAN
(61) Patent of Addition to Application Number	:NA	2)VENKATESH K R
Filing Date	:NA	3)SUNIL KUMAR V
(62) Divisional to Application Number	:NA	4)DIAFERIA ANTONIO
Filing Date	:NA	

(57) Abstract :

A high pressure pump 100 comprises a barrel housing 101. A fluid passage 102 in the barrel housing 101 opens into and interfaces with a valve cone 103 of a valve holder assembly. The valve cone 103 comprises a spherical filleted profile. The valve cone 103 fluidly connects the fluid passage 102 to the injector. The valve cone 103 has a flange head, the top surface of the flange head contacts the valve holder 104 through the spherical filleted profile. The contact point of the barrel housing 101 with the valve cone 103 is through the spherical filleted profile provided at the bottom of the valve cone 103.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.149/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METERING APPARATUS WITH A GAS MIXER AND METHOD FOR THE CONTROL OF MIXTURE FORMATION

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)MAN TRUCK & BUS AG
(32) Priority Date	000 567.9	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:16/01/2013	MUNCHEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)PRUMM, FRANZ WERNER
(87) International Publication No	:NA	2)STEINERT, RALF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

MAN Truck & Bus AG Nuremburg, 13.01.2012 Abstract Metering apparatus for a gas engine and method for the control of mixture formation A metering apparatus and a method for a gas engine are proposed, a combustible gas being metered to a mass air flow in the mixing chamber (15) of a gas mixer (7), a control unit (8) controlling the metering of the gas as a function of engine rotational speed (n) and engine load (r) . A highly dynamic pressure regulator (RP) feeds the gas into an annular space (6) surrounding the mixing chamber (15). Metering bores (16) lead from the annular space (6) to the mixing chamber (15), the bore diameters of which metering bores being designed such that a supercritical gas flow is achieved in the metering bores (16) .

No. of Pages : 14 No. of Claims : 12

(54) Title of the invention : FIXED TYPE CONSTANT VELOCITY UNIVERSAL JOINT

(51) International classification :F16D3/20,C10M101/02,C10M115/08
 (31) Priority Document No :2010176451
 (32) Priority Date :05/08/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/066311
 Filing Date :19/07/2011
 (87) International Publication No :WO 2012/017815
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NTN CORPORATION
 Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku
 Osaka shi Osaka 5500003 Japan
 (72)Name of Inventor :
1)YOSHIDA Kazuhiko
2)SONE Keisuke
3)KOHARA Mika

(57) Abstract :

A fixed type constant velocity universal joint is provided which is capable of realizing at a low cost excellent durability and excellent performance under high load conditions low load conditions and high angle conditions. The fixed type constant velocity universal joint has lubricating grease sealed inside the joint. The surface roughness of a ball (37) is Ra = 0.15 μm or less while the surface roughness of the other surface against which the ball rolls is rougher than the surface roughness of the ball (37). An additive composition for the lubricating grease comprises a base oil a diurea compound molybdenum dithiocarbamate a zinc dialkyldithiophosphate melamine cyanurate molybdenum disulfide and a calcium salt of an alkyl aromatic sulfonic acid.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.199/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A PORTABLE ELECTRONIC THERAPY DEVICE AND METHOD THEREOF

(51) International classification	:A61N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RADHAKRISHNAN RAMDAS
(32) Priority Date	:NA	Address of Applicant :ITRACE NANOTECH PVT. LTD., A-
(33) Name of priority country	:NA	1, VIKRAMPURI, SECUNDERABAD - 500 009 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	2)BHASKARA RAO BANDARU
(87) International Publication No	: NA	3)KRISHNAMOHAN SHARMA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RADHAKRISHNAN RAMDAS
(62) Divisional to Application Number	:NA	2)BHASKARA RAO BANDARU
Filing Date	:NA	3)KRISHNAMOHAN SHARMA

(57) Abstract :

The present disclosure relates to an electronic therapy device including automatic controlled application of energies along with feedback control using sensors for improved synergistic effects and further the device is configured to be used for longer periods of time for improved and optimal therapeutic results without causing any adverse effects, the device can be used for pain management, healing, fitness, cosmetic and topical delivery related applications and a method for performing electronic therapy using the said portable electronic device.

No. of Pages : 36 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2461/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM MOBILE STATION SWITCHING CENTER AND METHOD FOR POSITION REGISTRATION FOR MOBILE STATION

(51) International classification :H04W8/04,H04M3/00,H04W60/00
(31) Priority Document No :2011176557
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070421
Filing Date :10/08/2012
(87) International Publication No :WO 2013/024795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
1088001 Japan
(72)Name of Inventor :
1)ONISHI Koji
2)TAMURA Toshiyuki
3)SASAKI Hidenobu
4)OKABE Jyunya

(57) Abstract :

The present invention abates network loads caused by changes in selection of position registration devices on the circuit switching network side fluctuation in number of installations and the like. A mobile communication system includes a mobile station a packet switching station and a plurality of position registration devices for managing the position of the mobile station. After one position registration device has been selected from among the plurality of position registration devices for the mobile station the mobile station transmits a Network Resource Identifier (NRI) included within a Temporary Mobile Station Identifier (TMSI) to the packet switching station at the time of position registration. The packet switching station requests a position registration from the position registration device on the basis of the NRI.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1600/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : USE OF AVE0010 FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF DIABETES MELLITUS TYPE 2

(51) International classification :A61K38/22,C07K14/575,A61P3/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/EP2010/062638
Filing Date :30/08/2010
(87) International Publication No :WO 2012/028172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SANOFI AVENTIS DEUTSCHLAND GMBH
Address of Applicant :Brüningstrae 50 65929 Frankfurt am Main Germany
(72)Name of Inventor :
1)BOKA Gabor
2)MIOSSEC Patrick
3)SILVESTRE Louise

(57) Abstract :

The present invention refers to the use of Lixisenatide or/and a pharmaceutically acceptable salt thereof for the manufacture of a medicament for the treatment of diabetes mellitus type 2 for inducing weight loss in diabetes type 2 patients or/and for preventing weight gain in diabetes type 2 patients.

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2337/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEBUGGING OF A DATA PROCESSING APPARATUS

(51) International classification	:G06F11/36
(31) Priority Document No	:1016077.8
(32) Priority Date	:24/09/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/051410
Filing Date	:25/07/2011
(87) International Publication No	:WO 2012/038710
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARM LIMITED

Address of Applicant :110 Fulbourn Road Cherry Hinton
Cambridge CB1 9NJ U.K.

(72)Name of Inventor :

1)WILLIAMS Michael John

2)GRISENTHWAITE Richard Roy

3)CRASKE Simon John

(57) Abstract :

A data processing apparatus is provided comprising data processing circuitry and debug circuitry. The debug circuitry controls operation of the processing circuitry when operating in a debug mode. The data processing circuitry determines upon entry into a debug mode a current operating state of the data processing apparatus. The data processing circuitry allocates one of a plurality of instruction sets to be used as a debug instruction set depending upon the determined current operating state.

No. of Pages : 40 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2400/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PANEL DOOR ASSEMBLY WITH BI-DIRECTIONAL OPENING OF THE DOOR

(51) International classification	:E05D15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASHANTH H N RAO
(87) International Publication No	: NA	2)DAYANAND PATIL
(61) Patent of Addition to Application Number	:NA	3)NAVEEN KUMAR
Filing Date	:NA	4)RAGHAVENDRA MARDI
(62) Divisional to Application Number	:NA	5)RAJATH KELAMANE
Filing Date	:NA	

(57) Abstract :

A panel door assembly has a set of hinges mounted on the corners of the door frame. A set of hinge rods are mounted on left and right side of the door to vertically slide inside the hinges, and a set of rotary handles are respectively provided in each side for connecting the hinge rods such that the actuation of the rotary handle slides the hinge rods within the hinges. A set of sliding rods are mounted on the top and bottom side of the door to horizontally slide inside the hinges. Rotary arm are respectively provided in each side for connecting the sliding rods such that the rotary arm revolves to direct the sliding rods. A set of springs are respectively loaded with each of the sliding rods for reversing the horizontal motion of the sliding rods in a required direction with respect to the rotation of the rotary arm. The rotary handles are respectively operated to move the hinge rods and the sliding rods such that the particular hinge rods open the respective hinges and the other side hinge rod acts as axis of rotation of door for door operation.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3437/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACTIVATING LICENSABLE COMPONENT USING AGGREGATING DEVICE IN HOME NETWORK

(51) International classification	:H04N7/16,H04N17/00	(71)Name of Applicant :
(31) Priority Document No	:61/412552	1)SONY CORPORATION
(32) Priority Date	:11/11/2010	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108
(33) Name of priority country	:U.S.A.	0075 Japan
(86) International Application No	:PCT/US2011/055043	(72)Name of Inventor :
Filing Date	:06/10/2011	1)SHINTANI Peter
(87) International Publication No	:WO 2012/064432	2)DOUILLET Ludovic Etienne
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aggregation device (e.g. 12 200 208 202 210 212) in a home network accumulates information from audio video apparatuses (e.g. 12 200 208 202 210 212) in the network that the apparatuses require enablement of respective licensable components for which no license event has yet occurred. The aggregation device sends an indication of the license events to a server (206) so that appropriate royalties may be paid post sale of the various devices.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3438/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FILTERING SOCIAL NETWORKING INFORMATION TO PROVIDE CUSTOMIZED MAPPING

(51) International classification :g06f
(31) Priority Document No :12/926620
(32) Priority Date :30/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053724
Filing Date :28/09/2011
(87) International Publication No :WO 2012/074597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1 7 1 Konan Tokyo 108 0075 Japan

(72)Name of Inventor :

1)KENNEDY Sean P.

2)CARPIO Fredrik

3)CRISAN Adrian

4)GARAY Rommel M.

5)LYONS Gary R.

6)WINTER Edward T.

7)CHANG Michael

8)KISHIMOTO Toyoaki

9)LAWTON Andrew L.

(57) Abstract :

User specific information such as the social networking cloud of relevant metadata is used to find real time information and provide visual feedback to users regarding the presence of other users at particular locations. In one example the information is displayed on localized map images with visual indicators such as dots indicating the presence of other users having desired characteristics.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1066/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : VARIABLE LOAD VALVE AND BRAKE CONTROL DEVICE

(51) International classification :B60T15/18,B60T8/22
(31) Priority Document No :2010172018
(32) Priority Date :30/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004132
Filing Date :22/07/2011
(87) International Publication No :WO 2012/014416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NABTESCO CORPORATION
Address of Applicant :7 9 Hirakawacho 2 chome Chiyoda ku
Tokyo 1020093 Japan
(72)Name of Inventor :
1)YAMANAKA Masatami

(57) Abstract :

The disclosed variable load valve (21) is provided with a first diaphragm member (41) a second diaphragm member (42) a piston (40) a force transmission member (43) and a diaphragm affixing member (45). The first diaphragm member (41) deflects due to the pressure inside a pilot chamber into which air is introduced at a pressure corresponding to a vehicle weight. The second diaphragm member (42) deflects due to the pressure inside an output chamber for outputting a load compensating pressure. The piston (40) generates the load compensating pressure by moving axially in accordance with the deflection of the first and second diaphragm members (41 and 42). The force transmission member (43) comprises: a pressure receiving part (43b) which has a pressure receiving surface (43d) that is subjected to a pressing force due to the deflection of the second diaphragm member (42); and an extension part (43c) which extends radially from a fixed part (43a). The force transmission member transmits to the piston (40) a force in accordance with the pressing force that the pressure receiving surface (43d) is subjected to from the second diaphragm member (42). The diaphragm affixing member (45) is formed separately from a block (25) affixes the periphery of the second diaphragm member (42) to said block (25) and sets the surface area of the pressure receiving surface (43d) of the force transmission member (43).

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1935/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITION CONTAINING A PYRIPYROPENE INSECTICIDE AND A BASE

(51) International classification :A01N25/22,A01N53/00,A01N43/90	(71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany
(31) Priority Document No :61/382513	(72)Name of Inventor :
(32) Priority Date :14/09/2010	1)DIELEMAN Cedric
(33) Name of priority country :U.S.A.	2)KNIERIEM Torsten
(86) International Application No :PCT/EP2011/065848	3)KRAPP Michael
Filing Date :13/09/2011	4)KIERKUS Paul Ch.
(87) International Publication No :WO 2012/035010	5)XU Wen
(61) Patent of Addition to Application Number :NA	6)BENTON Kara
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to a composition comprising a pyripyropene pesticide of the formula (I) or (II) as defined below and a base. The present invention relates also to methods of preparing and applying such compositions as well as several uses thereof and finally seeds comprising said composition.

No. of Pages : 40 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3539/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : GRATING FOR PHASE CONTRAST IMAGING

(51) International classification	:G01N23/04,G21K1/06	(71)Name of Applicant :
(31) Priority Document No	:10190351.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/11/2010	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/054890	2)PHILIPS INTELLECTUAL PROPERTY &
Filing Date	:03/11/2011	STANDARDS GMBH
(87) International Publication No	:WO 2012/063169	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)VOGTMEIER Gereon
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to foil gratings for X ray differential phase contrast imaging a detector arrangement and an X ray imaging system for generating phase contrast images of an object and a method of producing a foil grating. In order to provide gratings with a high aspect ratio a foil grating (40) for X ray differential phase contrast imaging is provided with a first foil (42) of X ray absorbing material; and at least a second foil (44) of X ray absorbing material. The at least two foils each comprise a plurality of X ray absorbing stripes spaced from each other by X ray transparent apertures wherein the first foil comprises a first plurality (46) of first stripes (48) with a first width w (50) and a first plurality (52) of first apertures (54) with a first opening width w (56) arranged periodically with a first pitch p (58) and wherein the second foil comprises a second plurality (60) of second stripes (62) with a second width w (64) and a second plurality (66) of second apertures (68) with a second opening width w (70) arranged periodically with a second pitch p (72). The at least two foils are arranged displaced to each other such that the second stripes are positioned in front of the first apertures such that for the passage of X ray radiation a plurality (74) of resulting slits (76) is provided with a resulting slit width W (78) that is smaller than the first w and the second opening width w. The at least two foils are fixedly attached to each other.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.190/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CURRENT LIMITER CIRCUIT FOR CONTROL AND PROTECTION OF MOSFET

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COSMIC CIRCUITS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :303, A BLOCK, AECS LAYOUT,
(33) Name of priority country	:NA	KUNDALAHALLI, BANGALORE - 560 037 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANDEEP ANAND
(87) International Publication No	: NA	2)RUPAK GHAYAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit for controlling a Metal Oxide Semiconductor Field Effect Transistor (MOSFET) to generate a DC output voltage from a DC input voltage includes a first MOSFET and a second MOSFET. The circuit includes a gate resistor coupled to the first MOSFET. The circuit includes a first resistor and a zener diode coupled to the second MOSFET. In addition, the circuit includes a diode coupled to the zener diode and the first MOSFET. The circuit includes a first current path wherein the first current path includes the diode and the first MOSFET. The circuit includes a third MOSFET. Further, the circuit includes a Resistor-Capacitor (RC) filter coupled to source terminal of the third MOSFET. The circuit includes a third resistor having a first terminal and a second terminal, wherein the second terminal is coupled to drain terminal of the third MOSFET. The circuit also includes a fourth MOSFET.

No. of Pages : 25 No. of Claims : 16

(54) Title of the invention : FIXING OF VACUUM INSULATION PANELS IN COOLING APPARATUSES

<p>(51) International classification :B29C44/12,B29C44/58,C08G18/18</p> <p>(31) Priority Document No :10178194.6</p> <p>(32) Priority Date :22/09/2010</p> <p>(33) Name of priority country :EPO</p> <p>(86) International Application No :PCT/EP2011/065009</p> <p style="padding-left: 20px;">Filing Date :31/08/2011</p> <p>(87) International Publication No :WO 2012/038215</p> <p>(61) Patent of Addition to Application Number :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p>	<p>(71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany</p> <p>(72)Name of Inventor : 1)ELBING Mark 2)SCHTTE Markus 3)KROGMANN Jrg 4)KLASSEN Johann 5)BOOS J/rgen</p>
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(57) Abstract :

Use of a polyurethane (PU) foam reaction system comprising a) organic and/or modified organic polyisocyanates together with b) at least one relatively high molecular weight compound having at least two hydrogen atoms which are reactive toward isocyanate groups and optionally c) low molecular weight chain extenders and/or crosslinkers in the presence of d) blowing agents e) catalysts f) foam stabilizers and optionally g) further auxiliaries and/or additives wherein the components a) to g) are selected such that a closed cell polyurethane foam having a free foamed bulk density of from 50 to 1100 g/l and a compressive strength of = 15 kPa is obtained and rigid integral foams are excluded for the fixing of vacuum insulation panels (VIPs) over an area of the inside of an outer wall of a cooling apparatus and/or of the outside of a wall of the inner container of a cooling apparatus. In addition a process for producing composites comprising a wall of a cooling apparatus a PU foam layer derived from the abovementioned PU foam reaction system and at least one VIP is described.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2358/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LOCKING SYSTEM FOR FIGHTER AND TRAINER AIRCRAFT CANOPIES WITH MISTAKE PROOFING WHICH OPERATES ONLY WHEN CANOPY IS CLOSED

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)C. KUPPURAJ (DGM)
(61) Patent of Addition to Application Number	:NA	2)A JEEVAN PRAKASH (SM)
Filing Date	:NA	3)PREM RAJ V (M)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanical system is needed to facilitate locking of the canopy of the aircraft in opened and closed positions. The system-should also ensure that the canopy does not get opened unintentionally due to vibration during fight. The system requires safety features which ensures partial locking is not stable. Also need an in-built mechanism which prohibits the lock operation itself in any partially closed condition of the canopy. The system also requires indication for locked / unlocked conditions. The system required to be simpler in design and operation, occupy less space and require less maintenance. Such a system was developed indigenously and proved successful on fighter aircraft.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3801/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SWITCHING MECHANISM OF CLAMP

(51) International classification :B25J15/00,B25J19/00,B65G57/00

(31) Priority Document No :201020583482.5

(32) Priority Date :29/10/2010

(33) Name of priority country :China

(86) International Application No :PCT/CN2011/000194

Filing Date :01/02/2011

(87) International Publication No :WO 2012/055141

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)SHENG Boqing

2)LI Yaping

(57) Abstract :

A switching mechanism of a clamp includes clamping plates (1) and crank arm mechanisms (2). The upper ends of crank arm mechanisms (2) are connected with a common hanger beam (9). The upper part of the hanger beam (9) is equipped with a guide chute (10) where slidable insert plates (3) are arranged. Each insert plate (3) has a key shape groove (4) composed of a long strip hole and a large round hole. The hanger beam (9) is provided with a hydraulic driving unit (6) which can drive the insert plates (3) moving. One support rod (5) is provided in the groove (4) of each insert plate (3) and a boss (7) is formed on the upper end of each support rod (5). The diameter of the boss (7) is greater than the width of the long strip hole and less than the diameter of the large round hole. The lower end of each support rod (5) is connected with a set of clamping plates (1) through a short connecting rod (11). The mechanism has a simple structure and a low manufacturing cost. The mechanism is not influenced by the height error of carbon blocks during the operation thereby being easy to operate and difficult to damage.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1647/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD FOR PRODUCING DITHIIN TETRACARBOXIMIDES

(51) International classification :C07D495/14
(31) Priority Document No :10175181.6
(32) Priority Date :03/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064833
Filing Date :29/08/2011
(87) International Publication No :WO 2012/028588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)VOLZ Frank
3)GELLER Thomas

(57) Abstract :

The present invention relates to a novel method for producing dithiin tetracarboximides.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1760/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : WELDING METHOD AND WELDING DEVICE

(51) International classification :B23K11/11,B23K11/24,B23K11/30
(31) Priority Document No :2010198504
(32) Priority Date :06/09/2010
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/070134
Filing Date :05/09/2011
(87) International Publication No :WO 2012/033040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOTO Akira
2)MIYASAKA Shinichi
3)IKEDA Tatsuro
4)AOKI Yushi
5)IGAUE Mitsutaka

(57) Abstract :

The present invention relates to a resistance welding method and a resistance welding device. A resistance welding device (10) is provided with a lower tip (32) and an upper tip (38) which serve as welding tips and pressing rods (46a 46b) which serve as pressing members. Among the above mentioned elements the upper tip (38) and the pressing rods (46a 46b) press a stacked body (48a) which is to be welded from the metallic plate (54a) side which is the outermost member of the stacked body (48a) and the lower tip (32) presses the stacked body (48a) from the lowermost metallic plate (50a) side. In this state an electric current is conducted from the upper tip (38) to the lower tip (32).

No. of Pages : 159 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1940/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVICE FOR PERFORMING POWERED THREADING OPERATIONS AND METHOD THEREFOR

(51) International classification :B23G1/04,B23G1/22,B23G1/24
(31) Priority Document No :61/374038
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/047758
Filing Date :15/08/2011
(87) International Publication No :WO 2012/024221
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GRESS Paul W.
3)HAMM James E.
4)CHARTIER Glen R.

(57) Abstract :

A device (101) and associated system for threading cutting and reaming pipe ends are described. The device (110) and system utilizes a brushless DC electric motor (28). The devices (110) also includes on board electronics and operator interface (s) to provide sophisticated control and information as to the various operations. Also described are methods of operating the device and several different modes for performing various operations.

No. of Pages : 96 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6076/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYSTEMS METHODS APPARATUS AND COMPUTER READABLE MEDIA FOR SPATIALLY SELECTIVE AUDIO AUGMENTATION

(51) International classification	:H04R5/033,H04R3/00	(71)Name of Applicant :
(31) Priority Document No	:61/445974	1)QUALCOMM Incorporated
(32) Priority Date	:23/02/2011	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/026120	(72)Name of Inventor :
Filing Date	:22/02/2012	1)PARK Hyun Jin
(87) International Publication No	:WO 2012/161781	2)CHAN Kwokleung
(61) Patent of Addition to Application Number	:NA	3)LI Ren
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Spatially selective augmentation of a multichannel audio signal is described.

No. of Pages : 75 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7120/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(51) International classification :H04N7/32
(31) Priority Document No :2011054817
(32) Priority Date :11/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054858
Filing Date :28/02/2012
(87) International Publication No :WO 2012/124461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SATO Kazushi

(57) Abstract :

The present technology relates to an image processing device and method that enable an increase in encoding efficiency with respect to quantization parameters. The present invention is provided with: a predicted quantization parameter setting unit that sets predicted quantization parameters with respect to a current coding unit using a plurality of quantization parameters set in a plurality of peripheral coding units that are positioned in the periphery of the current coding unit that is the subject of encoding processing; and a differential quantization parameter setting unit that sets differential quantization parameters indicating the differential value between the quantization parameters set in the current coding unit and the predicted quantization parameters set by the predicted quantization parameter setting unit. The present disclosures for example can be applied to an image processing device.

No. of Pages : 188 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ALLOWING MEASUREMENTS TO BE MADE OF A BLOOD SAMPLE

(51) International classification :A61B5/151
(31) Priority Document No :10168956.0
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061538
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)RICHTER Frank
2)MACARTHUR Ross

(57) Abstract :

An apparatus and a method for measuring a property of a blood sample is shown. The apparatus comprises a housing having an aperture; a shaft (204) mounted inside the housing; a testing member (505) rotatably mounted on the shaft; an actuating member (501 502) coupled to the housing and configured to exert a force against the testing member; and a lancet (506) for eliciting a blood sample fixedly coupled to and protruding substantially radially from the testing member and configured to co rotate with the testing member. The apparatus is further configured such that the lancet is aligned with the aperture in the housing when the testing member is in a first position. The testing member is configured in the presence of a force exerted against the testing member by the actuator member to translate to a second position in which the lancet is in a skin penetrating position.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3406/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISTILLATION TOWER FOR IMPROVING YIELD OF PETROLEUM HYDROCARBON DISTILLATE AND FEEDING METHOD THEREOF

(51) International classification :C10G7/00,C10G7/12
(31) Priority Document No :201010519177.4
(32) Priority Date :26/10/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/000665
Filing Date :15/04/2011
(87) International Publication No :WO 2012/055145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)ZHANG Tongwang

8)WANG Shaobing

9)QU Hongliang

10)TANG Xiaojin

11)ZHU Zhenxing

12)HUANG Tao

(57) Abstract :

A method for improving yield of petroleum hydrocarbon distillate in a distillation tower (6) comprises: preheating raw oil of petroleum hydrocarbon ready for fractionation; feeding it to a vaporization section (11) through a pressure feed system (3) under a pressure 100 1000 kPa higher than the vaporization section (11) of the distillation tower (6) for simultaneous atomizing and vaporizing; then feeding it to a fractionation section (13) for distillation separation; and finally discharging distillate product from the top and/or side of the tower and unvaporized heavy oil from the bottom. A distillation tower (6) for improving yield of petroleum hydrocarbon distillate comprises a vaporization section (11) and a fractionation section (13) and further comprises a pressure feed system (3) for feeding the raw oil of petroleum hydrocarbon ready for fractionation under a pressure 100 1000 kPa higher than that in the vaporization section (11) of the distillation tower (6).

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3407/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : VEHICLE BODY FOREPART STRUCTURE

(51) International classification :B62D25/08
(31) Priority Document No :2010290006
(32) Priority Date :27/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076160
Filing Date :14/11/2011
(87) International Publication No :WO 2012/090603
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)OHNO Shinji
3)MASUDA Idemitsu

(57) Abstract :

Provided is a vehicle body forepart structure that is simple in structure does not increase vehicle manufacturing costs and can further protect the legs of a pedestrian that has come into contact with the vehicle body forepart. The vehicle body forepart structure includes a pair of headlights (2) on the right and left in the vehicle width direction a pair of side members (3) arranged on the right and left in the vehicle width direction and below the respective headlights (2) and a lower cross member (4) arranged below the pair of side members (3) and along the vehicle width direction between the pair of side members (3) wherein: there is no bumper member in front of the side members (3); a shock absorbing part (7a) is arranged in front of the front surface (3b) of each side member (3); and the front surface of each headlight (2) the front surface of each shock absorbing part (7a) and the front end of each end in the vehicle width direction of the lower cross member (4) are arranged on a straight line that extends in the vertical direction of the vehicle when viewed from the front of the vehicle and that is inclined obliquely rearward toward the upper side of the vehicle when viewed from the side of the vehicle.

No. of Pages : 33 No. of Claims : 7

(54) Title of the invention : HIGH VOLTAGE SHIELDING DEVICE AND A SYSTEM COMPRISING THE SAME

(51) International classification :H01F27/04,H01F27/36,H01B17/26
 (31) Priority Document No :61/362562
 (32) Priority Date :08/07/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2011/061375
 Filing Date :06/07/2011
 (87) International Publication No :WO 2012/004289
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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3)HARTINGS Ralf
4)LANERYD Tor
5)LARSSON Tommy
6)SCHIESSLING Joachim
7)...STRAND Peter

(57) Abstract :

It is presented a high voltage shielding device (1) comprising a main body (2) having an enclosing outer solid insulating wall (2 1) an outer electrode (3) arranged on the solid insulating wall (2 1) providing a first level of insulation to the outer electrode (3) and a first inner electrode (4a) which is uninsulated or has a coating providing a second level of insulation which second level of insulation is lower than the first level of insulation. The first inner electrode (4a) is oriented relative the outer electrode (3) in such a way that the first inner electrode (4a) mainly shields a component of an electric field (E) which is perpendicular to a component of an electric field (E) mainly shielded by the outer electrode (3).

No. of Pages : 19 No. of Claims : 15

(54) Title of the invention : PORTABLE DEVICE FOR MONITORING AND REPORTING OF MEDICAL INFORMATION FOR THE EVIDENCE BASED MANAGEMENT OF PATIENTS WITH CHRONIC RESPIRATORY DISEASE

(51) International classification :A61B5/00,A61B5/0205,A61B5/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2010/000361
Filing Date :09/08/2010
(87) International Publication No :WO 2012/020433
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention relates to an integrated tele health system/device for the monitoring and reporting of medical information for the evidence based management of patients with chronic respiratory disease. The device comprises substantially a central unit which measures and collects information related to the state of health of the patient and it is provided with means for wireless or cable transmission of the collected data using a microprocessor based system with a touch screen display USB communication port and Bluetooth. According to the invention the device further comprises: a removable sensor for the measurement of respiratory air flow and volume a removable pulse oximetry sensor and a motion sensor. Stored data can be then delivered through landline broadband wireless and cell phone technology to be received by a web server and can then be accessed by medical staff. Being completely portable the device according to the invention is provided with a battery of known type which can be substituted by the user or it can be rechargeable.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1074/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FRACTIONAL MELT INDEX POLYETHYLENE COMPOSITION AND FILMS MADE THEREFROM

(51) International classification :C08L23/06
(31) Priority Document No :61/503051
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041450
Filing Date :08/06/2012
(87) International Publication No :WO 2013/002997
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DEN DOELDER Conrelis F.J.
3)WANG Jian

(57) Abstract :

A reactor blend polyethylene composition comprising: from 35 to 70 percent by weight of a first polyethylene component; and a second polyethylene component; wherein the polyethylene resin has a melt index I2 of less than 1 dg/min and greater than or equal to 0.25 dg/min and exhibits a V0.1/V100 of greater than or equal to 9; and wherein the first and second polyethylene components are produced in continuous dual solution polymerization reactors wherein the second polyethylene component is produced in the presence of the first polyethylene component and wherein a Ziegler Natta catalyst is present in each of the first and second polymerization reactors is provided. Also provided are methods for producing the polyethylene resin and films made therefrom.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1118/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MOTION VECTOR CALCULATION METHOD IMAGE CODING METHOD IMAGE DECODING METHOD MOTION VECTOR CALCULATION DEVICE AND IMAGE CODING/DECODING DEVICE

(51) International classification :H04N7/32
(31) Priority Document No :61/416822
(32) Priority Date :24/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/006517
Filing Date :22/11/2011
(87) International Publication No :WO 2012/070235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NISHI Takahiro
3)SHIBAHARA Youji
4)SASAI Hisao

(57) Abstract :

A motion vector calculation method for improving the compression rate comprises: a selection step for selecting one reference motion vector which a reference block has; and a calculation step for calculating the motion vector of a block to be processed using the one reference motion vector selected in the selection step. In the selection step when the reference block has two reference motion vectors (S121) one reference motion vector is selected from the two reference motion vectors on the basis of whether the reference block is located in front of or behind the block to be processed in display time order (S123 S124) and when the reference block has only one reference motion vector (S125 S127) the one reference motion vector is selected (S126 S128).

No. of Pages : 111 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.144/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A COMBINED SINGLE METHOD OF CONTROLLING ARSENIC LEVELS IN ENVIRONMENT AND EXTRACTION OF GOLD USING A COMMON AQUATIC PLANT, EICHHORNIA CRASSIPCS(MARTIUS) SOLMS-LAUBACH (PONTEDE RIACEAE)

(51) International classification	:B09C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT,
(33) Name of priority country	:NA	OPP. DAYANANDA SAGAR COLLEGE BANGALORE-
(86) International Application No	:NA	560078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAYARAMA REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Arsenic poisoning is an acute problem in northern and eastern India. The problem is severe in West Bengal, Bangladesh and also in Karnataka. The gangetic plains are affected by high levels of arsenic (4000µg/ml). The permitted level of arsenic in drinking water is 10ppm (10µg/ml). The high level of arsenic lead to arseno sclerosis after leading to cancer of the skin, the incidence of arsenic poisoning in South East Asia is alarming. The present invention is easy to use and meets the cost of remediation of arsenic in the environment by allowing extraction of gold (phytomining) from the environment by the common aquatic plant, water hyacinth (Eichhornia crassipes). Key words: phytoremediation of arsenic, phytomining of gold

No. of Pages : 3 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACTINIC RADIATION-CURING TYPE INK SET, INKJET RECORDING METHOD, AND PRINTED MATERIAL

(51) International classification	:C09D	(71)Name of Applicant :
(31) Priority Document No	:2012-047974	1)FUJIFILM CORPORATION
(32) Priority Date	:05/03/2012	Address of Applicant :26-30, NISHIAZABU 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOCHIZUKI KYOHEI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an actinic radiation-curing type ink set comprising a colored ink composition and a clear ink composition (C1), the colored ink composition comprising (Component A1) a radically polymerizable compound, (Component B1) a polymerization initiator, and (Component D) a colorant, and the clear ink composition (C1) comprising (Component A2) a radically polymerizable compound, (Component B2) a polymerization initiator, and (Component S) an organic solvent.

No. of Pages : 120 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3732/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A STEAMER HEAD FOR A GARMENT STEAMER

(51) International classification :D06F75/20,D06F75/30
(31) Priority Document No :10191618.7
(32) Priority Date :18/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/055087
Filing Date :15/11/2011
(87) International Publication No :WO 2012/066473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :High Tech Campus 5 NL 5656 AE
Eindhoven Netherlands
(72)Name of Inventor :
1)JIANG Yong
2)WADHWA Sahil
3)VAN HEESCH Christianus Martinus

(57) Abstract :

The present invention relates to a steamer head for a garment steamer comprising a main body (2) with a front end (8) a steam outlet (11) and an air inlet (25) formed in the front end (8). A suction force is applied to draw air through the air inlet (25) so that a fabric of a garment disposed proximate the front end (8) is drawn against the front end (8) by the suction force. Further steam is applied to the fabric of a garment through the steam outlet (11). The front end (8) of the main body (2) comprises first and second surfaces (10 2). The steam outlet (11) is formed in the first surface (10) and the air inlet (25) is formed in the second surface (12) so that the fabric is drawn against the second surface (12) and steam is applied to the fabric at the first surface (10). The first and second surfaces (10 12) together forma convex surface.. The present invention also relates to a garment steamer comprising a 10 steamer head and a method of removing creases from a garment using a garment steamer.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SUSPENSION ASSEMBLY WITH TIE PLATE

(51) International classification :B60G5/02,B60G11/24,F16F1/40
(31) Priority Document No :12/876158
(32) Priority Date :05/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049829
Filing Date :31/08/2011
(87) International Publication No :WO 2012/030883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HENDRICKSON USA LLC
Address of Applicant :500 Park Boulevard Suite 1010 Itasca
IL 60143 1285 U.S.A.
(72)**Name of Inventor :**
1)NOBLE Shawn D.

(57) Abstract :

A tie plate (706) comprising a lower mounting flange that is removably attachable to a first frame hanger (702) and to a second frame hanger (704) wherein the lower mounting flange includes a first set of attachment holes that correspond to a set of attachment holes at the first frame hanger wherein the lower mounting flange includes a second set of attachment holes that correspond to a set of attachment holes at the second frame hanger an extending member (732) having a first end that extends at an angle from the lower mounting flange; and an upper mounting flange (730) extending from a second end of the extending member wherein the upper mounting flange has one or more mounting holes (750) adapted for attachment of the tie plate to an undercarriage of a vehicle.

No. of Pages : 145 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SINGLE ROW EMERGENCY STOP SWITCH CONTACT DEVICE

(51) International classification	:H01H3/02,H01H1/20	(71)Name of Applicant :
(31) Priority Document No	:10 2010 045 629.2	1)GEORG SCHLEGEL GMBH & CO. KG
(32) Priority Date	:17/09/2010	Address of Applicant :Am Kappellenweg 88525
(33) Name of priority country	:Germany	D ⁴ rmentingen Germany
(86) International Application No	:PCT/EP2011/004624	(72)Name of Inventor :
Filing Date	:15/09/2011	1)SCHLEGEL Eberhard
(87) International Publication No	:WO 2012/034698	2)BLANK Kurt
(61) Patent of Addition to Application Number	:NA	3)DOLPP Rudolf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an electrical contact device (1) in particular an emergency stop switch contact device comprising a first switch contact unit (4) for creating or disconnecting an electrically conductive connection and a second switch contact unit (5) for creating or disconnecting an electrically conductive connection wherein a first contact side (6) of the first switch contact unit is connected to a first contact side (9) of the second switch contact unit and a second contact side (7) of the first switch contact unit is connected to a first connection contact (15) of the contact device and a second contact side (10) of the second switch contact unit is connected to a second connection contact (17) of the contact device and wherein the two switch contact units are designed to be actuated by a movable push rod (3) acting thereon characterised in that the two connection contacts are arranged in relation to the push rod opposite each other on the contact device and wherein the first and the second switch contact unit are arranged inside a mounting unit (3) that is provided for connection to an actuating device.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2433/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TERMINAL DEVICE BASE STATION DEVICE COMMUNICATION SYSTEM AND COMMUNICATION METHOD

(51) International classification :H04J99/00,H04B7/04,H04W28/18
(31) Priority Document No :2010197884
(32) Priority Date :03/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069759
Filing Date :31/08/2011
(87) International Publication No :WO 2012/029845
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi
Osaka 5458522 Japan
(72)Name of Inventor :
1)SHIMEZAWA Kazuyuki
2)NOGAMI Toshizo

(57) Abstract :

A communication system for providing communication between a mobile terminal and a base station using a precoding technique wherein communication is performed efficiently. A terminal device notifies a base station device of information indicating the codebook supported by the terminal device from among a plurality of codebooks. The base station device determines the transmission mode on the basis of the information indicating the codebook supported by the terminal device.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : COMPOSITION FOR TREATING TYPE-II DIABETES AND METHODS FOR PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S ARVIND REMEBIES LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 190, POONAMALLEE HIGH
(33) Name of priority country	:NA	ROAD, CHENNAI - 600 084 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. C. SENTHILKUMAR
(87) International Publication No	: NA	2)MR. ANKUR AGARWAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pharmaceutical composition for treating type II diabetic comprising ursodeoxycholic acid as immediate release layer, metformin hydrochloride and a pharmaceutically acceptable carrier as sustain release layer and mecobalamin as immediate release layer or coated over the other two layers wherein the medicament is optionally coated.

No. of Pages : 19 No. of Claims : 10

(54) Title of the invention : CONNECTOR FOR FLAT CABLES

(51) International classification :H01R31/06,H01R12/81,H01R13/52
(31) Priority Document No :2010182112
(32) Priority Date :17/08/2010
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/068423
Filing Date :12/08/2011
(87) International Publication No :WO 2012/023506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
1080073 Japan
(72)Name of Inventor :
1)MIURA Kazunori
2)OHYAMA Kouichi

(57) Abstract :

This connector comprises: a connector housing (11) on one side of which is formed a flat cable terminal section insertion section (13) wherein a flat cable terminal section (26) is inserted and on the other side of which is formed an interlocking hood section (15) wherein a mating connector (5) in an electric wire terminal connected to a flat cable (2) interlocks; and a relay terminal (3) which is accommodated inside the connector housing (11) connects with a terminal fitting (7) in an electrical wire terminal one end of which is connected to the flat cable terminal section (26) and the other end of which is accommodated in the mating connector (5) and connects the flat cable (2) and electrical wire (6). A sealant accommodating section (17) wherein a sealant (9) which is attached to the flat cable terminal section (26) is accommodated is provided in the flat cable terminal section insertion section (13).

No. of Pages : 48 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NON STATIC SUSPENSION CULTURE OF CELL AGGREGATES

(51) International classification :C12N5/07
(31) Priority Document No :61/376508
(32) Priority Date :24/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048972
Filing Date :24/08/2011
(87) International Publication No :WO 2012/027474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :1000 Westgate Drive Suite 160 St. Paul
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2)KATHOLIEKE UNIVERSITEIT LEUVEN
(72)Name of Inventor :
1)SUBRAMANIAN Kartik
2)HU Wei Shou
3)VERFAILLIE Catherine M.
4)PARK Yonsil

(57) Abstract :

The invention is directed to compositions of cell aggregates and methods for making and using the cell aggregates where the aggregates comprise cells that are not embryonic stem cells but can differentiate into cell types of at least two of ectodermal endodermal and mesodermal embryonic germ layers e.g. stem cells.

No. of Pages : 88 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2178/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : TRANSGENIC PLANTS

(51) International classification	:C07K14/415,C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:1015875.6	1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
(32) Priority Date	:22/09/2010	Address of Applicant :Globe House 1 Water Street London WC2R 3LA U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2011/051666	1)DAVENPORT Susan
Filing Date	:06/09/2011	2)LE LAY Pascaline
(87) International Publication No	:WO 2012/038717	3)SANCHEZ TAMBURRINO Juan Pablo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to genetic constructs which can be used in the preparation of transgenic plants. The constructs can have the ability of reducing nitrate concentration in the plant in particular the plant s leaves and for inducing a senescence like phenotype. The invention extends to plant cells transformed with such constructs and to the transgenic plants themselves. The invention also relates to methods of producing transgenic plants and to methods of reducing nitrate content in plants. The invention also relates to harvested plant leaves for example tobacco leaves that have been transformed with the genetic constructs and to various tobacco articles such as smoking articles comprising such harvested plant leaves.

No. of Pages : 61 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3459/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SEARCH QUERY COLUMN FOR INTERNET CONNECTED TV S

(51) International classification	:G06F3/00	(71)Name of Applicant :
(31) Priority Document No	:12/917678	1)SONY CORPORATION
(32) Priority Date	:02/11/2010	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108
(33) Name of priority country	:U.S.A.	0075 Japan
(86) International Application No	:PCT/US2011/055719	(72)Name of Inventor :
Filing Date	:11/10/2011	1)HILL Seth
(87) International Publication No	:WO 2012/060980	2)FRIEDLANDER Steven
(61) Patent of Addition to Application	:NA	3)YEH Sabrina Tai Chen
Number	:NA	4)NISHIKAWA Yuko
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A TV display (12) presents a grid of thumbnails (40) representing content available for display from the Internet and next to the grid a column of thumbnails (42) representing content that conforms to a user entered query. The conforming content is located by searching the Internet from an EPG from local TV storage (20) and from the TV s home network. Search result thumbnails are prioritized according to user navigation history.

No. of Pages : 11 No. of Claims : 9

(54) Title of the invention : GUANIDINE COMPOUND

(51) International classification :C07D205/04,A61K31/426,A61K31/4402
 (31) Priority Document No :2011056031
 (32) Priority Date :15/03/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/056429
 Filing Date :13/03/2012
 (87) International Publication No :WO 2012/124696
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :3 11 Nihonbashi Honcho 2 chome Chuo ku Tokyo 1038411 Japan

(72)Name of Inventor :

1)YOSHIHARA Kousei**2)SUZUKI Daisuke****3)YAMAKI Susumu****4)YAMADA Hiroyoshi****5)MIHARA Hisashi****6)SEKI Norio**

(57) Abstract :

[Problem] To provide a compound which is useful as an active ingredient of a pharmaceutical composition especially of a pharmaceutical composition for the prophylaxis and/or treatment of VAP 1 associated diseases. [Solution] As a result of intensive studies on a compound having VAP 1 inhibitory activity the inventors have achieved the present invention by discovering that a compound of the present invention or a salt thereof has excellent VAP 1 inhibitory activity and is thus useful for the prophylaxis and/or treatment of VAP 1 associated diseases especially for the prophylaxis and/or treatment of diabetic nephropathy or diabetic macular edema. The present invention also relates to a pharmaceutical composition particularly a pharmaceutical composition for the prophylaxis and/or treatment of VAP 1 associated diseases said pharmaceutical composition containing a compound of the present invention or a salt thereof and an excipient.

No. of Pages : 317 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.118/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR SEPARATING ETHYLENE GLYCOL AND 1,2-BUTANEDIOL

(51) International classification :C07C
(31) Priority Document No :201210005498.1
(32) Priority Date :10/01/2012
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHINA PETROLEUM & CHEMICAL CORPORATION
Address of Applicant :NO.22, CHAOYANGMEN NORTH
STREET, CHAOYANG DISTRICT, BEIJING 100 728 China
(72)Name of Inventor :
1)XIAO, JIAN

(57) Abstract :

The present invention relates to a process for separating ethylene glycol and 1,2-butanediol and mainly solves the problem in the prior art in separating ethylene glycol and 1,2-butanediol: the problem of large investment and high energy consumption caused by conventional rectification requiring a very high reflux ratio and a large number of theoretical plates as well as hard separation condition or unsatisfactory separation effects caused by azeotropic rectification. The present invention solves this problem by using the technical solution wherein the material flow containing ethylene glycol and 1,2-butanediol gets into the lower-middle part of the azeotropic rectification column C3 after the light components are removed by the separating columns C1 and C2, wherein the ethylene glycol and the azeotropic agent added from the top of the column form azeotrope which is distilled out from the top of the column and gets into the phase separator D1 after being condensed, the upper phase enriched with azeotropic agent after the phase was separated returns to the top of the column to continue to participate in azeotropy, and the lower phase enriched with ethylene glycol gets into the fourth separating column C4 to be refined to obtain the ethylene glycol product and thus can be used in the industrial production of separating the material flow containing ethylene glycol and 1,2-butanediol.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2316/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONFIGURABLE PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE

(51) International classification :A61J15/00
 (31) Priority Document No :61/386793
 (32) Priority Date :27/09/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2011/054251
 Filing Date :27/09/2011
 (87) International Publication No :WO 2012/042473
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)KIMBERLY CLARK WORLDWIDE INC.
 Address of Applicant :2300 Winchester Road Neenah
 Wisconsin 54956 U.S.A.
 (72)**Name of Inventor :**
1)TAI Kok Ming
2)BAGWELL Alison S.
3)BAKER Andrew T.
4)REICHART Emily A.
5)SCHORR Phillip A.

(57) Abstract :

A configurable percutaneous endoscopic gastrostomy tube includes a shaft having a distal end and a proximal end. The shaft defines a lumen therethrough for passage of a feeding solution or medicine. An expandable retainer is located on the shaft the retainer having a deployed position and an insertion position. The tube includes a releasable lock for maintaining the expandable retainer in its deployed position the releasable lock located on the shaft proximal to the expandable retainer. A flexible sheath surrounds the expandable retainer the sheath being generally loose around the retainer when the retainer is in an insertion position and the sheath being generally snug against an exterior surface of the retainer when the retainer is in a deployed position.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1342/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L	(71)Name of Applicant :
(31) Priority Document No	:2012-082544	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:30/03/2012	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KATAOKA, DAI
Filing Date	:NA	2)FUJIKUBO, MAKOTO
(87) International Publication No	: NA	3)HANAWA, KAORU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an internal combustion engine that can easily maintain a spark plug without an influence on work for attaching or detaching the spark plug even if an actuator of a variable valve train and a spark plug are mounted on the same external sidewall of a cylinder head. [Constitution] A spark plug 13 has a leading end facing a combustion chamber and an axis 13a thereof which is tilted relative to the axis 22a of a camshaft 22 so as not to overlap a solenoid actuator 21 as viewed from a direction of the cylinder axis (the front and back direction of the figure).

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2188/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LIGHT EMITTING DEVICE AND METHOD FOR MANUFACTURING SAME

(51) International classification :H01L33/48
(31) Priority Document No :2010198377
(32) Priority Date :03/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069917
Filing Date :01/09/2011
(87) International Publication No :WO 2012/029911
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :491 100 Oka Kaminaka cho Anan shi
Tokushima 7748601 Japan
(72)Name of Inventor :
1)YAMASHITA Ryohei

(57) Abstract :

A light emitting device (100) comprises: a package (20) which generally has a shape of a rectangular parallelepiped and is configured of a molded body (30) and a lead (40) that is embedded in the molded body (30); and a light emitting element (10) which is mounted on the package (20). The lead (40) has: a connection part (41) on which the light emitting element (10) is mounted; and a terminal part (42) and an exposed part (43) that are connected to the connection part (41). The package (20) has: a bottom surface (20A); a front surface (20C) that is connected to the bottom surface (20A) and serves as a light exit surface; and a back surface (20D) that is connected to the bottom surface (20A) and faces the front surface (20C). The terminal part (42) and the exposed part (43) are connected to the back surface of the connection part (41) and exposed from the molded body (30) while being connected with the bottom surface (20A) and the back surface (20D). In addition the terminal part (42) and the exposed part (43) are separated from each other by the bottom surface (20A).

No. of Pages : 75 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2367/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NOVEL PROCESS FOR THE SYNTHESIS OF CHIRAL TETRAHYDROPYRAMIDONES AND ITS APPLICATION IN THE SYNTHESIS OF MONASTROL

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. S. NARASIMHAN
(32) Priority Date	:NA	Address of Applicant :ASTHAGIRI HERBAL RESEARCH
(33) Name of priority country	:NA	FOUNDATION 162A, PERUNGUDI INDUSTRIAL ESTATE,
(86) International Application No	:NA	PERUNGUDI, CHENNAI-96 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. S. NARASIMHAN
(61) Patent of Addition to Application Number	:NA	2)D. PRIYA MATHARASI
Filing Date	:NA	3)S. DHAMODARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the novel catalytic process of preparing chiral pyrimidone drug and related compounds with good enantiomeric excess..

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.895/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CRUISE CONTROL WITH CONVEX COST FUNCTION

(51) International classification	:B60W30/14,G01C21/34	(71) Name of Applicant :
(31) Priority Document No	:10508091	1)SCANIA CV AB
(32) Priority Date	:16/07/2010	Address of Applicant :S 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE2011/050950	1)EVALDSSON Martin
Filing Date	:14/07/2011	2)S-DEGRÉN Maria
(87) International Publication No	:WO 2012/008913	3)JOHANSSON Oskar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present invention a cost function is created such that it depends on at least a first term and a second term which have a mutual relationship between them. The cost function is also so configured that it is easy to expand to cover one or more further terms. According to the invention the cost function is created such that when it is expanded to depend on the first term the second term and at least one further term it still maintains the same mutual relationship between the first term and the second term. The cost function also indicates a mutual relationship between the at least one further term and the first and second terms.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.142/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : BIOREMEDIATION OF ARSENIC AND BIOEXTRACTION OF GOL AS A TWO-IN-ONE BIOPROCESS

(51) International classification	:B09C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT,
(33) Name of priority country	:NA	OPP. DAYANANDA SAGAR COLLEGE BANGALORE-
(86) International Application No	:NA	560078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUSANNA P
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes an indigenous strain of E.coli for bioremediation of arsenic containing soil and water. The same strain of E.coli can be used to extract gold from abandoned mine areas so that bioremediation of arsenic and bioextraction of gold can be carried out as a two-in-one bioprocess which is safe and also economical. The invention consists of a series of bioreactors. The first one removes gold, second removes arsenic and the third one neutralizes pH. Key words: Biomining-gold-E.coli-Arsenic contamination.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2262/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A NOVEL POLYMORPH OF (1-{9-[(4S, 2R, 3R, 5R)-3, 4-DIHYDROXY - 5-(HYDROXYMETHYL)OXOLAN-2-YL]-6-AMINOPURIN-2-YL}PYRAZOLE-4-YL)-N-METHYLCARBOXAMIDE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOPHORE INDIA PHARMACEUTICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT #23, 3RD FLOOR, TIE, 1ST
(33) Name of priority country	:NA	PHASE, BALANAGAR, HYDERABAD - 500 037 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAGADEESH BABU RANGISETTY
(61) Patent of Addition to Application Number	:NA	2)MANIK REDDY PULLAGURLA
Filing Date	:NA	3)MECHERIL VALSAN NANDAKUMAR
(62) Divisional to Application Number	:NA	4)DOKULA NEELAM NAIDU
Filing Date	:NA	

(57) Abstract :

The invention provides a novel polymorph of Regadenoson. More particularly, the invention provides propylene glycol solvate of Regadenoson. The invention also provides a process for the preparation of propylene glycol solvate of Regadenoson.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1662/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CHARGER

(51) International classification :H02J7/00,H01M10/44
(31) Priority Document No :2010195022
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068463
Filing Date :12/08/2011
(87) International Publication No :WO 2012/029532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato
ku Tokyo 1078556 Japan
(72)**Name of Inventor :**
1)TAKENO Atsuro
2)MARUYAMA Takashi

(57) Abstract :

Provided is a charger wherein capability of storing codes connected to the charger is improved. The charger (100) is provided with: a housing case (104) for housing therein a charger body (102); a wind around recess section (110) that is formed on the outer circumference of the housing case (104) and around which a first code (108) to be connected to the charger body (102) can be wound; and a plug recess section (116) that is formed on the housing case (104) and that is for storing a plug (114) to be connected to the front end of the first code (108). A housing section (120) that is opened in the upper direction and that houses therein a second code (118) to be connected to the charger body (102) is formed on the housing case (104).

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2226/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ROTATIONAL DAMPER AND VEHICLE SEAT WITH THE ROTATIONAL DAMPER

(51) International classification :F16F9/14,A47C1/024,B60N2/22
(31) Priority Document No :2010211581
(32) Priority Date :22/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065452
Filing Date :06/07/2011
(87) International Publication No :WO 2012/039182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OILES CORPORATION
Address of Applicant :1 6 34 Kounan Minato ku Tokyo
1080075 Japan
(72)Name of Inventor :
1)OKIMURA Akihiko
2)HORITA Naohiro

(57) Abstract :

[Problem] To provide a rotational damper having excellent response and exhibiting a damping effect only in one direction and a vehicle seat provided with the rotational damper. [Solution] A rotational damper (10) comprising: a casing (13) provided therein with a partition wall section (12) provided with a flow path (11); a rotation body (16) rotatably disposed within the casing and provided with a pair of rotation blades (14 15) for partitioning the inside of the casing into two chambers (R1 R2) in cooperation with the casing; a viscous fluid (L) contained within the casing; lip seals (17) mounted to the pair of rotation blades in such a manner that only when the rotation body rotates and moves in one direction the lip seals (17) expand in the direction perpendicular to the vertical direction to prevent the viscous fluid from flowing between the two chambers; and a lid body (18) for closing the opening of the casing.

No. of Pages : 52 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7974/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A WINDOW SHUTTER UNIT FOR EXTERNAL MOUNTING ON A BUILDING

(51) International classification :E06B3/32,E06B9/02,E06B9/26
(31) Priority Document No :PA 2011 70117
(32) Priority Date :10/03/2011
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2012/050072
Filing Date :08/03/2012
(87) International Publication No :WO 2012/119604
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VENETIAN SOLAR APS
Address of Applicant :Blish,nevej 10 DK 2970 H,rsholm
Denmark
(72)Name of Inventor :
1)THIELEMANN Stefan

(57) Abstract :

A window shutter unit (1) is for external mounting on a building. The window shutter unit comprises a plurality of hollow slats (2) mounted in a shutter frame. An air outlet opening (20) delivers ventilation air to a room in the building. A fresh air inlet system comprises air inlet openings (10) in the hollow slats (2) and a first air flow passage (8) from the individual slat to a common flow passage (9) leading to the air outlet opening (20). The shutter unit further comprises flow and temperature control devices a heat exchange device and solar cell devices for producing electrical energy to drive electric fan motors in the window shutter.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2323/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED DOFFING ARM ARRANGEMENT FOR SPINNING MACHINES

(51) International classification	:D01H9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN RAJASEKARAN
(87) International Publication No	: NA	2)KASIDURMAM MANICKAM SUBRAMANIAM
(61) Patent of Addition to Application Number	:NA	3)NATARAJAN VIJAY MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present invention, an improved doffing arm arrangement for textile spinning machine, like speed frame is developed. The improved doffing arm comprises a plurality of doffing arm section; the said doffing arm section helps in replacing the full roving bobbin by the empty bobbin tube during the doffing operation. The structural arrangement of the each doffing arm section has been changed in such a way it can overcome the collision problem during the process of doffing.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3736/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMAGE PROJECTOR SYSTEM FOR A SCANNING ROOM.

(51) International classification :A61B5/055
(31) Priority Document No :10191505.6
(32) Priority Date :17/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/054590
Filing Date :17/10/2011
(87) International Publication No :WO 2012/066434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :High Tech Campus 5 NL 5656 AE
Eindhoven Netherlands

(72)Name of Inventor :

1)GILLIES Murray Fulton

2)VAN GRONINGEN Wilhelmus Daniel Hyacinthus

3)VAN ELSWIJK Gijs Antonius Franciscus

4)VOGT Jurgen

(57) Abstract :

The invention relates to a method and a system for reducing anxiety of patients before and during e.g. MR scanning examinations. The method is based on displaying images on walls (106 107) of the scanner room (100) so that when the patient enters the scanner room then an image is displayed on a wall visible to the patient e.g. a wall adjacent to the entry door (103). When the patient is laying on the table (102) of the scanner (101) the projection of images is switched to another wall by reflecting the projected images using e.g. a mirror which is moved into the light rays emitted by an image projector.

No. of Pages : 18 No. of Claims : 12

(54) Title of the invention : INTEGRATION OF FIBER OPTIC SHAPE SENSING WITHIN AN NTERVENTIONAL ENVIRONMENT

(51) International classification :A61B19/00,A61M25/01,G01B11/16
(31) Priority Document No :61/436704
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050296
Filing Date :23/01/2012
(87) International Publication No :WO 2012/101563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :High Tech Campus 5 NL 5656 AE
Eindhoven Netherlands
(72)**Name of Inventor :**
1)MANZKE Robert
2)CHAN Raymond
3)T HOOFT Gert Wim
4)DESJARDINS Adrien Emmanuel
5)RAMACHANDRAN Bharat

(57) Abstract :

An integrated optical shape sensing system and method include an arrangement structure (132) configured to receive a fiber port or connector. A platform (130) is configured to provide a distance relationship with the arrangement structure such that the fiber port or connector is trackable to provide a location reference. The platform secures a patient in proximity to the arrangement structure. An optical shape sensing enabled interventional instrument (102) has a first optical fiber cable connectable to the fiber port or connector. An optical interrogation module (108) is configured to collect optical feedback from the instrument and has a second optical fiber cable connectable to the fiber port or connector such that a known reference position is provided for accurate shape reconstruction.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2406/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A VIBRATING DENSITOMETER INCLUDING AN IMPROVED VIBRATING MEMBER

(51) International classification :G01N9/00
(31) Priority Document No :61/379051
(32) Priority Date :01/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/055587
Filing Date :05/11/2010
(87) International Publication No :WO 2012/030353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MICRO MOTION INC.
Address of Applicant :7070 Winchester Circle Boulder CO
80301 U.S.A.
(72)**Name of Inventor :**
1)VAN CLEVE Craig Brainerd
2)MACDONALD George

(57) Abstract :

An apparatus is provided that comprises a vibrating member (402). The vibrating member (402) is for a vibrating densitometer (400). The vibrating member (402) includes one or more apertures (420). The one or more apertures (420) are sized and located in the vibrating member (402) to increase a frequency separation between a resonant frequency of a desired vibrational drive mode and a resonant frequency of one or more undesired vibrational modes.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1943/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATIC REMOVAL OF CARBON DEPOSITS FROM THE OVEN CHAMBERS AND FLOW CHANNELS OF NON RECOVERY AND HEAT RECOVERY COKE OVENS

(51) International classification	:C10B15/02,C10B43/10	(71)Name of Applicant :
(31) Priority Document No	:10 2010 044 938.5	1)THYSSENKRUPP UHDE GMBH
(32) Priority Date	:10/09/2010	Address of Applicant :Friedrich Uhde Str. 15 44141 Dortmund
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/004110	(72)Name of Inventor :
Filing Date	:16/08/2011	1)KIM Ronald
(87) International Publication No	:WO 2012/031665	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the automatic removal of carbon deposits from the oven chambers and flow channels of non recovery and heat recovery coke ovens where a coke oven battery composed typically of a plurality of adjacently arrayed coke oven chambers is utilized for the cyclical coking of coal and where an air metering device which operates with superatmospheric pressure is used in order to remove by combustion carbon deposits in the flow cross sections of the oven system and thereby to counteract a reduction in oven performance. The invention also relates to an apparatus with which this method can be performed this apparatus being integrated into the coke oven battery and at least one coke oven chamber wall allowing the carbon deposits to be removed during operation without a change in any arrangement.

No. of Pages : 30 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2340/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MEDICAL IMAGING APPARATUS WITH IMAGE PROJECTING UNITS

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAXENA, RITESH
(87) International Publication No	: NA	2)GOSWAMI, CHINMOY
(61) Patent of Addition to Application Number	:NA	3)PHILPS, JASON LEE
Filing Date	:NA	4)INNAMI, YASUYUKI
(62) Divisional to Application Number	:NA	5)DAM, ANH-KIET NGUYEN
Filing Date	:NA	

(57) Abstract :

A medical imaging apparatus having multiple image projecting units for projecting images for a subject to view is disclosed. The medical imaging apparatus is present in a scanning room for performing imaging of the subject. The medical imaging apparatus includes a table for holding the subject. The table along with the subject is facilitated by an image capturing subsystem to pass therethrough for capturing medical images of the subject. The multiple image projecting units are configured within the image capturing subsystem for projecting images to one or more of walls of the scanning room and an inner surface of the image capturing subsystem.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2401/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A BRAKE DRUM ASSEMBLY FOR VEHICLES

(51) International classification	:F16D65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNILRAJ
(87) International Publication No	: NA	2)RAVISHANKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a brake drum assembly having an cast iron liner and an outer aluminum housing. The cast iron liner is uniformly ribbed throughout its exterior surface to mechanically interlock with the aluminum housing thereby preventing relative rotary and linear movement between the inner surface and the outer housing. The outer housing is made of Aluminum which has 3 times better heat dissipating capacity than Cast Iron inner surface. Also the outer surface is designed in a way that would efficiently dissipate heat during the braking operation. The resulting brake drum assembly is light weight due to low density of Aluminum. -4

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.879/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CORD MADE OF CELLULOSIC MULTIFILAMENT YARNS HAVING AN INCREASED LINEAR DENSITY OF INDIVIDUAL FILAMENTS

(51) International classification :D01F2/00,D01F2/06,D01F2/02
(31) Priority Document No :10171956.5
(32) Priority Date :05/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063442
Filing Date :04/08/2011
(87) International Publication No :WO 2012/017034
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CORDENKA GMBH & CO. KG
Address of Applicant :Industrie Center Obernburg 63784
Obernburg Germany
(72)Name of Inventor :
1)ZIMMERER Britta
2)UIHLEIN Kurt
3)SCHEYTT Holger
4)SCHWIERSCH Gerold
5)M-SSINGER Dennis

(57) Abstract :

A cord in particular for reinforcing tyres containing a cellulosic multifilament yarn characterized in that the cellulosic multifilament yarn has a strength of at least 35 cN/tex and the individual filaments of the multifilament yarn have a linear density of at least 2.3 dtex is disclosed. In use such cords display a significantly improved fatigue behaviour i.e. a significantly higher fatigue resistance than standard cords having a linear density of the individual filaments in the range from 1 to 2 dtex.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3802/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AUTHENTICATION IN SECURE USER PLANE LOCATION (SUPL) SYSTEMS

(51) International classification :H04L29/06,H04W4/02
(31) Priority Document No :61/410882
(32) Priority Date :06/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059455
Filing Date :04/11/2011
(87) International Publication No :WO 2012/087435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :5775 Morehouse Drive San Diego
California 92121 1714 U.S.A.

(72)Name of Inventor :

1)HAWKES Philip Michael

2)WACHTER Andreas Klaus

3)ESCOTT Adrian Edward

4)EDGE Stephen William

(57) Abstract :

A particular method includes storing at a mobile device at least one security credential that is specific to the mobile device. The method also includes transmitting the at least one security credential to a secure user plane location (SUPL) location platform (SLP) to authenticate the mobile device as associated with a SUPL user based on a comparison of the device identifier to stored device identifier. The disclosed techniques may enable a SUPL server and a SUPL enabled terminal SET to negotiate which of a plurality of authentication methods is to be used.

No. of Pages : 170 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3803/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FERMENTED MILK WITH REDUCED SOURNESS AND METHOD FOR PRODUCING SAME

(51) International classification	:A23C9/13,A23C9/133	(71)Name of Applicant :
(31) Priority Document No	:2010257514	1)MEIJI CO.LTD.
(32) Priority Date	:18/11/2010	Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo
(33) Name of priority country	:Japan	1368908 Japan
(86) International Application No	:PCT/JP2011/076236	(72)Name of Inventor :
Filing Date	:15/11/2011	1)HORIUCHI Hiroshi
(87) International Publication No	:WO 2012/067081	2)INOUE Nobuko
(61) Patent of Addition to Application Number	:NA	3)SAKAGUCHI Kumiko
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] The purpose of the present invention is to provide: fermented milk which is reduced in the sourness coming from lactic acid and has a refreshing taste; and a method for producing the fermented milk. [Solution] The present invention is essentially based on the finding that fermented milk that is reduced in the sourness coming from lactic acid and has a refreshing taste can be obtained by subjecting a fermentation starting material to lactic acid fermentation after adding a small amount of an acid component (an acidulant) that has a lower degree of sourness than lactic acid to the fermentation starting material. Specifically 0.05 0.5% by weight (inclusive) of an acid component that has a lower degree of sourness than lactic acid is added to starting material milk when the total of the starting material milk and a lactic acid bacteria starter is taken as 100% by weight.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.146/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A TWO-IN-ONE METHOD FOR CONTROL AND MANAGEMENT OF ANGIOSPERMIC PARASITE CUSCUTA AND INDUCTION OF RESISTANCE IN THE HOST

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT,
(33) Name of priority country	:NA	OPP. DAYANANDA SAGAR COLLEGE BANGALORE-
(86) International Application No	:NA	560078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. HARSHA JOSEPH
(61) Patent of Addition to Application Number	:NA	2)DR. P.K. SHETTY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention uses a single chemical application for control of angiospermic parasite Cuscuta (dodder) and induction of resistance in the host plants which are generally commercial crops. The infestation of annual plants is controlled by this method and the method simultaneously induces resistance against the parasite in the host crop plant which may be perennial. Thus the invention is a two in one method that accomplishes the two tasks in a single application of a chemical.

No. of Pages : 3 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OPTICAL TOMOGRAPHIC IMAGING APPARATUS

(51) International classification :A61B3/10,A61B3/12,G01B9/02
(31) Priority Document No :2010156919
(32) Priority Date :09/07/2010
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2011/003798
Filing Date :04/07/2011
(87) International Publication No :WO 2012/004967
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

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Tokyo 1468501 Japan

(72)Name of Inventor :

1)HIROSE Futoshi

(57) Abstract :

An imaging apparatus (100) adjusts the polarization directions of irradiation beams (to a diffraction grating) corresponding to first and second beams (175 1 175 2) respectively which have different polarization directions (for example by adjusting a relative angle formed between light emitting ends of respective polarization maintaining fibers) so that the spectral characteristics of the irradiation beams at the diffraction grating (141) coincide with each other. Then the imaging apparatus acquires a tomographic image indicating polarization information for a object based on beams (that come from the diffraction grating for splitting and diffracting a beam from the adjustment unit) corresponding to the first and second beams respectively which have different polarization directions.

No. of Pages : 21 No. of Claims : 8

(54) Title of the invention : WELDER

(51) International classification :B23K9/10,B23K9/00,B23K9/095
(31) Priority Document No :2011206936
(32) Priority Date :22/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004444
Filing Date :10/07/2012
(87) International Publication No :WO 2013/042295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5718501 Japan
(72)Name of Inventor :
1)KOBAYASHI Naoki
2)IHARA Hideki
3)NAGANO Motoyasu
4)MORIKAWA Tetsuya

(57) Abstract :

According to the present invention in a welding machine that enables manual welding a voltage reducing device is activated by detecting the turning on of power to the welding machine rather than by turning on an activation checking switch for the voltage reducing device irrespective of AC or DC systems. By thus implementing a checking operation for the voltage reducing device automatically upon starting of the welding machine the present invention provides an inexpensive welding machine such that checking of the voltage reducing device can be implemented reliably before the welding machine is used.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2352/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELIMINATING THE DELAMINATION IN CO-CURED ASSEMBLY MADE OF LAMINATED COMPOSITE MATERIAL

(51) International classification	:B32B15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A. GNANASEKAR
(61) Patent of Addition to Application Number	:NA	2)K.G. VADIRAJ
Filing Date	:NA	3)VENKATESH MURTHY D
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Design improvement is a continuous process in an Aerospace industry. Any improvement to an existing design is carried out to reduce its complexity or to reduce the time for production or to reduce the cost without affecting the quality. In this connection, a Co-Cured composite part was identified for implementing the present invention to eliminate the delamination. In Co-curing, the structural elements are cured simultaneously together to get a large integral structure. During extraction of metallic tool blocks, the delamination was observed at Rib and Skin interface, as the component being multi cell closed structure the tool blocks are enclosed by the component on all sides but one side through which the tool blocks are extracted during demoulding. In the processes of demoulding delaminations are introduced. The detection of this delamination during inspection was not reliable due to the seepage of water between Rib and Skin interface, as water is used as the medium of introducing the ultrasonic energy in to the components. The delamination problem was eliminated by providing chamfer to either side of Ribs which facilitates in easy extraction of tool blocks. The presence of additional 0° Overlay ply ensures firm Rib-Skin joint and offers substantial resistance against peel and delamination. Also this additional ply prevents the entry of moisture between Rib and Skin interface and thus makes the detection of delamination if any more reliable.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2415/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : MONITORING CONVERSION CAPABILITY OF A DIESEL OXIDATION CATALYST

(51) International classification	:F01N11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ALAGURAJAN KARUNAKARAN
(61) Patent of Addition to Application Number	:NA	2)MANIKANTA BHANUTEEJA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A monitoring device for monitoring conversion capability of a diesel oxidation catalyst is disclosed. The monitoring device includes a passive catalyst in electrical connection with the diesel oxidation catalyst, a sensing element to determine a differential temperature value between heat generated by the diesel oxidation catalyst and the heat generated by the passive catalyst, the differential temperature value being represented by a voltage level, and a processing means to convert the voltage level into a conversion capability value.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2365/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD, APPARATUS AND DEVICE FOR NOTIFYING POINT OF INTERESTS ON A JOURNEY

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SREEJA ARUNKUMAR
Filing Date	:NA	2)ARTHI NARASIMHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an aspect of the present disclosure, a navigation device receives user preferences comprising preferred point of interests (POI), preset limits for a journey. The navigation device determines the preferred POIs and notifies the user before reaching that particular POI based on the preset limit. According to another aspect of the present disclosure, the device determines the distance between the two POIs of the same category during the journey and notifies the location of second POI on arrival at first POI of the same category. According to another aspect of the present disclosure, the device determines whether the user has exercised the option by monitoring the global positioning system (GPS) location of the device or the vehicle. If the user has exercised the first option, then the device will not issue next notification until the next preset limit for the same category.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2427/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CYCLIC AMIDE DERIVATIVE

(51) International classification :C07C235/84,A61K31/166,A61K31/337
(31) Priority Document No :2010197280
(32) Priority Date :03/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070010
Filing Date :02/09/2011
(87) International Publication No :WO 2012/029942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Dainippon Sumitomo Pharma Co. Ltd.
Address of Applicant :6 8 Dosho machi 2 chome Chuo ku
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(72)Name of Inventor :
1)HORIUCHI Yoshihiro
2)FUJIWARA Hiroaki
3)SUDA Hitoshi
4)SASAKI Izumi
5)IWATA Mitsutaka
6)SAWAMURA Kiyoto

(57) Abstract :

Provided is a compound represented by formula (1) or a pharmacologically acceptable salt thereof. (In the formula A represents a C arylene group or the like; R R and R each independently represents a hydrogen atom a halogen atom a C alkyl group a C alkoxy group or the like; R represents an optionally substituted C aryl group an optionally substituted 5 12 membered monocyclic or polycyclic heteroaryl group an optionally substituted C aralkyl group or the like; m represents 0 or the like; and n represents an integer of 0 2.)

No. of Pages : 265 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.196/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SURFACE VIBRATION MEASUREMENT MONITORING AND ANALYSIS

(51) International classification	:B60L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRE FOR DEVELOPMENT OF ADVANCED
(32) Priority Date	:NA	COMPUTING
(33) Name of priority country	:NA	Address of Applicant :VELLAYAMBALAM,
(86) International Application No	:NA	THIRUVANANTHAPURAM 695 033 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MOHANACHANDRAN R.
(61) Patent of Addition to Application Number	:NA	2)HANEESH SANKAR T.P.
Filing Date	:NA	3)SUBODH P.S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method and system for the measurement of surface the same using ultrasonic noncontact measurement technigne employing freqnemy down convension.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1632/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : CONNECTOR

(51) International classification :H01R13/42
(31) Priority Document No :2010192424
(32) Priority Date :30/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067506
Filing Date :29/07/2011
(87) International Publication No :WO 2012/029483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1088333 Japan
(72)**Name of Inventor :**
1)SHINKAWA Daisuke
2)NAGAYOSHI Tomihiko

(57) Abstract :

A connector configured so that the shear strength of the lance is efficiently increased to increase the holding force of the lance in order to prevent a reduction in the holding force due to a size reduction. A connector (11) is provided with a flexible engagement element (25) having a free end (27) with which a terminal fitting is engaged the terminal fitting being inserted in a terminal containing chamber (17) for containing the terminal fitting the terminal containing chamber (17) supporting the base end of the terminal fitting in a cantilever configuration so that the terminal fitting can deform elastically. The flexible engagement element (25) is formed in such a manner that a beak (31) which is formed at the free end (27) with which the terminal fitting is engaged is formed as a sloped surface (29) formed so that the height of the top section (41) thereof is gradually increased from the free end (27) toward the base end in such a manner that the shear area is maximum at the beak (31).

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETERRING ANIMALS

(51) International classification :A01M29/10
(31) Priority Document No :586797
(32) Priority Date :14/07/2010
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2011/000130
Filing Date :13/07/2011
(87) International Publication No :WO 2012/008855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Level 2 2 Fred Thomas Drive Takapuna
Auckland New Zealand
(72)Name of Inventor :
1)BROWN Crawford Renfrew

(57) Abstract :

An animal deterrence system projects polarised light in order to deter animals. The light may be plane polarised light and the polarisation may be varied over time. The system is particularly suited to deterrence of birds but may also find application in deterrence of other animals sensitive to polarisation of light such as bees and wasps. The system may be used on vineyards or orchards or around airports or in any other place where birds are problematic.

No. of Pages : 15 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3439/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ACTIVATING LICENSABLE COMPONENT PROVIDED BY THIRD PARTY TO AUDIO VIDEO DEVICE

(51) International classification :G06F21/00
(31) Priority Document No :61/412552
(32) Priority Date :11/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055027
Filing Date :06/10/2011
(87) International Publication No :WO 2012/064430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108
0075 Japan
(72)Name of Inventor :
1)SHINTANI Peter
2)DOUILLET Ludovic Etienne

(57) Abstract :

An audio video display device (12) can download from a third party server (200) a licensable component on which a royalty is to be paid. Various methods are disclosed for accounting for royalties associated with downloading the licensable component to the client device (12) between the third party server (200) and a client device manufacturer server (206).

No. of Pages : 36 No. of Claims : 19

(54) Title of the invention : PHARMACEUTICAL FORMULATION HAVING NEUROPROTECTIVE ACTIVITY

(51) International classification :A61K31/58,A61K31/255,A61P25/00
(31) Priority Document No :2010255422
(32) Priority Date :15/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075802
Filing Date :09/11/2011
(87) International Publication No :WO 2012/066994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)ISHIBASHI Tatsurou
2)HISATOMI Toshio
3)NOUTOMI Syouji
4)ENAIDA Hiroshi
5)KAGIMOTO Tadahisa

(57) Abstract :

[Problem] The purpose of the present invention is to provide a neuroprotective agent which is capable of effectively protecting intraocular cells including optic nerves and is effective as a composition for ophthalmic membrane staining in cases where removal of an ophthalmic membrane is carried out. [Solution] The purpose is achieved by a neuroprotective agent which contains as active ingredients: Brilliant Blue G a pharmaceutically acceptable salt thereof or a pharmaceutically acceptable solvate thereof; and triamcinolone acetonide a pharmaceutically acceptable salt thereof or a pharmaceutically acceptable solvate thereof. This neuroprotective agent has ophthalmic membrane staining effect due to BBG and exhibits extremely high neuroprotective activity due to synergetic effect of Brilliant Blue G and triamcinolone acetonide.

No. of Pages : 16 No. of Claims : 5

(54) Title of the invention : APPARATUS AND METHOD FOR THERMAL INTERFACING

(51) International classification :H01L23/36,H01L23/367,H01L23/373
 (31) Priority Document No :61/364890
 (32) Priority Date :16/07/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/GB2011/001059
 Filing Date :15/07/2011
 (87) International Publication No :WO 2012/007722
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 FK10 2HU U.K.
 (72)Name of Inventor :
1)BEALE Gary
2)MCERLEAN Eamon

(57) Abstract :

An apparatus (20) for use as an amplifier has a transistor (26) for providing signal amplification a heat pipe or circulated fluid heat sink (22) and a thermal interface device (24) for providing mechanical and thermal connection between the transistor (26) and the heat sink (22). In use to facilitate efficient transfer of heat/thermal energy from the transistor (26) to the heat sink (22) the plate (24) is provided between the heat sink (22) and the transistor (26). The plate (24) connects the heat sink (22) to the transistor (26) and provides a thermal conduit therebetween.

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3456/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SYNCHRONIZATION OF DATA IN A DISTRIBUTED COMPUTING ENVIRONMENT

(51) International classification :H04L7/00
(31) Priority Document No :12/940813
(32) Priority Date :05/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056323
Filing Date :14/10/2011
(87) International Publication No :WO 2012/060994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LYONS Gary Robert

3)CHANG Michael

4)GARAY Rommel M.

5)WINTER Edward Theodore

6)LAWTON Andrew Lee

7)CARPIO Fredrik

8)CRISAN Adrian

9)KISHIMOTO Toyooki

(57) Abstract :

A method for data synchronization across multiple target destinations in a computer network includes acquiring information about the target destinations wherein: the target destinations comprises at least one of a network account in the computer network or a target device coupled to the computer network or associated with the network account; and the acquired information includes identification information associated with the target destinations. The method may also include receiving at a user device data from a data source; filtering the received data based on information included in the received data and in the identification information; identifying based on the filtering a selected target destination for receiving the filtered data; and transmitting the filtered data to the identified selected target destination.

No. of Pages : 45 No. of Claims : 20

(54) Title of the invention : METHOD FOR MEASURING GLYCOSYLATED HEMOGLOBIN

(51) International classification :C12Q1/26,C12Q1/28,G01N21/78
 (31) Priority Document No :2010180563
 (32) Priority Date :11/08/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/068104
 Filing Date :09/08/2011
 (87) International Publication No :WO 2012/020745
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)SOYA Haruyo
2)MURAKAMI Tomomi
3)TSUNODA Haruki
4)OHSUGI Yu
5)YODA Ayako
6)MATSUSHITA Masashi

(57) Abstract :

A method for measuring glycosylated hemoglobin in samples containing hemoglobin is characterized in that: glycosylated hemoglobin in a sample containing hemoglobin is reacted with protease in the presence of at least one type of salt selected from a group comprising pyridinium salt phosphonium salt imidazolium salt and isoquinolinium salt; fructosyl peptide oxidase is made to act on the resulting reaction product; and the hydrogen peroxide that is produced is measured. The present invention provides a method for accurately measuring glycosylated hemoglobin in samples containing hemoglobin

No. of Pages : 95 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3723/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : OBESITY HYPOVENTILATION SYNDROME TREATMENT SYSTEM AND METHOD

(51) International classification :A61M16/00,A61M16/10,A61M16/16
(31) Priority Document No :61/416336
(32) Priority Date :23/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055089
Filing Date :15/11/2011
(87) International Publication No :WO 2012/069957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)TRUSCHEL William A.
2)PROCYK Christopher Anthony
3)MCDERMOTT Mark Christopher
4)MAHADEVAN Anandi

(57) Abstract :

A pressurized flow of breathable gas is delivered to the airway of a subject in accordance with a therapy regimen. The therapy regimen calls for maintenance of an average tidal volume. The therapy ensures that the subject breaths at a therapeutic breath rate. The breath rate may be determined dynamically based on breathing of the subject early on in a therapy session and/or based on a detected wakefulness of the subject. Inspiration for spontaneous and non spontaneous breaths may be supported at different levels. The therapy regimen further maintains a beneficial positive end expiratory pressure to reduce respiratory obstructions and/or for other purposes.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3891/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR SECRETLY REVEALING ITEMS ON A MULTI TOUCH INTERFACE

(51) International classification	:G07F17/32,G06F3/048	(71) Name of Applicant :
(31) Priority Document No	:12/917744	1)NOVOMATIC AG
(32) Priority Date	:02/11/2010	Address of Applicant :Wiener Strasse 158 A 2352
(33) Name of priority country	:U.S.A.	Gumpoldskirchen Austria
(86) International Application No	:PCT/EP2011/069266	(72) Name of Inventor :
Filing Date	:02/11/2011	1)HOMER Alois
(87) International Publication No	:WO 2012/059519	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method including a multi touch interface for card gaming includes providing a multi touch interface for displaying a card having a hidden value. The method includes detecting a touch on the interface. The touch has a curved pattern with multiple points of contact with the interface. The curved pattern is indicative of the lateral edge of a human hand in contact with the interface oriented to hide the card from others. The method then detects movement of the multiple points of contact sweeping over a portion of the interface to reveal the value of the card to the user.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3892/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : PERFORMANCE MONITORING IN A MOBILE COMMUNICATION NETWORK

(51) International classification :h041
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2010/051407
Filing Date :17/12/2010
(87) International Publication No :WO 2012/082036
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)W,,NSTEDT Stefan
2)ENSTR-M Daniel

(57) Abstract :

Embodiments of the present invention relate to methods and network nodes in e.g. a LTE network for detecting congestion. In the method a packet is received from a user equipment via a base station the packet is analyzed to detect information of the packet and if the packet comprises a marker indicating congestion and if said marker is detected ingress IP number of the tunnel used for said packet is extracted and information of the marked packet and the extracted ingress IP number of the tunnel used for said packet are sent to a performance monitoring node such that identity information of the base station that has inserted the marker into the packet can be extracted at the performance monitoring node.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.892/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : FIRE RESISTANT WOVEN FABRICS AND GARMENTS

(51) International classification :D03D15/12,D03D15/00,A41D13/00
(31) Priority Document No :61/368678
(32) Priority Date :29/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045860
Filing Date :29/07/2011
(87) International Publication No :WO 2012/016124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HINES Robert Winfred
2)BAILEY Jonathan James
3)CONE Leslie Gene

(57) Abstract :

Optionally dyed woven fabrics and garments are disclosed that exhibit fire resistance arc resistance moisture management (water release rate and wicking) and abrasion resistance without the undesirable addition of topical treatments. Certain embodiments of the woven fabric are disclosed that comprise a plurality of weft yarns comprising a blend of fibers with inherently fire resistant fibers with superior moisture management properties and a plurality of warp yarns optionally dyed comprising cellulose derivatives. The woven fabrics are particularly useful in denim work clothes because they are comfortable to wear and exhibit fire resistance and abrasion resistance

No. of Pages : 58 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.628/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A WIPER SYSTEM FOR CLEANING DUST DEPOSIT ON THE CABIN GLASS OF OPERATING CABIN IN EOT CRANES.

(51) International classification	:B66C 13/00	(71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :ROURKELA STEEL PLANT,
(32) Priority Date	:NA	ROURKELA-769011, ORISSA India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BHATTACHARYA, APARUP
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wiper system for installation on the wall of operating cabins in EOT cranes adapted to clean dust deposited on the cabin glass of operating cabin in EOT cranes. More particularly, the present invention is directed to providing a wiper system for cleaning glass pane of operators cabin of an EOT crane wherein the operator himself can clean the glasses with a wiper as and when required while working by simply operating a handle from within the cabin while the crane is in operation to ensure clear visibility in a quick, simple and safe manner avoiding downtime of crane or hindrance to shopfloor activity.

No. of Pages : 11 No. of Claims : 7

(54) Title of the invention : AN INSULATING NOZZLE TO IMPROVE INTERRUPTING PERFORMANCE OF HIGHER VOLTAGE CIRCUIT BREAKERS

(51) International classification	:H01H 33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(86) International Application No	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MANDAVA MOHANA RAO
(62) Divisional to Application Number	:NA	2)GORREPATI VENKATA SUBBA RAO
Filing Date	:NA	3)SISHTLA VENKATA NATARAJA JITHIN SUNDAR

(57) Abstract :

The invention relates to an insulating nozzle to improve interrupting performance of higher voltage circuit breakers, the high voltage circuit breaker comprising : a socket contact assembly comprising a socket, an insulating shroud, and a dynamic current carrying contact; a socket support covered by the insulating shroud of the socket contact assembly; a dynamic field electrode surrounding a pin acting as a second movable contact, the pin is constructed such that the pin upon entering inside the nozzle accelerates the arcing energy till the pin exits a throat region; a stationary current carrying contact assembly internally accommodating the assembly of the pin and dynamic field electrode, the static current contact assembly comprises a static current carrying contact shield and a static current carrying contact; the dynamic field electrode in the open condition of the interrupter projecting out from the static current carrying contact shield to allow the gas gap between the dynamic field electrode and the dynamic current carrying contact determine the withstandable voltage; the interrupter operating under three coupled volumes, the first volume being a compression volume, the second volume being an expansion volume, and the third volume being an intermediate volume which in combination provides an efficient gas flow rate at the time of interruption; the nozzle comprising :- a first terminal integrated to the socket contact assembly; a second terminal coupled to the pin through a mechanical coupling and energy storage device; a converging zone connecting the intermediate volume and the throat region and having a converging angle, and an extendable length, the length being dependent on profile of said insulating shroud including the fault current to be interrupted; a straight zone or throat region convergingly connecting a first diverging zone, the occupied length of the zone depending on speed of the moving contact system and the diameter of the zone corresponding to the fault current to be interrupted; the first diverging zone having an angle of divergence about 40 to 60°, and an occupied length corresponding to the diameters of the throat, fixed contact and fixed movable contact; a second diverging zone having a divergence angle about 2 to 5° and an extendable length corresponding to speed of the moving contact, dual motion contact means and arcing time of the circuit breaker; and a third diverging zone having a divergence angle more than 40°, and an occupiable distance depending on the difference between time to establish isolation between the arcing contacts and maximum arcing time, wherein the electrostatic field across main current carrying contacts and arcing contacts is maintained uniform, wherein communication of hot/ionized gas from the arcing contacts to the gas gap formed between the socket contact assembly and static current carrying contact assembly is prevented, wherein the gas gap between the socket and the insulating shroud and between the insulating shroud and the insulating shroud and the nozzle allows discharge of sufficient gas flow from the intermediate volume including maintenance of uniform electrostatic field across insulator shroud and the nozzle.

No. of Pages : 24 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.653/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD AND A SYSTEM FOR EVALUTION OF REVERSIBLE WATERMARKING OF DIGITAL IMAGES AND AUDIO

(51) International classification	:G06T1/00, H04N1/44	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR 721302, DIST - MIDNAPORE, STATE OF WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAKRABORTY, RAJAT, SUBHRA
(61) Patent of Addition to Application Number	:NA	2)NASKAR, RUCHIRA
Filing Date	:NA	3)SARKAR, BITTU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is system and method for the implementation of fourteen commonly used state-of-the-art reversible watermarking algorithms for digital images and audio, producing the watermarked files in appropriate formats for the user to store them on local drive is disclosed. Systems and methods disclosed in the present invention have provisions for testing the performances of those algorithms and comparing them against each other (in terms of common performance metrics). The results of those comparisons are presented to the user, in forms of graphs, plots and Jog files for use at a later point of time. The software platform allows the execution and performance comparison of all the pre-stored algorithms using the same graphical user interface.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'A METHOD OF REPLACING A CONVENTIONAL SPRING WITH BEARING-LESS SPRING ASSEMBLY IN BOWL MILLS IN AN OPERATING THERMAL POWER PLANT'

(51) International classification	:F16C 13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(86) International Application No	:NA	KARUNAMOYEE,SALT LAKE CITY KOLKATA-700091
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VASAMSETTI BABU RAO
(62) Divisional to Application Number	:NA	2)TALARI MOHAN RAO
Filing Date	:NA	3)NIRNITH SAI SUKHDHAM

(57) Abstract :

The invention relates to a method of replacing an existing journal spring assembly with a bearing-less spring assembly in bowl mills in an operating thermal power plant, the bearing-less spring assembly comprises a spring cup fitted on a journal opening cover by at least a first coupling device consisting of a hexagonal screw, a spring washer, and a machined washer, the spring cup provided with a pressure spring assembly; a spring support cover releasably attached to said journal opening cover by at least one second coupling device consisting of a spring washer, a bolt retainer clamp, a pressure hexagonal bolt, and a hexagonal nut; and a spring extension cap for assembly on the spring support cover, the method comprising the steps of removing the existing journal opening cover by gas-cutting and grinding the cut surface; welding a round plate on the spring support cover; enlarging the bore diameter to accommodate the spring support cover of the bearing-less spring assembly; drilling a plurality of equally-spaced through holes to accommodate the spring support cover; drilling equally spaced tapped holes to assemble the pressure cup.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.662/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN AUTOMATED ARRANGEMENT FOR OPENING AND CLOSING OF THE TAILGATE OF A TIPPER TRUCK OR ANY SUCH DOOR

(51) International classification	:B62D33/027
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR 721302, DIST - MIDNAPORE, STATE OF WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)KRISHNA, NEERAJ, G
2)BAYARI, PARKALA, YASKADEVA

(57) Abstract :

The present invention relates to automatic opening and closing of the tailgate of a Tipper Truck or any such door with the lifting and lowering of the dump container using simple mechanism without the use of any separate power source. The present invention provides an automated arrangement for opening and closing the tailgate of a tipper truck. The cost involved in constructing and installing the mechanism is very less.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.666/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AUTOMATIC DRILLING MACHINE WITH MULTI-STAGE CHIP DISCHARGE MECHANISM

(51) International classification	:E21B 21/00	(71) Name of Applicant : 1)LIN, CHING-SHAN
(31) Priority Document No	:NA	Address of Applicant :NO. 481, GUOZHONG RD., DALI
(32) Priority Date	:NA	CITY, TAICHUNG COUNTY 412, TAIWAN (R.O.C.)
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)LIN, CHING-SHAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic drilling machine with multi-stage chip discharge mechanism includes a drilling machine 1 having a working portion 11 and a driving portion 12. A transmission mechanism 2 is disposed in the drilling machine 1. The transmission mechanism 2 has a driven shaft 21, a main shaft 22 and an adjusting assembly 23. A gear member 222 sleeves onto the main shaft 22. The gear member 222 has a first gear 2221 and a second gear 2222. Either the first gear 2221 or the second gear 2222 has at least one intermission portion 2223. Therefore, a user could choose different actuating method for drilling such as continuously drilling or intermittently drilling for chip discharging.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.630/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM, A DEVICE AND A METHOD FOR RECOVERING AND DEWATERING FINER PARTICLES

(51) International classification	:B03B7/00, B03B9/00	(71) Name of Applicant : 1)CDE ASIA LIMITED Address of Applicant :NH-6, JALAN INSDUSTRIAL PARK, DHULAGARH, HOWRAH-711302, STATE OF WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BHARTIA, MANISH
(87) International Publication No	: NA	2)BANDYOPADHYAY, ARABINDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for recovery and dewatering of finer particles is provided comprising a) sump, pump and pipe line; b) hydro cyclone battery; c) optionally a magnetic separator and high efficiency dewatering screen. A method of recovery and dewatering of finer 10 particles is also provided.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.646/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : NEW FASTENING SYSTEM FOR CHECK RAIL

(51) International classification	:E01B9/62, E01B9/60, E01B3/00	(71) Name of Applicant : 1)DEY DIPAK Address of Applicant :RESIDING AT 9, SOUTH BUXSHARA 1ST BY LANE, P.O.-D. SK. LANE, HOWRAH - 711109, WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DEY DIPAK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A new fastening system for check rail including a base Plate (1) on which a check rail (3) the said base plate which supports the check rail while transferring the weight of check rail on the running rail and at the same time holding the running rail vertically and laterally, the base plate being provided with a locating pin, integral with said base plate and as shown illustrated in the drawing to ensure the correct location in the sleeper. The locating pin is integral with said base plate used for steel and wooden sleeper, and optionally required for assembly with PSC Sleeper. The said fastening system is preferably insulated by providing insulation at the point of contact of base plate with running rail.

No. of Pages : 6 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.625/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A 4-WIRE 3-PHASE POWER DISTRIBUTION NETWORK SENSOR FOR MONITORING MINUTE LOAD UNBALANCE AND HARMONIC NOISE

(51) International classification	:G11B 27/00	(71) Name of Applicant : 1)INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
(31) Priority Document No	:NA	Address of Applicant :2A & 2B RAJA S.C.MULLICK
(32) Priority Date	:NA	ROAD, JADAVPUR, KOLKATA 700032, West Bengal India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NATH, DEB NARAYAN
Filing Date	:NA	2)MONDAL, JAYDEB
(87) International Publication No	: NA	3)NATH, SAGNIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sensor system for sensing network parameters of 3-phase power distribution network or power line to interpret neutral failure in said power distribution network or power line comprising means for generating stabilized reference signals synchronized to the three phases of said power distribution network or power line and thereby generating inverting neutral voltage with respect to ground and means for determining electronic attribute related to the neutral voltage. The determined electronic attributes are compared in comparator circuits with their predefined set values to interpret the neutral failure in the power distribution network or the power line.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.626/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A CACHE TIMING ATTACK RESISTANT PREFETCHING SYSTEM.

(51) International classification	:G06F11/00, G06F12/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
(32) Priority Date	:NA	Address of Applicant :SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BHATTACHARYA, SARANI
Filing Date	:NA	2)MUKHOPADHYAY, DEBDEEP
(87) International Publication No	: NA	3)REBEIRO, CHESTER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A secured processor system having cache memories comprising cache memories enabled with prefetcher means having dedicated prefetching routine involving even-odd sequential prefetching adapted to prefetch the next block depending on whether the current block is even or odd whereby if the current block is even, then prefetching the immediately next block and if the current block is odd, prefetching the previous block enabling controlling leakages and processor security.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.627/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : LOW CAPACITY MIXED GAS BURNER FOR LONG FLAME GENERATION

(51) International classification	:C03B 37/00	(71) Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(32) Priority Date	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(33) Name of priority country	:NA	Jharkhand India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SEN MRINAL
(87) International Publication No	: NA	2)VAIDYANATHAN THAMARAI SELVAN
(61) Patent of Addition to Application Number	:NA	3)KUMAR PRABHAS
Filing Date	:NA	4)SINGH AWADHESH PRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a low capacity mixed gas burner for long flame generation. The low capacity mixed gas burner is adapted for controlled mixing of gas and combustion air with minimum excess air to generate long flame suitable for application in flame heating furnace and the like. Importantly, the low capacity mixed gas burner according to the present invention comprises concentric gas and air pipes of suitable dimensions to obtain desired mixing of gas and air streams at the burner nozzle involving specially configured air nozzle for sending combustion air surrounding the gas stream and a gas nozzle with suitable flame stabilizer to generate stable and long flame inside the furnace with mixed gas. The gas nozzle with said flame stabilizer is fixed inside the combustion air nozzle at a certain distance inside the air nozzle tip to obtain desired gas /air mixing and long flame even at low heat load.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.550/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :15/11/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEVELOPMENT OF ADVANCED SHAPED HYDROFORMED QUILTED PANELS (ASHQP) TO OPERATE AT 80K AND 4K CRYOGENIC TEMPERATURE

(51) International classification	:B62D 23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)I-DESIGN ENGINEERING SOLUTIONS LTD.
(32) Priority Date	:NA	Address of Applicant :(SUBSIDIARY OF RSB TRANSMISSION (I) LTD.) N2/40, IRC VILLAGE, NAYAPALLI BHUBANESWAR-751015, ORISSA, INDIA.
(33) Name of priority country	:NA	2)INSTITUTE FOR PLASMA RESEARCH
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SWARUP UDGATA
(87) International Publication No	: NA	2)MR. RAVI PRAKASH N. (ENGINEER-SF)
(61) Patent of Addition to Application Number	:NA	3)MS. RANGANA GANGRADEY (SCIENTIST-SE)
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an advanced shaped hydroformed quilted panel (ASHQP) to operate at 80K and 4K cryogenic temperature;a perfectly straightened metal tube (1) with surface finish to allow a higher heat transfer, the metal tube (1) being bent without any degree of pinching at the bent position to eliminate undesirable flow of cryogenic fluid in the bent area; and a flat metal sheet (2) clamped to the metal tube (1) in a clamping device and joined together using a roll seam welding technique by maintaining weld spacing such that leak-tightness and distortion control can be prevented; wherein the tube, sheet, and weldments are selected of identical metal grade and standard.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.633/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 1,4-TRIAZOLE BASED POLYPHENOL HYBRIDS.

(51) International classification :C08F220/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY,KHARAGPUR

Address of Applicant :SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL, INDIA.

(72)Name of Inventor :

1)BANERJEE, DEB RANJAN

2)DUTTA, DEBAJYOTI

3)SAHA, BAISAKHEE

4)BASAK, AMIT

5)DAS, AMIT KUMAR

(57) Abstract :

FabG4 gene inhibitor/ molecule and drugs and/ or pharmaceutical compositions comprising the same involving triazole based polyphenol hybrids and related derivatives as the active adapted to strongly suppress and/or influence the growth of Mycobacterium species to be thus therapeutically efficacious to treat Mycobacterium tuberculosis having very low MIC (Minimum Inhibitory Concentration) levels. Said 1-4-triazole-polyphenol derivatives of the present invention in having high solubility in water also in addition to solid formulations facilitates liquid formulations involving buffer/ saline medium, liquid emulsions for oral administration and are also stable in presence of pharmaceutical carriers that may be optionally added to the formulations to favour activity and transport of the active molecule also favours stability.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.634/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A SYSTEM FOR REAL-TIME ASSESSMENT OF ALERTNESS LEVEL OF HUMAN BEINGS

(51) International classification	:A61B 5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
(32) Priority Date	:NA	Address of Applicant :KHARAGPUR - 721 302 INDIA. West Bengal India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PROF. AUROBINDA ROUTRAY (ELECTRICAL)
Filing Date	:NA	2)MR. ANIBAN DASGUPTA (ELECTRICAL)
(87) International Publication No	: NA	3)MS. ANJITH GEORGE (ELECTRICAL)
(61) Patent of Addition to Application Number	:NA	4)MR. S.L. HAPPY (ELECTRICAL)
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for real-time assessment of alertness level in human beings. The system comprising at least one digital camera for capturing the image of a subject in a given time window; an embedded processor with a logic rule for receiving, processing the captured image data, and outputting signals representing alertness state classification of the subject; a display device for exhibiting the outputted alertness level data from the processor; and a device for sounding an alarm when the detected alertness level of the subject is below a threshold value. The system is configured to: localize the face and eye of the subjects image within the captured image frame; register the eye image and transmit to the processor; remove glint in the eye image; detect the eye corner of the subjects registered eye image to obtain a reference point; compute an iris centre position of the eye; determine an iris velocity; and decide the alertness level of the subject based on a comparison of the processed data with a pre- stored set of data.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.31/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : STRUCTURE FOR END OF MI CABLE AND METHOD FOR PRODUCING THE SAME

(51) International classification :H01R 4/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2013/003517

Filing Date :04/06/2013

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OKAZAKI MANUFACTURING COMPANY

Address of Applicant :1-3 GOKODORI 3-CHOME, CHUO-KU KOBE-SHI, HYOGO 6510087, JAPAN

(72)Name of Inventor :

1)NISHIKAWA, TAKETO

2)OKAZAKI, KAZUhide

(57) Abstract :

The present invention provides a structure for an end of an MI cable, capable of being produced in a short time with a small number of processing steps. In the structure for the end of the MI cable, a connector including metal pins is attached to the end of the MI cable, and the metal pins respectively have sharp-pointed front ends stuck into the end faces of the wires of the MI cable, and rear ends functioning as electrodes for connection with a soft cable.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.650/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'AN IMPROVED RECEPTACLE MOUNTING DEVICE ADAPTABLE IN OIL RIG POWER CONTROL ROOM (PCR)'

(51) International classification

:H01R
13/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No
Filing Date

:NA
:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number
Filing Date

:NA
:NA

(62) Divisional to Application Number
Filing Date

:NA
:NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGION CAL OPERATIONS
DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

1)DIPAK SHARMA

2)RAJESH AGARWAL

3)RAKESH VISHNOI

4)ROHIT VERMA

5)PRAVEEN SHAH

(57) Abstract :

The invention relates to an improved receptacle mounting device for socket board of Oil Rig Power Control Room (PCR) comprising a plurality of socket mounting rings having two sets of threaded holes, a first set of holes for fixing the socket mounting ring easily on the receptacle board by using screws from inside the PCR, and the second set of holes is used for mounting of the socket from outside the PCR, wherein the first set of holes on the receptacle mounting ring is selected based on weight of the plug-receptacle combination and associated cable being independent of diameter of the mounting hole of the socket and number of mounting holes on the receptacle (socket), and wherein the receptacle mounting ring comprises a third set of tapped holes over which the receptacle is mounted from outside the PCR.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.651/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'AN IMPROVED SILENCER FOR EFFECTIVELY REDUCING NOISE PRODUCED BY AC MOTORS WITH CACA ENCLOSURE WHILE IN OPERATION'

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	1/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR
(86) International Application No	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANISH NARAYAN
(62) Divisional to Application Number	:NA	2)VIPUL AGARWAL
Filing Date	:NA	3)VAIBHAV PANCHBHAI

(57) Abstract :

The invention relates to an improved silencer for effectively reducing noise produced by AC motors with CACA enclosure while in operation, comprising a front plate (02) detachably attachable to a fan ducting flange of the motor structure; a shaped wrapper plate (01) welded at one end to the front plate (02), a second end of the wrapper plate (01) is rigidly joined to a back flange (06); a shaped top cover (05) welded with wrapper plate (01) and back flange (06); a back cover (03) and a flange (06) assembly; a middle plate (04) for guiding air flow to the external suction fan; a glass wool slab applied on the entire internal walls of the silencer; and a perforated sheet disposed cover the glass wool slab, the perforated sheet having at least 70% open space, and the glass wool slab is selected to have minimum required density.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.192/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : AUTOMATED MANUAL TRANSMISSION WITH ELECTRIC MOTOR GENERATOR

(51) International classification	:F16H 3/00	(71) Name of Applicant :
(31) Priority Document No	:13/905465	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:30/05/2013	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CRAIG S. ROSS
(87) International Publication No	: NA	2)SCOTT H. WITTKOPP
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The transmission includes an input shaft rotatable about a first axis of rotation, and a countershaft arranged substantially parallel with the input shaft and rotatable about a second axis of rotation. An output member is operatively connected to rotate in unison with the countershaft. Multiple pairs of intermeshing gears are included, each having a respective synchronizable gear that rotates about one of the input shaft and the countershaft, and a respective fixed gear mounted to the other one of the input shaft and the countershaft to rotate in unison therewith. An electric motor has a rotor concentric with and rotatable about the first axis of rotation. A first synchronizer is selectively engageable to synchronize rotation of the rotor with the input shaft. A second synchronizer is selectively engageable to synchronize rotation of the rotor with one of the synchronizable gears that rotates about the input shaft.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.649/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NON-CONTACT METHOD OF MAKING FRONT AND REAR CONTACT METALLIZATION IN SILICON SOLAR CELLS BY DIRECT LASER SINTERING OF METAL POWDERS.

(51) International classification	:H01L31/05, H01L31/18	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :WITH ONE OF ITS REGIONAL OFFICE AT AMORPHOUS SILICON SOLAR CELL PLANT, GWALPAHARI, GURGAON HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ABHISHEK SHARAN
Filing Date	:NA	2)DR. BASUDEV PRASAD
(62) Divisional to Application Number	:NA	3)MRS. SHIVANGI JHA,
Filing Date	:NA	

(57) Abstract :

The invention relates to a non-contact method of making front and rear contact metallization in silicon solar cells by direct laser sintering of metal powders, the method comprising the steps of chemical etching of standard silicon crystal silicon solar cells; forming P-N junction of the cells; removing the parasitic junctions of the formed wafers; passivation of the formed wafers; depositing ARC layer on the wafers; screen printing the front contacts of the wafers; drying the front contacts; screen printing the back contacts; drying the back contacts; co-firing of the front and back contacts;

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.660/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : REGISTER

(51) International classification	:G02B 7/00	(71)Name of Applicant : 1)HOWA PLASTICS., LTD.
(31) Priority Document No	:NA	Address of Applicant :45-1, NISHIMIYAMAE,
(32) Priority Date	:NA	NISHINAKAYAMA-CHO, TOYOTA-SHI, AICHI, 470-0496
(33) Name of priority country	:NA	JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HIBINO YOSHIMITSU
(87) International Publication No	: NA	2)TORII YOSHIKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A barrel unit having an air outlet on the front portion of an air passage provided inside a barrel main body is axially supported turnably inside a retainer by turning shafts on both sides parallel to the transverse direction of the air outlet. Inside the barrel main body of the barrel unit, a turning louver including a plurality of movable fins provided side by side turnably around pivots on both sides is provided turnably. In a portion that is gradually narrowed toward the blowing-out direction between the outer wall surface of the barrel main body and the inner wall surface of the retainer, on the inner wall surface of the retainer or the outer wall surface of the barrel main body, concave and convex line portions for preventing a whistling noise are formed parallel to the air-feeding direction.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.661/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A NOVEL FILLER FOR SMOKING ARTICLE

(51) International classification	:A24B15/14, A24B15/16	(71) Name of Applicant : 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37, J.L.NEHRU ROAD, KOLKATA -
(32) Priority Date	:NA	700 071, STATE OF WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)TYAGI, KAMAL, KUMAR
Filing Date	:NA	2)MEHTA, SHARAD, KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reconstituted tobacco which can be blended with tobacco, said reconstituted tobacco comprising 20-90%, preferably 30-80 % by weight tobacco remains, 5-70 %, preferably 8-50 % by weight HPMC, 1-30%, preferably 5-20 % by weight water soluble gum, 0.5-50 %, preferably 2-15 % by weight burn modifier, 5-50%, preferably 10-20 % by weight glycerin and 0-50 %, preferably 2-10 % by weight of filler and optionally flavoring agents. Also provided are processes for preparing the reconstituted tobacco.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.654/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : SELF CORRECTING DVR RECORD PIPELINE

(51) International classification	:H04N 5/00	(71)Name of Applicant : 1)GENERAL INSTRUMENT CORPORATION Address of Applicant :101 TORRNAMENT DRIVE HORSHAM, PA 19044 UNITED STATES OF AMERICA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SCHMITT ERNEST G.
Filing Date	:NA	2)FAISAL
(87) International Publication No	: NA	3)MAHESWARAM SURYA P.
(61) Patent of Addition to Application Number	:NA	4)SHROT MANU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for a self-correcting DVR record pipeline may provide for simpler, lower cost transport producer hardware elements. A free running transport pipeline producer may fill transport buffers without waiting for feedback from the data consumer that data has been completely processed. The pipeline data consumer independently detects transport buffers that are overwritten before processing on the buffer content is complete. The pipeline data consumer drops or deletes any invalid content or stream data to recover from the data overflow condition.

No. of Pages : 49 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.212/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : ELECTRIC MOTOR ASSEMBLY AND METHOD.

(51) International classification	:H02K 5/00	(71)Name of Applicant :
(31) Priority Document No	:13/905453	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:30/05/2013	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000,UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TIMOTHY J.ALFERMANN
(61) Patent of Addition to Application Number	:NA	2)EDWARD L. KAISER
Filing Date	:NA	3)RYAN VAN TIEM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric motor assembly includes a housing and a stator. The housing includes an outer housing surface, an inner housing surface defining an interior housing cavity, and a plurality of housing protrusions extending from the inner housing surface. The stator is disposed in the inner housing cavity and includes an outer stator surface, an inner stator surface, and a plurality of stator protrusions extending from the outer stator surface toward the outer housing surface. The stator protrusions are configured to mate with the housing protrusions to frictionally couple the stator to the housing in order to fix the stator relative to the housing.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A REAL-TIME SYSTEM FOR OBJECT DETECTION AND RECOGNITION WITH MACHINE BEARING'

(51) International classification	:G06K 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
(32) Priority Date	:NA	Address of Applicant :KHARAGPUR - 721302, INDIA., West Bengal India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PROF. AUROBINDA ROUTARY (ELECTRICAL)
Filing Date	:NA	2)BIBEK KABI (RESEARCH SCHOLAR (MS)
(87) International Publication No	: NA	3)TAPAN PRADHAN (RESEARCH SCHOLAR (phD)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for real-time object detection and recognition with real-time machine learning. The system can be applicable in automotive industries , quality monitoring, security and surveillance purposes. The inventive system is configured to train and prepare itself using fast and accurate singular value decomposition (SVD) in real-time to detect and recognize objects, The system hardware comprise i) a digital camera, ii) an audio output system, and iii) an embedded computing platform. There are two channels/paths, one for training and the other path is deployed for object detection and recognition. The advantage of the system is the means for fast and accurate real-time implementation of the Tridiagonalization and Divide and Conquer based Singular Value Decomposition (TDCSVD).

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.648/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING HYDROGEN FROM COAL GAS

(51) International classification

:C01B3/02,
B01D53/34

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

1)CHENGALA DAMODARA MADHUSOODANA

2)PEEUSH KUMAR

3)SATYA MOHAN RAO DAGANI

4)SIVA RAMA KRISHNA NAKKA

5)NAGA MOHAN LTTAGUNTA

6)MOHANA RAO DAMACHARLA

(57) Abstract :

The present invention related to a method of producing hydrogen from syngas or coal gas and the system consisting of hydrogen production, hydrogen purification and CO₂ separation. The Hydrogen production system consists of one unit of water gas shift reactor having catalyst with structured packing. The hydrogen purification system consists of sets of membranes for purifying Hydrogen. The CO₂ separation system consists of membrane contactors. The present invention uses two stages of Membrane contactors for separating CO₂ from syngas and product of reactor to enhance the efficiency of hydrogen production and hydrogen purification respectively. The system invented can produce Hydrogen with purity >99% using high hydrogen selective membranes for use in many industrial applications and energy generation.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1512/KOL/2008 A

(19) INDIA

(22) Date of filing of Application :03/09/2008

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED ICE TRAY FOR FAST ICE MAKING IN DIRECT COOL REFRIGERATOR

(51) International classification	:F25C1/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LG ELECTRONICS INDIA PVT. LIMITED
(32) Priority Date	:NA	Address of Applicant :1, HO-CHI-MIN-SARANI, 6TH
(33) Name of priority country	:NA	FLOOR, METRO TOWERS, CALCUTTA West Bengal India
(86) International Application No	:NA	2)LG ELECTRONICS INC.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUNIL CHOPRA
(61) Patent of Addition to Application Number	:NA	2)NITIN MOUDGIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved ice tray for fast ice making in direct cool refrigerator comprising of a plurality of spaced apart cavities having protrusion for better conduction and a plurality of holes between said cavities for convention wherein said ice tray is made of stiff resilient plastic material.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/423/KOL A

(19) INDIA

(22) Date of filing of Application :02/04/2002

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ELECTRONIC ASSEMBLY FOR A DATA PROCESSING SYSTEM, A SUBSTRATE TO PACKAGE A DIE, USED IN SAID ELECTRONIC ASSEMBLY, AND METHOD OF MAKING THE SAME

(51) International classification :H01L 23/498
(31) Priority Document No :09/631,037
(32) Priority Date :31/07/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2001/23721
Filing Date :26/07/2001
(87) International Publication No :WO 2002/11207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTEL CORPORATION
Address of Applicant :2200 MISSION COLLEGE
BOULEVARD, SANTA CLARA, CA U.S.A.
(72)**Name of Inventor :**
1)CHAKRAVORTY KISHORE K

(57) Abstract :

There is disclosed an electronic assembly (4) having a die (200) comprising power, ground, and signal nodes; and a multilayer ceramic substrate (210) comprising an embedded capacitor (230) having first and second terminals; a first surface having a first core with a first plurality of power lands (215. 227) coupled to the first terminal and a first plurality of ground lands (211-213) coupled to the second terminal, the first plurality of power lands and the first plurality of ground lands each being a relatively large number, and a first periphery comprising a first plurality of signal lands; and a second surface having a second core with a second plurality of power lands coupled to the first terminal and a second plurality of ground lands coupled to the second terminal, and a second periphery comprising a second plurality of signal lands; wherein the first plurality of power lands, the first plurality of ground lands, and the first plurality of signal lands are coupled to corresponding ones of the power, ground, and signal nodes of the die.

No. of Pages : 34 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.635/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD FOR ENHANCING THE UNIFORMITY OF PLASMA TEXTURING OF MULTICRYSTALLINE SILICON WAFERS

(51) International classification

:H01L
21/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED.

Address of Applicant :REGIONAL OPERATIONS
DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

1)DR ANIL KUMAR SAXENA

2)MANISH PATHAK

3)NISHI CHAHAR

4)DR SAYANEE MAJUMDAR

5)SUDIP BHATTACHARYA

(57) Abstract :

A method for enhancing the uniformity of plasma texturing of multicrystalline silicon wafers comprising: subjecting silicon wafers to the step of texturing by exposing of the said silicon wafers to SF6 + O2 plasma in a vacuum chamber.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN ADVANCE BACK CORONA CONTROL SYSTEM TO IMPROVE EFFICIENCY OF ELECTROSTATIC PRECIPITATOR

(51) International classification	:B03C	(71)Name of Applicant :
(31) Priority Document No	3/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VELU SUBBAN SURESHKUMAR
(62) Divisional to Application Number	:NA	2)VIVEK PHILIP JOHN
Filing Date	:NA	

(57) Abstract :

The invention relates to an advanced back-corona control system to improve efficiency of Electrostatic Precipitators, the system is configured to: implement a time-delay process in which the time to disallow flow of current through dust layer in collecting electrodes of the ESP is modified so as to allow discharge of the built-up charge in the dust layer, wherein the combination of half-cycles and conduction angle control of the pulses fired from a reference point is used for energisation; achieve time-delays between 0 to 10 seconds by intermittent energization according to a control logic incorporated in the system; and eliminate transformer core saturation by using a modulated-intermittent-halfcycle- ratios.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.677/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN IMPROVED RUBBER HOUSING DEVICE FOR CENTER BEARING ASSEMBLY IN A VEHICLE DRIVELINE

(51) International classification	:B60K 17/00	(71) Name of Applicant : 1)I-DESIGN ENGINEERING SOLUTIONS LTD.
(31) Priority Document No	:NA	Address of Applicant :N2/40, IRC VILLAGE, NAYAPALLI
(32) Priority Date	:NA	BHUBANESWAR-751015, ORISSA, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MR. SATYA SWARUP UDGATA
Filing Date	:NA	2)MR. ANIL DAKHE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved rubber housing for center bearing assembly for rotatably supporting an intermediate portion of a vehicle drives line assembly; the improvement is characterized in that : two row of slots configured in the rubber housing are so oriented that variable stiffness can be achieved; length and width of the slots and wall thickness between two slots are constructed for vibration isolation; overlap distance of the two row slots is selected to maintain cushioning; a convex profile on the rubber housing and a concave profile in the bracket provided to control the axial movement of the rubber in a bracket, which allows flexibility in self alignment of the rubber housing with in said bracket; slice cut is oriented at the bottom of the rubber housing to create a gap between the bracket and the rubber housing; the slice cuts are oriented between the outer raw of slots at a specified distance from the bottom to avoid the solidification of rubber; and depth of this slice cut inside the rubber housing is controlled to maintain the cushioning effect.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.621/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN APPARATUS AND A METHOD FOR ULTRASONIC TREATMENT OF COAL TO INCREASE YIELD OF CLEAN COAL IN A FLOATATION PROCESS

(51) International classification	:B03B 1/00	(71) Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(33) Name of priority country	:NA	831001,INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRASAD KOPPARTHI
(87) International Publication No	: NA	2)DR. P.K. BANERJEE
(61) Patent of Addition to Application Number	:NA	3)BALA MURUGAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for ultrasonic treatment of coal to increase yield of clean coal in a floatation process, comprising the steps of: mixing coal fines with water to produce coal slurry with desired density in a mixing unit;ultrasonic conditioning of the slurry in an ultrasonic bath having at least one transducer with a generator by adding collector and frother at different intervals in varying concentration; selective separation of coal particles from the conditioned slurry transferred from the ultrasonic bath by injecting air bubbles in a floatation unit to produce clean coal froth; recovering water from the clean coal froth, and recovering the water for further recycling including discarding of the tailings, wherein the transducer with generator having a frequency of at least 25 kHz and output power of 2000 watts, wherein the density of the coal slurry is at least 10% with mixing time of 03 minutes, wherein the ultrasonic conditioning of the slurry is conducted for at least 03 minutes, wherein the collector concentration during conditioning is variable between 1kg/ton to 3kgs/ton with a single increment of 0.5kg/ton, and wherein the frother concentration is kept constant at 0.5 kg/ton.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.637/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : 'A DEVICE FOR DRYING/CURING OF SCREEN PRINTED PATTERNS ON SILICON WAFERS IN A CONVENTIONAL DRYING BELT FURNACE PREVENTING THE SILICON WAFERS FROM DIRECT CONTACT WITH THE BELT TO ELIMINATE CONTAMINATION OF THE WAFERS'

(51) International classification	:H01L 21/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MRS SHIVANGI JHA
(33) Name of priority country	:NA	2)MR RAHUL PRASAD
(86) International Application No	:NA	3)MR AJAI KUMAR
Filing Date	:NA	4)DR SANGALA RAGHUNATH REDDY
(87) International Publication No	: NA	5)DR ANIL KUMAR SAXENA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for drying/curing of screen printed patterns on silicon wafers in a conventional drying belt furnace preventing the silicon wafers from direct contact with the belt to eliminate contamination of the wafers comprising producing at least three different types of segments by cutting a stainless steel wire about 2 mm diameter; the first type of segment (A) formed in U shape with extended arms on both sides, the second type of segment (C) formed in L shape, and the third type of segment (B) formed as a horizontal member; welding of the three types of segments (A, B, C) at nine points (WJ), wherein the number of the segments formed are two in case of the first segment (A), in case of third type segment (B), and three for the second type (C), wherein the length of the - each segments A, B and C is selected in a ratio of 2.75 :1 : 1.90, wherein the height of the first and the second segment (A, C) is in the ratio of 1: 1.20, and wherein the extended arm length of the first segment (A) on both sides of the U is 21% of the length of first segment (A).

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.638/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : ANTI CANCER PEPTIDE FROM SANTALUM ALBUM L.

(51) International classification	:A61K 38/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :KHARAGPUR 721302, WEST BENGAL, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)S.H. DEY
Filing Date	:NA	2)ABHEEPSA MISHRA
(87) International Publication No	: NA	3)SHIBENDU SEKHAR DAS
(61) Patent of Addition to Application Number	:NA	4)SAMIRAN SONA GAURI
Filing Date	:NA	5)SANTI M. MANDAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a cyclic peptide obtained from East Indian Sandalwood, Santalum album L, having anticancer activity, said peptide having the structure Arg-Leu-Gly-Asp-Gly-Cys-Thr-Arg (cyclization between Arg1 and Arg8)

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DEMAGNETIZING CIRCUIT FOR DC MAGNETS.

(51) International classification	:B66C	(71)Name of Applicant :
(31) Priority Document No	1/00	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :DURGAPUR STEEL PLANT,
(33) Name of priority country	:NA	DURGAPUR-713203 WEST BENGAL India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PANT CHANDRA SHEKHAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to demagnetizing of the DC magnets. More particularly, the present invention relates to modification in the currently use DC magnet circuits with the use of the fixed resistances, especially that in the EOT cranes.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.579/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 05/12/2014

(54) Title of the invention : IMAGE PROCESSING SYSTEM,IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

(51) International classification :G03G
15/00
(31) Priority Document No :2013-
114283
(32) Priority Date :30/05/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RICOH COMPANY, LTD
Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
OHTA-KU, TOKYO 143-8555 JAPAN
(72)Name of Inventor :
1)TAIRA MATSUOKA

(57) Abstract :

An image processing system includes first and second image forming apparatuses and an image processing apparatus. The first image forming apparatus includes an instruction unit that instructs performing a mode for reducing a consumption amount of a color material; and a transmission unit that transmits an image signal. The image processing apparatus includes a processing unit that processes an image signal so as to reduce the consumption amount of the color material which is consumed when an image of a processed image signal is printed. The first image forming apparatus instructs the image processing apparatus to process, at the image processing apparatus, an image signal addressed to the second image forming apparatus, before the image signal is transmitted to the second image forming apparatus, so as to reduce a consumption amount of a color material which is consumed when an image of a processed image signal is printed at the second image forming apparatus.

No. of Pages : 102 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.618/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : A METHOD FOR ENSURING HIGH VOIP CAPACITY IN LTE

(51) International classification	:H04W4/00, G06F19/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR 721 302, DIST -
(32) Priority Date	:NA	MIDNAPORE, STATE OF WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DAS, SUVRA, SEKHAR;
Filing Date	:NA	2)GHOSH, PRIYANGSHU
(87) International Publication No	: NA	3)CHANDHAR, PRABHU
(61) Patent of Addition to Application Number	:NA	4)PALIT, BASABDATTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for ensuring high VoIP capacity in Long term evolution (LTE). The present invention provides a scheduling method for use in packet scheduling and resource allocation unit of downlink VoIP services in LTE systems which is based on the statistics of the channel feedback information provided by the user terminals. The present method is to utilizing the Signal to interference noise ratio fluctuation in the resource allocation process to improve the capacity of the system. In the proposed method, all the users may not be allocated persistently.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : AN AUTOMATED MATERIAL MANAGEMENT SYSYEM AT SITE USING RFID COMBIND WITH GPS AND DIGITAL MAPS

(51) International classification	:G01S 19/00	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KANDAVALLI VEERA VENKATA RAJU, DEEPAK
Filing Date	:NA	SACHAN, SUBRATA BISWAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A material management system to organize, track and monitor an extensive yard area comprising a scanning means; a tracking means; Which are further mountable on a scanning vehicle which reads data values of each and every tag assigned to a material on a regular interval and calibrate the values of which with the prestored data, as stored in the processor and updating the processor stored data with the maximum data value, wherein the processor further generates an error message if the calibrated data values are out of predefined range.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 05/12/2014

(54) Title of the invention : DISPOSABLE AND BIODEGRADABLE SANITARY NAPKINS

(51) International classification	:C08G63/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUMMADALA, SHIVA SOURTHI
(32) Priority Date	:NA	Address of Applicant :2-3-70/66, ANANTHRAM NAGAR
(33) Name of priority country	:NA	COLONY, AMBERPET, HYDERABAD, ANDHRA PRADESH-
(86) International Application No	:NA	500013 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUMMADALA, SHIVA SOURTHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sanitary napkins with improved structural configuration comprising a body contacting non-wettable top layer with suitably configured slits, a non-permeable barrier bottom layer together with an absorbent layer that facilitates body fluid/discharge upon wearing of the napkin to be carried forward by the said non-wettable top layer towards said slits to be absorbed effectively in said absorbent material through said slits, which sanitary napkins are also environment friendly by way of being disposable and biodegradable or reusable and durable.

No. of Pages : 40 No. of Claims : 12

**PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
226744	Sandvik Intellectual Property AB	Indexable Cutting Inserts and methods for producing the same.	13/01/2014	KOLKATA

**PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (CHENNAI)**

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

SL. NO	PATENT NUMBER	APPLICANTS	TITLE	DATE ON WHICH APPLICATION FILED	APPROPRIATE OFFICE
1	248073	Shri. JOSE PAUL MELETH & Shri. JOSEPH JUDE EMMANUEL PEREIRA	A PROCESS FOR THE PREPARATION OF A POLYMER COATED POWDER FREE FLEXIBLE RUBBER ARTICLE	03/07/2013	CHENNAI
2	254053	M/s. TVS MOTOR COMPANY LIMITED	CONE CLUTCH FOR CONTINUOUSLY VARIABLE TRANSMISSION	15/07/2013	CHENNAI
3	248162	Shri. M. SHAIENDRA KUMAR	THE COMPACT DRAFTER	13/08/2013	CHENNAI
4	249166	M/s. MICHIGAN BIOTECHNOLOGY INSTITUTE	A RECOMBINANT MICROORGANISM CAPABLE OF PRODUCING SUCCINIC ACID	19/08/2013	CHENNAI
5	230240	M/s. THERMOGENESIS CORP.	RUPTURE RESISTANT BLOW MOLDED FREEZER BAG FOR CONTAINING BLOOD PRODUCTS	26/08/2013	CHENNAI
6	256088	M/s. MYLAN LABORATORIES LTD.,	NOVEL PROCESS FOR THE PREPARATION OF METHYL 2-((3S)-(3-((2E)-(7-CHLOROQUINOLIN-2-YL)ETHENYL)-PHENYL)-3-HALOPROPYL)BENZOATE	24/10/2013	CHENNAI
7	245155	M/s. QUALCOMM INCORPORATED	METHOD FOR MAINTAINING PACKET DATA CONNECTIVITY IN A WIRELESS COMMUNICATIONS NETWORK	14/11/2013	CHENNAI
8	216220	Shri. VARADHARAJAN SENTHIL KUMAR	AN AUTOMATIC CHAPPATHI MAKING MACHINE	19/03/2010	CHENNAI

9	191954	M/S. AUSMELT LIMITED	A PROCESS FOR PRODUCING A SLAG MATERIAL	19/12/2013	CHENNAI
10	246604	M/s. AMMONIA CASALE SA	A HETEROGENEOUS SYNTHESIS REACTOR	26/12/2013	CHENNAI
11	248496	PFISTER GMBH	A METHOD AND APPARATUS FOR THE CONTINUOUS GRAVIMETRIC METERING OF FLOWING MATERIALS FOR BURNER SYSTEMS	04/01/2014	CHENNAI
12	245949	BASELL POLIOLEFINE ITALIA S.R.L.	METHOD FOR CONTROLLING THE POLYMER FLOW IN A POLYMERIZATION PROCESS	09/01/2014	CHENNAI
13	219740	M/s. MANDAYAM KRISHNAKUMAR SRINIVASAN	FAULT LOCATOR AND ANALYSER EQUIPMENT FOR HVDC LINES	04/02/2014	CHENNAI
14	198868	M/s. AUSMELT LIMITED	A PROCESS FOR THE RECOVERY OF COBALT PRODUCT FROM A MOLTEN SLAG	05/02/2014	CHENNAI
15	249834	M/s.LEK PHARMACEUTICALS d.d.	STABLE PHARMACEUTICAL COMPOSITION COMPRISING GRANULOCYTE-COLONY STIMULATING FACTOR	05/02/2014	CHENNAI
16	249424	M/s. TERUMO PENPOL LIMITED	PVC CONTAINERS FOR THE COLLECTION AND STORAGE OF BLOOD AND BLOOD COMPONENTS	13/02/2014	CHENNAI
17	252987	Shri. SUDHIR KODEBOYINA	A RAIL ROAD TRACK TESTING AND MONITORING DEVICE	13/03/2014	CHENNAI
18	224048	M/s. SHASUN PHARMACEUTICALS LTD.,	A PROCESS FOR PREPARING ANHYDROUS GABAPENTIN FORM II FROM GABAPENTIN ACID ADDITION SALT	14/03/2014	CHENNAI
19	254198	M/s. VAAKYA TECHNOLOGIES PRIVATE LIMITED	METHOD AND SYSTEM FOR RE-POPULATION OF DATA IN A DATABASE	19/03/2014	CHENNAI
20	241760	M/s. AVESHTA GENGRAINE TECHNOLOGIES PVT LTD.,	UTILITY OF THIONIN GENE POSSESSING SIGNIFICANT AGRO AND PHARMA PROPERTY USES THEREOF	24/03/2014	CHENNAI

21	241630	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	EMERGENCE OF GLUTAMATE DECARBOXYLASE UNDER ENVIRONMENTAL STRESS POSSESSING FUNCTIONAL AGRO/PHARMA PROPERTIES	24/03/2014	CHENNAI
22	243389	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	ARABINOGALACTAN PROTEIN GENES ISOLATED FROM RICE UNDER ENVIRONMENTAL STRESS POSSESSING AGRO/PHARMA PROPERTIES	24/03/2014	CHENNAI
23	243350	M/s. AVESTHA GENGRAINE TECHNOLOGIES PVT LTD.,	A PROCESS FOR ISOLATING ARABINOXYLAN ARABINOFURANOHYDROLASES NUCLEOTIDE SEQUENCE FOR SALT STRESS AND USES THEREOF	24/03/2014	CHENNAI
24	254449	M/s. MERCK SHARP & DOHME CORP.	HETEROARYL PIPERIDINE GLYCINE TRANSPORTER INHIBITORS	03/04/2014	CHENNAI
25	240131	Shri. K. BALAKRISHNA	A ROTATING APPARATUS	20/06/2014	CHENNAI

**PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl. No	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	2065/KOLNP/2006	247996	Conxpert holding GMBH	METHOD OF MONITORING DATA EXCHANGE BETWEEN APPLICATION SYSTEMS AND MONITORING SYSTEM THEREFOR	05/09/2014	Kolkata
2	259/KOL/2005	255656	ALVERIX, INC.	A RAPID DIAGNOSTIC TEST SYSTEM AND A PROCESS THEREFORE	08/08/2014.	Kolkata
3	170/KOLNP/2006	221094	DEGUSSA AG,	A PROCESS FOR REMOVING HALIDE COMPOUNDS ADHERING TO FINELY DIVIDED METAL OXIDE PARTICLES BY MEANS OF STEAM	15/08/ 2014.	kolkata
4.	586/CAL/2000	199363	PROF. ALOK BARUA	SEE-SAW BIOREACTOR	18/07/2014	kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263919	6201/DELNP/2007	01/02/2006	08/02/2005	A PHOSPHORAMIDITE ACTIVATOR	HONEYWELL INTERNATIONAL INC.	31/08/2007	DELHI
2	263925	4622/DELNP/2007	23/12/2004	23/12/2004	MICROBIOCIDAL CONTROL IN THE PROCESSING OF MEAT PRODUCING FOUR-LEGGED ANIMALS	ALBEMARLE CORPORATION,.	17/08/2007	DELHI
3	263944	1557/DEL/2007	25/07/2007 11:40:45		AN IMPROVED SPACING BAR USED FOR SOWING CROPS	VIRENDER SINGH	06/03/2009	DELHI
4	263947	5657/DELNP/2007	20/01/2006	21/01/2005	IMPROVED VACCINE AGAINST FELINE CALICIVIRUS	MERIAL LIMITED	24/08/2007	DELHI
5	263952	2178/DELNP/2008	18/09/2007	26/12/2006	WASTE HEAT POWER GENERATION SYSTEM OF CEMENT CALCINATION PLANT	KAWASAKI JUKOGYO KABUSHIKI KAISHA	08/08/2008	DELHI
6	263956	5141/DELNP/2009	25/01/2008	09/02/2007	POLYMERIZATION QUENCH METHOD AND SYSTEM	EXXONMOBIL CHEMICAL PATENTS INC.	19/03/2010	DELHI
7	263958	2289/DEL/2004	18/11/2004	21/11/2003	A LIVESTOCK STANCHION LATCHING MECHANISM	John DaSilveira	25/08/2006	DELHI
8	263964	2566/DELNP/2008	31/08/2006	31/08/2006	VANADIUM/TITANIA CATALYST COMPRISING NATURAL MANGANESE ORE REMOVING NITROGEN OXIDES AND DIOXIN IN WIDE OPERATING TEMPERATURE RANGE AND METHOD OF USING THE SAME	KOREA POWER ENGINEERING COMPANY, INC.	06/06/2008	DELHI
9	263965	2146/DELNP/2004	07/02/2003	14/02/2002	A METHOD AND EQUIPMENT FOR COMPACTING MATERIALS	NORSK HYDRO ASA	18/12/2009	DELHI
10	263966	5120/DELNP/2008	22/11/2006	21/12/2005	A PROCESS FOR THE CARBOXYLATION OF AN ALCOHOL AND/OR REACTIVE DERIVATIVE THEREOF	BP CHEMICALS LIMITED	26/09/2008	DELHI

11	263967	3088/DELNP/2010	25/10/2007	25/10/2007	METALLOCENE COMPOUNDS, CATALYSTS COMPRISING THEM, PROCESS FOR PRODUCING AND OLEFIN POLYMER BY USE OF THE CATALYSTS, AND OLEFINE HOMO-AND COPOLYMERS	LUMMUS NOVOLEN TECHNOLOGY GMBH	15/10/2010	DELHI
12	263972	10560/DELNP/2008	28/06/2007	28/07/2006	A MCM-22 FAMILY MOLECULAR SIEVE COMPOSITION, ITS METHOD OF MAKING, AND USE FOR HYDROCARBON CONVERSIONS	EXXONMOBIL CHEMICAL PATENTS INC	20/03/2009	DELHI
13	263979	2622/DEL/2006	31/01/2006		AN IMPROVED PROCESS FOR PREPARATION OF MAGNESIA (MgO) FROM CRUDE Mg (OH) ₂	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	22/07/2011	DELHI
14	263991	6162/DELNP/2008	16/01/2007	17/01/2006	A METHOD FOR PREPARATION OF SELECTIVE CATALYSTS FOR NAPHTHA HYDRODESULFURIZATION	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	24/10/2008	DELHI
15	263992	5891/DELNP/2007	27/01/2006	27/01/2005	PERSONAL CARE COMPOSITION CONTAINING HYDROPHOBICALLY MODIFIED POLYMERS	LUBRIZOL ADVANCED MATERIALS, INC.	17/08/2007	DELHI
16	263998	4713/DELNP/2008	08/12/2006	12/12/2005	NOVEL SOIL RELEASE AGENT	MILLIKEN & COMPANY	26/09/2008	DELHI
17	264000	1490/DELNP/2006	16/09/2004	23/09/2003	METHOD AND DEVICE FOR THE PRODUCTION OF A HYDRAULIC BINDING AGENT	POLYSIUS AG.	03/08/2007	DELHI
18	264001	2180/DELNP/2008	12/09/2006	13/09/2005	A PHOTOCURABLE COMPOSITION	3D SYSTEM INC	08/08/2008	DELHI
19	264002	3292/DELNP/2008	08/11/2006	17/11/2005	A PROCESS FOR THE CARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS	LUCITE INTERNATIONAL UK LIMITED	20/03/2009	DELHI
20	264003	10159/DELNP/2007	12/07/2006	15/07/2005	BLOCK COPOLYMER OF THE AB OR ABA TYPE ,PROCESS FOR PREPARING THE SAME AND ITS IMPLANT	EVONIK ROHM GMBH	20/06/2008	DELHI
21	264005	1351/DEL/2007	22/06/2007		AN ECO-FRIENDLY PROCESS FOR MAKING EPSOM AND GYPSUM	MOHANLAL SUKHADIA UNIVERSITY,RAJASTHAN STATE MINES & MINERALS LIMITED	16/01/2009	DELHI

22	264006	448/DELNP/2009	31/07/2007	31/07/2006	LAMINATE COMPRISING ETHYLENE-BASED RESIN	MITSUI CHEMICALS, INC.,PRIME POLYMER CO.,LTD	20/08/2010	DELHI
23	264009	4190/DELNP/2004	05/07/2003	19/07/2002	APPLIANCE WITH A SMART CARD READER	THOMSON LICENSING S.A.	04/12/2009	DELHI
24	264010	645/DELNP/2007	20/07/2005	23/07/2004	FLEXIBLE ELECTROMAGNETIC ACOUSTIC TRANSDUCER SENSOR	ELECTRIC POWER RESEARCH INSTITUTE, INC	24/08/2007	DELHI
25	264016	8961/DELNP/2008	24/04/2007	25/04/2006	NOVEL GEM-DIFLUORINATED C-GLYCOSIDE COMPOUNDS DERIVED FROM PODOPHYLLOTOXIN, THEIR PREPARATION AND THEIR APPLICATIONS	INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE ROUEN (INSA)	20/03/2009	DELHI
26	264017	459/DELNP/2008	19/07/2006	19/07/2005	METHOD FOR PREPARING 4-AMINO-4'-DEMETHYL-4-DESOXYPODOPHYLLOTOXIN	PIERRE FABRE MEDICAMENT	15/08/2008	DELHI
27	264018	1899/DEL/2005	20/07/2005		NOVEL PHARMACEUTICAL MODIFIED RELEASE DOSAGE FORM COMPOSITION COMPRISING CYCLOOXYGENASE ENZYME INHIBITOR	PANACEA BIOTEC LIMITED	24/08/2007	DELHI
28	264024	1104/DELNP/2007	12/08/2005	12/08/2004	POLYMERIC MATERIALS HAVING REDUCED TACK, METHODS OF MAKING THE MATERIALS AND CHEWING GUM COMPOSITIONS CONTAINING SUCH MATERIALS	REVOLYMER LIMITED	27/04/2007	DELHI
29	264026	241/DELNP/2008	29/06/2006	06/07/2005	REACTIVE DISTILLATION WITH OLEFIN RECYCLE	BP CHEMICALS LIMITED	25/07/2008	DELHI
30	264027	8147/DELNP/2009	11/07/2008	09/11/2007	EXHAUST GAS DESULFURIZER	MITSUBISHI HEAVY INDUSTRIES LTD.	16/07/2010	DELHI
31	264029	8774/DELNP/2007	14/04/2006	15/04/2005	FORMULATIONS OF QUATERNARY AMMONIUM NEUROMUSCULAR BLOCKING AGENTS	LYOTROPIC THERAPEUTICS, INC.	14/12/2007	DELHI
32	264031	4301/DELNP/2007	17/11/2005	17/12/2004	PROCESS AND CATALYST FOR THE MANUFACTURE OF ACETIC ACID	BP CHEMICALS LIMITED	24/08/2007	DELHI

33	264032	7873/DELNP/2006	15/07/2005	22/07/2004	A COLOURED PARTICLE	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI
34	264033	7509/DELNP/2006	29/06/2005	29/06/2004	LAUNDRY DETERGENT COMPOSITIONS WITH HUEING DYE	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI
35	264034	4946/DELNP/2009	21/02/2008	23/02/2007	ORAL POLYPHOSPHATE COMPOSITIONS	THE PROCTER & GAMBLE COMPANY	23/04/2010	DELHI
36	264036	2472/DELNP/2007	20/09/2005	22/09/2004	LIGHT EMITTING DIODE STRUCTURES	LUXTALTEK CORPORATION	03/08/2007	DELHI
37	264037	4339/DELNP/2008	23/11/2006	25/11/2005	DOUBLE PAIR. OF OLIGONUCLEOTIDES FOR AMPLIFYING TWO TARGET SEQUENCES	BIOMERIEUX	15/08/2008	DELHI
38	264042	7375/DELNP/2006	21/06/2005	21/06/2004	ABSORBENT ARTICLE WITH LOTION-CONTAINING TOPSHEET	THE PROCTER & GAMBLE COMPANY	03/08/2007	DELHI
39	264043	4686/DELNP/2008	01/12/2006	02/12/2005	ORAL CARE DEVICE	THE GILLETTE COMPANY	15/08/2008	DELHI
40	264044	5257/DELNP/2007	28/12/2005	07/01/2005	A METHOD FOR PRODUCING AN AMIDE COMPOUND	DIA-NITRIX CO., LTD	17/08/2007	DELHI
41	264045	1072/DEL/2006	27/04/2006	06/05/2005	APPARATUS FOR NASAL VENTILATION, PARTICULARLY FOR FLOW-SYNCHRONISED NEONATAL ASSISTED VENTILATION	GINEVRI S.R.L.	03/08/2007	DELHI
42	264046	2266/DELNP/2006	25/10/2004	31/10/2003	AN APPARATUS FOR DISPLACING SLIDE ELEMENTS IN AN APPARATUS FOR DISPLAYING CHARCTERS	JOSEF GRASMANN,	03/08/2007	DELHI
43	264047	574/DEL/2005	16/03/2005	06/04/2004	IMPROVEMENTS TO SLOT TYPE PLANAR ANTENNAS	THOMSON LICENSING S.A.	12/01/2007	DELHI
44	264048	6285/DELNP/2007	14/03/2006	29/03/2005	FILM FORMING EQUIPMENT	KANSAI PAINT CO., LTD.	31/08/2007	DELHI
45	264049	2257/DEL/2006	16/10/2006	20/10/2005	THE INTRODUCTION OF AN ACID IN A FISHCER-TROPSCH PROCESS	SASOL TECHNOLOGY (PTY) LIMITED	07/09/2007	DELHI
46	264050	3758/DELNP/2006	15/12/2004	06/01/2004	OUTSIDE UNIT FOR SATELLITE RECEPTION AND METHOD OF RECEPTION WITH SAID UNIT	THOMSON LICENSING	22/06/2007	DELHI
47	264051	4481/DELNP/2006	11/02/2005	11/02/2004	AMYLIN FAMILY PEPTIDES AND METHODS FOR MAKING AND USING THEM	AMYLIN PHARMACEUTICALS, LLC AND ASTRAZENECA PHARMACEUTICALS, LP	31/08/2007	DELHI

48	264052	7004/DELNP/2009	05/05/2008	23/05/2007	PROCESS FOR PRODUCING CUMENE	UOP LLC	18/06/2010	DELHI
49	264053	8202/DELNP/2007	24/03/2006	29/04/2005	A PROCESS FOR REDUCING THE CONTENT OF NO _x EMISSIONS AND A LOW CO COMBUSTION COMPOSITION FOR REDUCING THE CONTENT OF NO _x	W.R. GRACE & CO.-CONN.	23/11/2007	DELHI
50	264054	1923/DELNP/2007	08/09/2005	10/09/2004	A METHOD FOR A WTRU TO TRANSITION FROM A FIRST ACCESS POINT (AP) TO A SECOND ACCESS POINT, A WTRU AND AN ACCESS POINT THEREOF	INTERDIGITAL TECHNOLOGY CORPORATION	27/04/2007	DELHI
51	264055	1708/DELNP/2008	12/12/2006	31/03/2006	METHOD AND APPARATUS FOR DETERMINING THE LOCATION OF A MOBILE OBJECT	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO. KG	27/06/2008	DELHI
52	264057	4480/DELNP/2007	13/12/2005	14/12/2004	A PROCESS FOR PREPARING PURIFIED 4-(2-METHYL-1-IMIDAZOLYL)-2,2-DIPHENYLBUTANAMIDE	KYORIN PHARMACEUTICAL CO., LTD.	31/08/2007	DELHI
53	264059	2514/DEL/2006	22/11/2006	24/11/2005	METHOD FOR MELTING ASBESTOS WASTE	KINSEI SANGYO CO., LTD.	31/08/2007	DELHI
54	264061	2372/DELNP/2007	12/02/2004	12/02/2003	A DISPOSABLE ABSORBENT DIAPER	THE PROCTER & GAMBLE COMPANY	03/08/2007	DELHI
55	264062	1437/DEL/2005	03/06/2005	12/06/2004	DOOR CLOSER	SAMUEL HEATH & SONS PLC.	24/08/2007	DELHI
56	264066	1645/DELNP/2007	09/09/2005	24/09/2004	HIGH DS CATIONIC POLYGALACTOMANNAN COMPOSITION FOR SKINCARE PRODUCTS	HERCULES INCORPORATED,	03/08/2007	DELHI
57	264075	125/DEL/2006	17/01/2006		A SUSTAINABLE LANDFILL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	17/08/2007	DELHI
58	264080	7862/DELNP/2007	21/04/2006	21/04/2005	A PYPROLOBENZODIAZEPINE DIMER	SPIROGEN SARL	09/11/2007	DELHI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263917	892/MUM/2005	02/08/2005		A PROCESS FOR FOLDING OF RECOMBINANT INSULIN PRECURSOR	UNICHEM LABORATORIES LTD.	20/07/2007	MUMBAI
2	263931	1590/MUM/2008	25/07/2008		AN ELECTRONIC EXPLOSIVE DETECTOR	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	29/01/2010	MUMBAI
3	263933	724/MUMNP/2006	21/11/2004	21/11/2003	A BIOABSORBABLE CRANIOPLASTY IMPLANT FOR CRANIAL BONE TISSUE REGENERATION	OSTEOPORE INTERNATIONAL PTE.LTD	18/05/2007	MUMBAI
4	263934	2332/MUM/2007	27/11/2007		IMPROVED STABILISER BAR OF TWIST BEAM STRUCTURE FOR REAR SUSPENSION	TATA MOTORS LIMITED	29/02/2008	MUMBAI
5	263935	2333/MUM/2007	27/11/2007		SOLID END MOUNTING OF STABILISER BAR FOR TWIST BEAM TYPE REAR SUSPENSION	TATA MOTORS LIMITED	29/02/2008	MUMBAI
6	263936	1786/MUMNP/2009	06/03/2008	26/03/2007	AERATED FOOD PRODUCTS BEING WARM CONTAINING SOLUBLE AND/OR INSOLUBLE SOLIDS AND METHODS FOR PRODUCING THEM	HINDUSTAN UNILEVER LIMITED	07/05/2010	MUMBAI
7	263938	2411/MUM/2007	10/12/2007	20/12/2006	AERATED FOOD PRODUCTS AND METHODS FOR PRODUCING THEM	HINDUSTAN UNILEVER LIMITED	16/07/2010	MUMBAI
8	263940	1826/MUMNP/2009	24/03/2008	22/03/2007	AN ANTIBODY CONSTRUCTS OF MONOCLONAL ANTIBODY 8H9	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	14/05/2010	MUMBAI
9	263951	1218/MUMNP/2008	04/01/2007	04/01/2006	AN ELECTRONIC DEVICE FOR REDUCING POWER CONSUMPTION IN A WORDLINE LOGIC OF A MEMORY	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
10	263969	147/MUM/2004	10/02/2004	17/02/2003	AIR CLEANER OF MOTORCYCLE	HONDA MOTOR CO., LTD	27/10/2006	MUMBAI
11	263970	122/MUM/2004	04/02/2004	14/02/2003	SWINGING THREE WHEELED VEHICLE	HONDA MOTOR CO. LTD.	22/12/2006	MUMBAI
12	263971	153/MUM/2004	11/02/2004	28/02/2003	ENGINE EXHAUST RECYCLING APPARATUS	HONDA MOTOR CO. LTD	28/10/2005	MUMBAI

13	263993	2087/MUMNP/2009	10/04/2008	10/04/2007	ADENOVIRAL VECTOR ENCODING MALARIA ANTIGEN	ISIS INNOVATION LIMITED,OKAIROS AG	18/06/2010	MUMBAI
14	263994	320/MUM/2008	13/02/2008		A PROCESS FOR PREPARATION OF MONTELUKAST SODIUM SALT	MELODY HEALTHCARE PRIVATE LIMITED	12/06/2009	MUMBAI
15	263997	2099/MUMNP/2009	07/05/2008	09/05/2007	MODIFIED-IMMOBILIZED ENZYME OF HIGH TOLERANCE TO HYDROPHILIC SUBSTRATES IN ORGANIC MEDIA	TRANSBIODIESEL LTD.	18/06/2010	MUMBAI
16	264007	1567/MUMNP/2008	26/01/2006	26/01/2006	WASTE TREATMENT FURNACE AND METHOD	DIGIMET 2013,S.L.	10/10/2008	MUMBAI
17	264008	1954/MUMNP/2008	13/04/2007	13/04/2006	TYRE BUILDING MACHINE AND METHOD FOR BUILDING A TYRE	TEXMAG GMBH VERTRIEBSGESELLSCH AFT	16/01/2009	MUMBAI
18	264011	266/MUMNP/2009	30/07/2007	10/08/2006	AIR OXIDATION HAIRCOLOR COMPOSITION	COMBE INCORPORATED	15/05/2009	MUMBAI
19	264056	842/MUMNP/2008	27/10/2006	27/10/2005	METHOD AND APPARATUS FOR ESTIMATING REVERSE LINK LOADING IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
20	264082	1122/MUM/2006	14/07/2006	20/07/2005	APPARATUS,METHOD AND SYSTEM FOR PROVIDING EVENT INFORMATION	Samsung Electronics Co.,Ltd.	19/06/2009	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263913	5577/CHENP/2007	03/05/2006	05/05/2005	PROCESS FOR CARBONYLATION OF ALKYL ETHERS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, BP CHEMICALS LIMITED	28/03/2008	CHENNAI
2	263920	926/CHE/2006	30/05/2006		A METHOD OF HANDLING SUPPLEMENTARY SERVICES IN AN IP MULTIMEDIA SUB-SYSTEM	SAMSUNG R& D INSTITUTE INDIA - BANGALORE Pvt. Ltd.	07/12/2007	CHENNAI
3	263926	2308/CHE/2008	22/09/2008 16:50:29	25/09/2007	CRANKSHAFT SUPPORTING STRUCTURE	HONDA MOTOR CO., LTD.	02/04/2010	CHENNAI
4	263927	185/CHE/2009	28/01/2009 16:14:31	19/05/2008	BRUSH APPARATUS	MITSUBISHI ELECTRIC CORPORATION	27/11/2009	CHENNAI
5	263929	2150/CHENP/2007	18/11/2005	18/11/2004	AN APPLICATION DEVICE FOR APPLYING A MICRONEEDLE DEVICE TO A SKIN SURFACE	3M INNOVATIVE PROPERTIES COMPANY	07/09/2007	CHENNAI
6	263941	6746/CHENP/2008	23/05/2007	09/06/2006	PROCESS FOR THE PRODUCTION OF HOLLOW BODIES OF THERMOPLASTIC MATERIAL BY EXTRUSION BLOW MOLDING	KAUTEX TEXTRON GMBH & CO. KG	27/03/2009	CHENNAI
7	263942	1165/CHENP/2009	23/08/2007	28/08/2006	HYDRAULIC ROTARY MACHINE	HITACHI CONSTRUCTION MACHINERY CO., LTD	29/05/2009	CHENNAI
8	263943	386/CHENP/2009	12/06/2007	22/06/2006	REEL MANDREL	SMS SIEMAG AKTIENGESELLSCHAFT	05/06/2009	CHENNAI
9	263953	5817/CHENP/2008	18/05/2007	18/05/2006	INTERLACE-BASED CONTROL CHANNEL BALANCING IN A WIRELESS COMMUNICATION NETWORK	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
10	263963	3085/CHENP/2006	28/02/2005	26/02/2004	VEHICLE SUPPLEMENTAL HEATING SYSTEM	VENTECH, LLC	08/06/2007	CHENNAI

11	263968	2357/CHE/2008	25/09/2008		A METHOD TO DETECT, WARN, TRACK, ALERT AND PREVENT HACKERS SIMULTANEOUSLY FROM WEBSITES INSTANTLY	D. SHANKARNARAYANA,L. RAVINDRANATH	02/04/2010	CHENNAI
12	263977	3745/CHENP/2007	26/01/2006	27/01/2005	11-DEOXY-PROSTAGLANDIN COMPOUND FOR TREATING A CENTRAL NERVOUS SYSTEM DISORDERS	SUCAMPO AG	23/11/2007	CHENNAI
13	263981	271/CHENP/2008	18/07/2006	18/07/2005	PROCESS FOR INCREASING SOLID CONTENT OF RAW SLURRY	CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED	19/09/2008	CHENNAI
14	263987	3612/CHENP/2008	09/01/2007	10/01/2006	MOBILE COMMUNICATIONS METHOD AND SYSTEM FOR SIGNALLING INFORMATION RELATING TO NETWORK'S CAPABILITIES	SAMSUNG ELECTRONICS CO., LTD.	13/03/2009	CHENNAI
15	263989	284/CHE/2009	10/02/2009	13/02/2008	A METHOD OF TREATING A HYDROCARBON-BEARING SUBTERRANEAN FORMATION WITH COMPOSITIONS CONTAINING NITRATE BRINES	BAKER HUGHES INCORPORATED	11/09/2009	CHENNAI
16	263990	4807/CHENP/2008	13/04/2007	14/04/2006	A METHOD FOR REGISTERING A WIRELESS TERMINAL WITH A HOME AGENT AND A BASE STATION THEREOF	QUALCOMM INCORPORATED	13/03/2009	CHENNAI
17	263996	5720/CHENP/2007	11/05/2006	12/05/2005	METHOD FOR THE PRODUCTION OF AT LEAST ONE FINAL PRODUCT BY PARTIAL OXIDATION AND/OR AMMOXIDATION OF PROPYLENE	BASF AKTIENGESELLSCHAFT	28/03/2008	CHENNAI
18	264025	6888/CHENP/2008	25/04/2007	16/05/2006	A METHOD OF FABRICATING A SEMICONDUCTOR AND A SEMICONDUCTOR STRUCTURE	INTERNATIONAL BUSINESS MACHINE CORPORATION	27/03/2009	CHENNAI

19	264028	134/CHE/2006	27/01/2006	27/01/2005	PORTABLE REFRACTOMETER	ATAGO CO.,LTD	12/09/2008	CHENNAI
20	264030	2768/CHENP/2004	10/03/2004	19/03/2003	A LOAD CHANGEOVER SWITCH FOR A TAP CHANGER	MASCHINENFABRIK REINHAUSEN GMBH	10/02/2006	CHENNAI
21	264035	5472/CHENP/2007	29/05/2006	31/05/2005	PROCESS FOR THE PREPARATION OF 3-HYDROXYADAMANT ANEGLYOXYLIC ACID	CABB FINLAND OY	28/03/2008	CHENNAI
22	264038	4024/CHENP/2007	15/03/2006	17/03/2005	RHEOLOGY MODIFICATION OF INTERPOLYMERS OF ETHYLENE/ALPHA-OLEFINS AND ARTICLES MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	23/11/2007	CHENNAI
23	264041	4473/CHENP/2007	10/03/2006	10/03/2005	PROCESS FOR THE PREPARATION OF A PACKAGE CONTAINING COMPACTED COMPOSITION AND THE PACKAGE OBTAINED WITH THIS PROCESS	RECKITT BENCKISER N.V	25/01/2008	CHENNAI
24	264060	6099/CHENP/2008	05/04/2007	10/04/2006	POLAR PLATE FOR A FUEL CELL STACK	STAXERA GMBH	03/04/2009	CHENNAI
25	264063	1381/CHE/2006	03/08/2006	04/08/2005	MULTIFUNCTIONAL ADDITIVE FOR MAXIMIZING PROPERTIES RELEVANT TO THE PROCESS OF FLUID CATALYTIC CRACKING AND THE PROCESS FOR PREPARATION THEREOF	PETROLEO BRASILEIRO S.A.-PETROBRAS	07/09/2007	CHENNAI
26	264064	2141/CHENP/2007	18/11/2005	18/11/2004	MASKING METHOD FOR COATING A MICRONEEDLE ARRAY	3M INNOVATIVE PROPERTIES COMPANY	07/09/2007	CHENNAI
27	264065	3201/CHENP/2007	23/12/2005	23/12/2004	CONTAINER WITH CONCERTINA SIDE WALLS AND BASE	TARVIS TECHNOLOGY LIMITED	16/11/2007	CHENNAI
28	264067	1384/CHE/2005	29/09/2005	30/09/2004	A METHOD FOR SELECTING INTERNET ROUTING PATHS	LUCENT TECHNOLOGIES INC.	14/09/2007	CHENNAI
29	264073	4804/CHENP/2008	28/04/2006	28/04/2006	UNINTERRUPTED TRANSMISSION DURING A CHANGE IN CIPHERING CONFIGURATION	QUALCOMM INCORPORATED	13/03/2009	CHENNAI

30	264081	3073/CHENP/2008	22/12/2006	23/12/2005	METHOD AND APPARATUS FOR CHANNEL QUALITY INDICATOR REPORT	SAMSUNG ELECTRONICS CO., LTD.,BEIJING SAMSUNG TELECOM R & D CENTER	06/03/2009	CHENNAI
31	264085	2239/CHENP/2007	21/11/2005	24/11/2004	RECORDING AND PLAYBACK OF VIDEO CLIPS BASED ON AUDIO SELECTIONS	KONINKLIJKE PHILIPS ELECTRONICS N. V.	07/09/2007	CHENNAI

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1	263916	582/KOL/2008	24/03/2008	02/04/2007	EIGHT SPEED AUTOMATIC TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
2	263918	806/KOLNP/2007	17/08/2005	02/09/2004	SOCK	X-TECHNOLOGY SWISS GMBH	03/04/2009	KOLKATA
3	263921	349/KOL/2008	26/02/2008	29/03/2007	METHOD FOR CONTROLLING OPERATION OF A HYBRID POWERTRAIN	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
4	263922	1431/KOLNP/2009	15/10/2007	19/10/2006	A NOx REDUCTION CATALYST	UMICORE AG & CO. KG	29/05/2009	KOLKATA
5	263923	2425/KOLNP/2008	28/06/2006	28/06/2006	POLYCONDENSATION CATALYST FOR POLYESTER PRODUCTION AND PRODUCTION OF POLYESTER	SAKAI CHEMICAL INDUSTRY CO. LTD.	30/01/2009	KOLKATA
6	263924	242/KOL/2006	22/03/2006		AN ELECTROLESS NICKEL COATING COMPOSITION	TATA STEEL LIMITED	19/06/2009	KOLKATA
7	263928	627/KOL/2007	23/04/2007	25/10/2006	MOBILE COMMUNICATION DEVICE	LG ELECTRONICS INC.	16/05/2008	KOLKATA
8	263930	938/KOL/2006	18/09/2006	19/09/2005	METHOD AND APPARATUS FOR RECONSTRUCTING A THREE-DIMENSIONAL IMAGE VOLUME FROM-TWO-DIMENSIONAL PROJECTION IMAGES	SIEMENS AKTIENGESELLSCHAFT	29/06/2007	KOLKATA
9	263932	4715/KOLNP/2007	13/05/2005	13/05/2005	A SYSTEM FOR A FAST FREQUENCY HOPPING RADIO	TELEFONAKTIEBOLAGET LM ERICSSON (publ)	04/04/2008	KOLKATA
10	263937	4920/KOLNP/2007	04/07/2006	08/07/2005	AN AUTOMATIC METHOD OF PREPARING SAMPLES OF TOTAL BLOOD FOR ANALYSIS, AND AN AUTOMATIC DEVICE FOR IMPLEMENTING THE METHOD	HORIBA ABX SAS	01/08/2008	KOLKATA

11	263939	1828/KOLNP/2007	18/11/2005	19/11/2004	BIPOLAR PLATE FOR ELECTROLYSER COMPRISING A SINGLE WALL	UHDENORA S.P.A.	10/04/2009	KOLKATA
12	263945	1489/KOLNP/2008	06/10/2006	07/10/2005	HOLDING MEMBER FOR HOLDING A PLURALITY OF CIRCUIT BOARDS AND MODULE UTILIZING THIS HOLDING MEMBER	TOYOTA JIDOSHA KABUSHIKI KAISHA, TYCO ELECTRONICS AMP K.K.	02/01/2009	KOLKATA
13	263946	2520/KOLNP/2007	06/12/2007	06/12/2007	METHOD AND APPARATUS FOR OPTIMISING THE SENDING OF TONES/ANNOUNCEMENTS DURING TANDEM-FREE OPERATION (TFO)	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	19/06/2009	KOLKATA
14	263948	3719/KOLNP/2007	01/03/2006	08/04/2005	METHOD FOR ALIGNMENT OF ANALOG AND DIGITAL AUDIO IN A HYBRID RADIO WAVEFORM	IBIQUITY DIGITAL CORPORATION	30/05/2008	KOLKATA
15	263949	2208/KOLNP/2009	30/11/2007	01/12/2006	PROCESS FOR CONVERSION OF BIOMASS TO FUEL	NORTH CAROLINA STATE UNIVERSITY	03/07/2009	KOLKATA
16	263950	1434/KOLNP/2007	28/09/2004	28/09/2004	OPERATING AND SUPPORTING DUAL MODE USER EQUIPMENT	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	20/07/2007	KOLKATA
17	263954	1642/KOLNP/2009	05/10/2007	01/12/2006	PROCESS FOR PREPARATION OF ALKOXY SILANES	PROCHIMIE INTERNATIONAL, LLC	12/06/2009	KOLKATA
18	263955	1380/KOL/2008	18/08/2008	17/08/2007	A FUEL CONTROL SYSTEM OF AN ENGINE AND METHOD THEREFOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
19	263957	2918/KOLNP/2007	12/01/2006	13/01/2005	SYSTEM AND METHOD FOR CALL HANDOFF BETWEEN CIRCUIT SWITCHED AND PACKET SWITCHED DATA WIRELESS NETWORKS	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	14/09/2007	KOLKATA
20	263959	2502/KOLNP/2008	15/12/2006	16/12/2005	A COMPOSITION COMPRISING PARTICLES COMPRISING ONE OR MORE OXALATE DEGRADING ENZYMES	OXTHERA, INC.	23/01/2009	KOLKATA
21	263960	2206/KOLNP/2009	05/02/2008	14/02/2007	DATA TRANSMITTING AND RECEIVING METHOD USING PHASE SHIFT BASED PRECODING AND TRANSCIEVER SUPPORTING THE SAME	LG ELECTRONICS INC.	03/07/2009	KOLKATA

22	263961	5024/KOLNP/2008	25/05/2007	22/06/2006	METHOD FOR TRANSMITTING DATA	SIEMENS AKTIENGESELLSCHAFT	27/03/2009	KOLKATA
23	263962	2557/KOLNP/2007	04/01/2006	04/01/2005	SYSTEMS, METHODS, SOFTWARE, AND INTERFACES FOR MULTILINGUAL INFORMATION RETRIEVAL	THOMSON GLOBAL RESOURCES	24/08/2007	KOLKATA
24	263973	638/KOLNP/2009	17/08/2007	18/08/2006	METHOD AND APPARATUS FOR REPORTING RECEPTION RATIO OF STREAMING SERVICE BY TERMINAL IN A MOBILE BROADCASTING SYSTEM, AND SYSTEM THEREOF	SAMSUNG ELECTRONICS CO. LTD.	15/05/2009	KOLKATA
25	263974	3972/KOLNP/2009	15/04/2008	16/04/2007	NOVEL VANILLOID RECEPTOR LIGANDS AND THE USE THEREOF FOR THE PRODUCTION OF PHARMACEUTICALS	GRNENTHAL GMBH	19/03/2010	KOLKATA
26	263975	1533/KOLNP/2006	05/11/2004	10/11/2003	METHOD AND RINGBACK TONE GENERATOR SYSTEM FOR PROVIDING CUSTOMIZED RINGBACK TONE	NMS COMMUNICATIONS	04/05/2007	KOLKATA
27	263976	2619/KOLNP/2007	12/01/2006	12/01/2005	METHOD OF DELETING FIRST CONTENT UNIT FROM STORAGE SYSTEM AND STORAGE SYSTEM THAT STORES FIRST CONTENT UNIT	EMC CORPORATION	31/08/2007	KOLKATA
28	263978	1127/KOL/2007	14/08/2007 16:00:41	07/08/2006	CARBON BLACK, METHOD OF PRODUCING CARBON BLACK AND DEVICE FOR IMPLEMENTING THE METHOD	EVONIK CARBON BLACK GMBH	22/02/2008	KOLKATA
29	263980	3623/KOLNP/2008	02/04/2007	03/04/2006	PROCESSES FOR THE PREPARATION OF 8-CHLORO-1-METHYL-2,3,4,5-TETRAHYDRO-1H-3-BENZAZEPINE AND INTERMEDIATES RELATED THERETO	ARENA PHARMACEUTICALS, INC.	20/02/2009	KOLKATA
30	263982	35/KOLNP/2008	07/07/2006	08/07/2005	PROCESS FOR PRODUCING UNSATURATED ALDEHYDES AND ACIDS BY FIXED-BED CATALYTIC PARTIAL OXIDATION AND REACTOR THEREFOR	LG CHEM, LTD.	08/08/2008	KOLKATA

31	263983	2815/KOLNP/2006	22/06/2004	08/03/2004	APPARATUS FOR CONTROLLING BATTERIES	ELECTROVAYA INC	01/06/2007	KOLKATA
32	263984	1993/KOLNP/2009	05/10/2007	01/11/2006	PARTICLE-CONTAINING ETCHING PASTES FOR SILICON SURFACES AND LAYERS	MERCK PATENT GMBH	19/06/2009	KOLKATA
33	263985	200/KOLNP/2007	20/07/2005	04/08/2004	ELECTROCHEMICAL SYSTEM THAT INCLUDES AT LEAST ONE PARTIAL MARGINATION ZONE	SAINT-GOBAIN GLASS FRANCE	29/06/2007	KOLKATA
34	263986	1324/KOLNP/2007	25/11/2005	26/11/2004	ANTENNA CONTROL SYSTEM	POWERWAVE TECHNOLOGIES SWEDEN AB	20/07/2007	KOLKATA
35	263988	357/KOLNP/2010	12/09/2008	14/09/2007	RECORDING INK, INK MEDIA SET, AND INK CARTRIDGE	RICOH COMPANY, LTD.	07/05/2010	KOLKATA
36	263995	1256/KOLNP/2007	27/09/2005	25/10/2004	HOUSING	MOELLER GEBAUDEAUTOMATION GMBH	20/07/2007	KOLKATA
37	263999	2516/KOLNP/2006	07/07/2005	09/07/2004	BATTERY HAVING A/S (AFTER SERVICE) LABEL AND METHOD FOR MANUFACTURING THE SAME	LG CHEM, LTD.	01/06/2007	KOLKATA
38	264004	62/KOLNP/2009	17/07/2007	18/07/2006	AMINOINDANE DERIVATIVE OR SALT THEREOF	ASTELLAS PHARMA INC.	03/04/2009	KOLKATA
39	264012	3053/KOLNP/2008	04/01/2007	05/01/2006	A METHOD FOR RETRANSMITTING PROTOCOL DATA UNIT (PDU) IN A MOBILE COMMUNICATION SYSTEM	LG ELECTRONICS INC.	06/02/2009	KOLKATA
40	264013	3693/KOLNP/2007	29/03/2006	31/03/2005	METHODS OF INSPECTING OPHTHALMIC LENSES	JOHNSON & JOHNSON VISION CARE, INC.	31/10/2008	KOLKATA
41	264014	1053/KOL/2008	17/06/2008 11:50:57	26/06/2007	LOW ELECTRICAL RESISTANCE BIPOLAR PLATE-DIFFUSION MEDIA ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
42	264015	1634/KOLNP/2009	24/10/2007	30/10/2006	METHOD FOR DESIGNING MULTIFOCAL CONTACT LENSES	JOHNSON & JOHNSON VISION CARE, INC.	29/05/2009	KOLKATA
43	264019	1429/KOL/2008	22/08/2008	13/09/2007	METHOD TO MONITOR A SENSING SYSTEM ADAPTED TO MONITOR AN OUTPUT OF AN ELECTROMECHANICAL TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
44	264020	495/KOLNP/2008	06/06/2006	29/07/2005	FLUIDIC OSCILLATION FLOW METER	MOTOROLA, INC.	17/10/2008	KOLKATA

45	264021	2895/KOLNP/2007	04/10/2005	22/02/2005	A MULTI-CHANNEL ENCODER AND DECODER WITH METHOD OF ENCODING AND DECODING MULTI-CHANNEL SIGNAL	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	07/09/2007	KOLKATA
46	264022	4332/KOLNP/2007	05/05/2006	13/05/2005	ELECTRONIC COMPONENT AND METHOD FOR FIXING THE SAME	WURTH ELEKTRONIK IBE GMBH	25/01/2008	KOLKATA
47	264023	1819/KOL/2008	24/10/2008	27/10/2007	METHOD TO MONITOR SIGNAL INTEGRITY IN A DISTRIBUTED CONTROL SYSTEM OPERATIVE TO CONTROL A HYBRID POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS LLC, DAIMLER AG, CHRYSLER LLC, BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT	08/05/2009	KOLKATA
48	264039	4012/KOLNP/2007	23/05/2006	23/05/2005	TASTE POTENTIATOR COMPOSITIONS AND EDIBLE CONFECTIONERY AND CHEWING GUM PRODUCTS CONTAINING SAME	INTERCONTINENTAL GREAT BRANDS LLC	04/04/2008	KOLKATA
49	264040	2718/KOLNP/2006	14/03/2005	15/03/2004	COMBINATION VACCINES WITH LOW DOSE OF HIB CONJUGATE.	NOVARTIS VACCINES AND DIAGNOSTICS, S.R.L.	01/06/2007	KOLKATA
50	264058	4196/KOLNP/2007	02/05/2006	02/05/2005	A RECOMBINANT NEUROTROPIC VIRAL VECTOR BEING AN ADENOASSOCIATED VIRAL VECTOR (AAV VECTOR)	GENZYME CORPORATION	15/02/2008	KOLKATA
51	264068	2334/KOLNP/2007	21/11/2005	30/11/2004	STRIP PRODUCT FORMING A SURFACE COATING OF PEROVSKITE OR SPINEL FOR ELECTRICAL CONTACTS	SANDVIK INTELLECTUAL PROPERTY AB	17/08/2007	KOLKATA
52	264069	677/CAL/1995	14/06/1995	16/06/1994	AN INSULIN ANALOG-PROTAMINE COMPLEX AND PARENTERAL PHARMACEUTICAL FORMULATION	ELI LILLY AND COMPANY	14/10/2005	KOLKATA
53	264070	4314/KOLNP/2008	23/03/2007	24/03/2006	2-AMINOPYRIDINE ANALOGS AS GLUCOKINASE ACTIVATORS	ARRAY BIOPHARMA INC.	06/03/2009	KOLKATA
54	264071	637/KOL/2006	27/06/2006	13/01/2006	SEMI-SUBMERSIBLE FLOATING OFFSHORE STRUCTURE AND METHOD FOR ATTACHING OFFSHORE EQUIPMENT TOGETHER	J. RAY MCDERMOTT, S.A.	20/07/2007	KOLKATA

55	264072	325/KOLNP/2007	24/06/2005	16/07/2004	" A CLAMP APPARATUS FOR SELECTIVELY PREVENTING FLUID FLOW THROUGH A RESILIENT TUBE "	CARDINAL HEALTH 303, INC.	06/07/2007	KOLKATA
56	264074	1332/KOL/2006	11/12/2006	13/02/2006	PARK INHIBIT ASSEMBLY FOR AN ELECTRIC TRANSMISSION RANGE SELECTION SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC	24/08/2007	KOLKATA
57	264076	1492/KOLNP/2004	07/05/2003	09/05/2002	A FLUID DISPENSING DEVICE	GLAXO GROUP LIMITED	16/06/2006	KOLKATA
58	264077	3526/KOLNP/2006	26/05/2005	02/06/2004	A DEVICE FOR HANDLING LIQUID SAMPLES	AMIC AB	15/06/2007	KOLKATA
59	264078	1069/KOL/2008	19/06/2008	26/07/2007	A FLAT RIBBON HEALD AND AN ECONOMICAL METHOD FOR MANUFACTURING THE SAME	GROZ-BECKERT KG	24/04/2009	KOLKATA
60	264079	392/KOLNP/2008	03/08/2006	03/08/2005	COMPOSITIONS AND METHODS FOR PRODUCTION OF IMMUNOGLOBULINS	IBIO, INC.	17/04/2009	KOLKATA

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