

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2850/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 10/01/2014

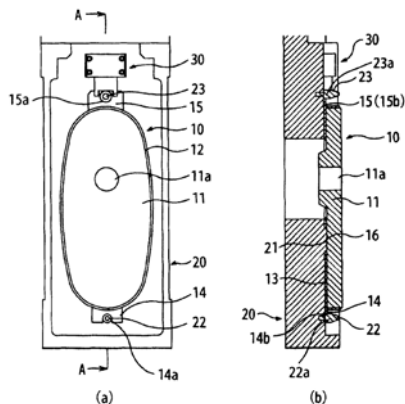
(54) Title of the invention : PLATE FIXING STRUCTURE AND PLATE

(51) International classification :B22D41/34,B22D11/10
 (31) Priority Document No :2011-075695
 (32) Priority Date :30/03/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/057505
 Filing Date :23/03/2012
 (87) International Publication No :WO 2012/133181
 (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)KROSAKIHARIMA CORPORATION
 Address of Applicant :1-1, Higashihama-machi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8586 JAPAN
 (72)Name of Inventor :
1)FUNATO, Junichi
2)SADANO Shunji

(57) Abstract :

The present invention relates to a plate fixing structure and a plate used in the fixing structure. According to the plate fixing structure of the present invention, alignment of a fitting recessed portion and a fitting projecting portion can be easily achieved through a recess-projection fitting method for performing fitting into the fitting recessed portion or fitting projecting portion provided in a metal frame accommodating the plate. A first engagement portion (14) and a second engagement portion (15) extend from respective ends in a sliding direction of a plate (10), and a first accommodating portion (22) and a second accommodating portion (22) are disposed at a metal frame for plate accommodation (20) to be coupled with the first engagement portion (14) and the second engagement portion (15), respectively. When the first engagement portion (14) is engaged and supported with the first accommodating portion (22), a fitting recessed portion (16) of the plate and an fitting projecting portion (21) of the metal frame for plate accommodation are aligned in the sliding direction of the plate. When the second engagement portion (15) is engaged with the second accommodating portion (23), alignment is made in a direction perpendicular to the sliding direction of the plate of the fitting recessed portion (16) and the fitting projecting portion (21).



No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2851/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : ACTIVE MATERIALS FOR ELECTRO-OPTIC DEVICES AND ELECTRO-OPTIC DEVICES

(51) International classification :H01L31/0725,H01L31/042,H01L51/42
(31) Priority Document No :61/468,904
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031265
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135527
(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)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Address of Applicant :1111 Franklin Street Oakland, CA 95607-5200, U.S.A.
(72)Name of Inventor :
1)YANG Yang
2)Letian DOU
3)Jing-Bi YOU

(57) Abstract :

Tandem electro-optic devices and active materials for electro-optic devices are disclosed. Tandem devices include p-type and n-type layers between the active layers, which are doped to achieve carrier tunneling. Low bandgap conjugated polymers are also disclosed.

No. of Pages : 65 No. of Claims : 39

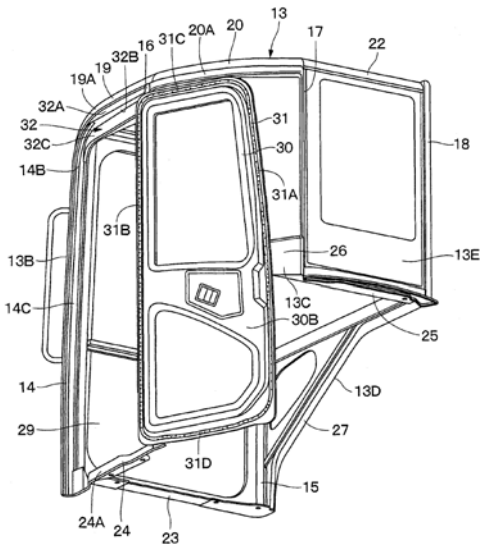
(54) Title of the invention : CONSTRUCTION MACHINE

(51) International classification :E02F9/16
 (31) Priority Document No :2011-131134
 (32) Priority Date :13/06/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/063747
 Filing Date :29/05/2012
 (87) International Publication No :WO 2012/172966
 (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)Hitachi Construction Machinery Co. Ltd.
 Address of Applicant :5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004, JAPAN
 (72)Name of Inventor :
1)TANAKA Tomoyuki
2)KIMURA Shogo

(57) Abstract :

An entryway (29) is furnished to the left front face (13B) enclosed by a left front pillar (14), a left middle pillar (16), and a left front roof pillar (19) of a cab box (13); and a door (30) for opening and closing the entryway (29) is rotatably attached to the left middle pillar (16). At the periphery of the door (30) there is furnished a seal member (31) adapted to seal the entire perimeter between the door and the cab box (13) when the door (30) is closed. A seal receiving member (32) is furnished separately from the left front roof pillar (19), to the lower side of the left front roof pillar (19), and this seal receiving member (32) forms a seal receiving face (32C) that, when the door (30) is closed, is abutted by an upper seal portion (31C) extending in the front and back directions at a position to the upper side of the seal member (31).



No. of Pages : 44 No. of Claims : 4

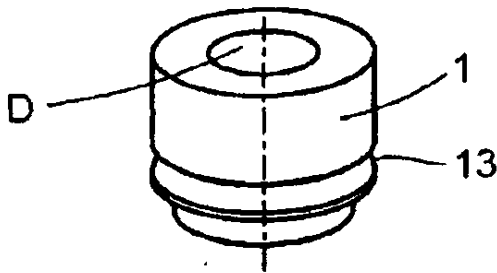
(54) Title of the invention : DEVICE FOR FASTENING A PERFORATED BLOCK, AND PERFORATED BLOCK

(51) International classification :B22D41/08,B22D41/34,B22D41/50
 (31) Priority Document No :00813/11
 (32) Priority Date :06/05/2011
 (33) Name of priority country:Switzerland
 (86) International Application No :PCT/EP2012/001803
 Filing Date :26/04/2012
 (87) International Publication No :WO 2012/152383
 (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)STOPINC AKTIENGESELLSCHAFT
 Address of Applicant :Bösch 83a, CH-6331 Hünenberg, SWITZERLAND
 (72)Name of Inventor :
1)STEINER, Benno
2)AMSLER, Harry
3)ZINGRE, Angelo

(57) Abstract :

In a device for fastening a perforated block (1) to a metal melt container, the perforated block (1) can be fastened by means of at least one clamping wedge (36) which can be inserted transversely with respect to its through opening (D) and which has a clamping jaw (35) coupled thereto, wherein this clamping jaw (35) acts on a clamping surface (13) formed on the circumferential surface of the perforated block (1). The respective clamping wedge (36) is guided in a carrier plate (33) so as to be displaceable in its longitudinal extent and transversely with respect thereto, while the clamping jaw (35) coupled thereto can be moved in this transverse direction. Consequently, the perforated block can be fastened with precise positioning in the carrier plate (33) in a simple manner.



No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2854/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : EXPANSION CONNECTION ARRANGEMENT FOR ADJOINING POWER RAILS OF AN OVERHEAD LINE SYSTEM FOR ELECTRIC LOCOMOTIVES

(51) International classification	:B60M1/30	(71)Name of Applicant :
(31) Priority Document No	:102011006308.0	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:29/03/2011	Address of Applicant :Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2012/054014	(72)Name of Inventor :
Filing Date	:08/03/2012	1)HAHN, Gunter
(87) International Publication No	:WO 2012/130582	
(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 expansion connection arrangement for adjoining power rails (20, 20) of an overhead line system for electric locomotives. The power rails (20, 20) to be connected are arranged spaced apart from one another here at a joint distance (s) and each have a contact wire (10, 10) along which a current collector of a locomotive vehicle can slide for the purpose of transmitting energy. According to the invention, a connection profile (50) is connected to the one power rail (20), and a corresponding profile (50) is connected to the other power rail (20). The connecting profile (50) and the corresponding profile (50) engage one in the other in a positively locking fashion such that they can slide one into the other in the direction of the contact wire (10 and 10, respectively) and are locked transversally with respect thereto. Each of the power rails (20, 20) is respectively connected to a half rail (60, 60) assigned thereto, which half rails (60, 60) support the contact wires (10, 10) between the power rails (20, 20) with the connection profile (50) and the corresponding profile (50), respectively, and secure them parallel to one another at a defined contact wire distance (d) over an overlapping length (1). As a result, an expansion connection arrangement is made available which is low in weight, compensates large expansion lengths and has good override properties.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2856/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : INTERBODY DEVICE AND PLATE FOR SPINAL STABILIZATION AND INSTRUMENTS FOR POSITIONING SAME

(51) International classification :A61F2/44,A61B17/70,A61F2/76
(31) Priority Document No :13/040,035
(32) Priority Date :03/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027230
Filing Date :01/03/2012
(87) International Publication No :WO 2012/118941
(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)WARSAW ORTHOPEDIC, INC.
Address of Applicant :2500 Silveus Crossing, Warsaw, IN 46581 U.S.A.
(72)**Name of Inventor :**
1)ARMSTRONG, William, D
2)CARLS, Thomas, A.
3)COWAN, John, A.
4)DUNCAN, James P.
5)HYNES, Richard, A.
6)MELKENT, Anthony, J.
7)MOBASSER, Jean-Pierre
8)SILCOX, M., D., Hal, III

(57) Abstract :

Systems, methods and devices for providing stabilization between first and second vertebrae are provided. More particularly, in one form a system includes an implant configured to be positioned in a disc space between the first and second vertebrae and a freestanding plate for engagement with extradiscal surfaces of the first and second vertebrae. The system also includes an insertion instrument with an engaging portion configured to releasably engage with the implant and the plate such that the implant and plate can be positioned together relative to the first and second vertebrae. In one aspect, an angular orientation of the implant relative to the plate is adjustable when the implant and the plate are engaged by the instrument. In this or another aspect, the implant and plate are held in a contiguous relationship when engaged by the instrument. However, different forms and applications are also envisioned.

No. of Pages : 35 No. of Claims : 14

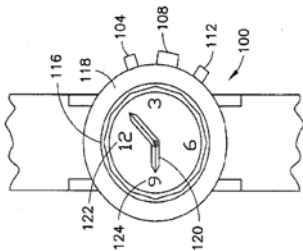
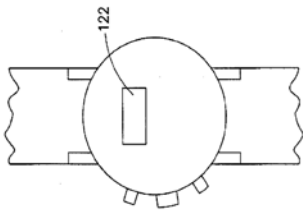
(54) Title of the invention : A TALKING DOME WATCH FOR THE VISUALLY IMPAIRED

(51) International classification :G04C23/00,G04B21/02
 (31) Priority Document No :61/448,510
 (32) Priority Date :02/03/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2012/027506
 Filing Date :02/03/2012
 (87) International Publication No :WO 2012/119085
 (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)TOUCHDOME LLC.
 Address of Applicant :3900 Fairfax Drive, #1902, Arlington, VA 22203 U.S.A.
 (72)**Name of Inventor :**
1)WOLFF, Kathleen
2)DOYLE, Scott, William

(57) Abstract :

A watch includes a first input for a actuating an audible announcement of the time and a second input for adjusting a volume of the announcement. The first input produces a second signal that changes an operating mode of the watch to a second operating mode in which a second parameter is adjusted by the second input. The first input is a cover or glass of the watch and the second input is a rotatable bezel.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2858/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : BISPECIFIC BINDING AGENTS

(51) International classification :C07K16/22,C07K16/18,A61K39/395

(31) Priority Document No :61/448,089

(32) Priority Date :01/03/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/027154

Filing Date :29/02/2012

(87) International Publication No :WO 2012/118903

(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)AMGEN INC.

Address of Applicant :One Amgen Center Drive, Thousand Oaks, CA 91320-1799 U.S.A.

(72)Name of Inventor :

1)FLORIO, Monica

2)ARORA, Taruna

3)PASZTY, Christopher, J., R.

4)RICHARDS, William, G.

(57) Abstract :

The invention relates to bispecific anti-sclerostin/anti-DKK1 binding agents and combinations of anti-sclerostin and anti-DKK1 binding agents, and related methods of treatment.

No. of Pages : 204 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2860/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR HARVESTING CELLS.

(51) International classification	:C12N5/00,C12N5/077	(71) Name of Applicant :
(31) Priority Document No	:61/475,761	1)PLURISTEM LTD.
(32) Priority Date	:15/04/2011	Address of Applicant :Matam Building #20, 31905 Haifa (IL).
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IB2012/000933	(72) Name of Inventor :
Filing Date	:15/04/2012	1)KASUTO, Harel
(87) International Publication No	:WO 2012/140519	2)DRORI-CARMI, Nirit
(61) Patent of Addition to Application Number	:NA	3)ZOHAR, Barak
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for using vibration to harvest cells grown in 3D culture are provided. The methods entail the application of force to cells attached to a 3D matrix of sufficient amplitude, frequency, and duration to detach cells from the matrix and to flush the detached cells out of the matrix material. An apparatus for performing the methods of the invention as provided.

No. of Pages : 68 No. of Claims : 82

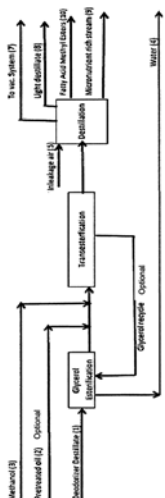
(54) Title of the invention : A PROCESS FOR AUTOCATALYTIC ESTERIFICATION OF FATTY ACIDS

(51) International classification :C11C3/02,C11C3/10
 (31) Priority Document No :1100281.3
 (32) Priority Date :14/04/2011
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/EP2012/056630
 Filing Date :12/04/2012
 (87) International Publication No :WO 2012/140111
 (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)ALFA LAVAL CORPORATE AB
 Address of Applicant :Box 73, SE-22100 Lund, SWEDEN
 (72)**Name of Inventor :**
1)JONSSON, Susanne
2)SARUP, Bent

(57) Abstract :

The present invention relates to a process for isolation of micronutrients from deodorizer distillate comprising free fatty acids, the process comprises the following steps: (i)treating the deodorizer distillate in an esterification step with glycerol, which esterification step is autocatalysed, producing a feedstock of acyl glycerides, and discharging excess of glycerol and produced water; (ii)transferring the feedstock of acyl glycerides having a water content less than 1500 ppm and a free fatty acid content less than 3wt% to a transesterification step and treating the feedstock of acyl glycerides with methanol to produce a crude biodiesel product; and (iii)refining the crude biodiesel product in a distillation step, and separating the crude biodiesel product into three fractions 1) fatty acid methyl esters, 2) micronutrient rich product comprising tocopherol, and 3) light hydrocarbons.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2862/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : PYRIDOPYRAZINE DERIVATIVES AND THEIR USE

(51) International classification :A61K31/4985,A61K31/501,A61K31/5377
(31) Priority Document No :11161248.7
(32) Priority Date :06/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056142
Filing Date :04/04/2012
(87) International Publication No :WO 2012/136694
(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)ÆTERNA ZENTARIS GMBH
Address of Applicant :Weismüllerstraße 50, 60314 Frankfurt am Main, GERMANY
(72)Name of Inventor :
1)GERLACH, Matthias
2)SEIPELT, Irene
3)BLUMENSTEIN, Lars
4)MUELLER, Gilbert
5)GÜNTHER, Eckhard
6)SCHUSTER, Tilmann
7)TEIFEL, Michael

(57) Abstract :

The present invention provides new pyridopyrazine compounds which are suitable for the treatment or prevention of physiological and/or pathophysiological states mediated and/or modulated by signal transduction pathways and/or enzymes in mammals and in particular in humans.

No. of Pages : 307 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2863/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING MULTIPLE TIMING ADVANCE GROUPS IN MOBILE COMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION PRIORITY

(51) International classification :H04J11/00,H04B7/26,H04W56/00
(31) Priority Document No :61/471,872
(32) Priority Date :05/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/002571
Filing Date :05/04/2012
(87) International Publication No :WO 2012/138143
(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)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, REPUBLIC OF KOREA
(72)Name of Inventor :
1)Sang Bum KIM
2)Kyeong In JEONG

(57) Abstract :

A method and apparatus for managing multiple Timing Advance Groups (TAGs) operating with different timings are provided for use in a Long Term Evolution (LTE) system. The method for managing multiple TAGs at a base station of a wireless communication system supporting carrier aggregation according to an exemplary embodiment of the present invention includes categorizing a plurality of carriers into at least one TAG according to a predetermined rule, assigning a TAG index to each TAG, transmitting the TAG index to a terminal, generating a Timing Advance Command (TAC) for synchronization, and transmitting the TAC to the terminal in a random access process. The method and apparatus for managing TAGs according to exemplary embodiments of the present invention is capable of informing of the timing advance group to which each carrier belongs and managing multiple timing advance groups efficiently without signaling overhead.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2864/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD AND APPARATUS OF CONFIGURING DOWNLINK TIMING AND TRANSMITTING RANDOM ACCESS RESPONSE IN MOBILE COMMUNICATION SYSTEM USING CARRIER AGGREGATION

(51) International classification :H04J11/00,H04B7/26,H04W74/08
(31) Priority Document No :61/471,872
(32) Priority Date :05/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/002570
Filing Date :05/04/2012
(87) International Publication No :WO 2012/138142
(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)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 443-742, REPUBLIC OF KOREA
(72)Name of Inventor :
1)Jae Hyuk JANG
2)Kyeong In JEONG

(57) Abstract :

A method of configuring downlink timings and transmitting a random access response message is provided for a random access procedure in a Long Term Evolution (LTE) system supporting carrier aggregation. The method for adjusting timing of a terminal in a wireless communication system supporting carrier aggregation of at least one carrier includes transmitting a Random Access Preamble to a base station, and receiving a Random Access Response with a Timing Advance Command (TAC) for commanding uplink timing adjustment from the base station, wherein the Random Access Response comprises information indicating a Timing Advance Group (TAG) to which the TAC is applied.

No. of Pages : 30 No. of Claims : 16

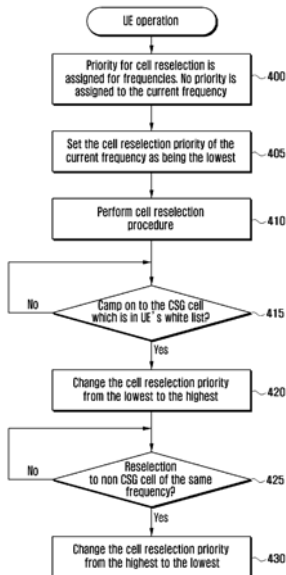
(54) Title of the invention : METHOD AND APPARATUS FOR EFFECTIVELY CONTROLLING CELL RESELECTION PRIORITY OF USER EQUIPMENT IN CSG CELL

(51) International classification :H04W36/08,H04W36/04,H04W48/08
 (31) Priority Document No :61/473,966
 (32) Priority Date :11/04/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2012/002729
 Filing Date :10/04/2012
 (87) International Publication No :WO 2012/141482
 (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)SAMSUNG ELECTRONICS CO., LTD.
 Address of Applicant :129, Samsung-ro Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742 Republic of Korea
 (72)Name of Inventor :
1)Sang Bum KIM
2)Soeng Hun KIM
3)Kyeong In JEONG

(57) Abstract :

A method by which a User Equipment (UE) controls a cell reselection priority in a Closed Subscriber Group (CSG) cell and an apparatus thereof are provided. The method of reselecting a cell by a UE in a mobile communication system includes receiving priority information about a cell reselection priority by frequencies transmitted from the mobile communication system, performing a cell reselection process according to the received priority information, determining whether a CSG cell to which the UE is allowed to connect is reselected, and assigning a highest cell reselection priority to a frequency for the CSG cell in reselecting the CSG cell.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2868/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : PRESSURE-RESISTANT HOUSING

(51) International classification :H02B1/28,F16J12/00,H01H9/04
(31) Priority Document No :10 2011 001 723.2
(32) Priority Date :01/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055418
Filing Date :27/03/2012
(87) International Publication No:WO 2012/130849
(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)KONECRANES PLC

Address of Applicant :Koneenkatu 8, FI-05830 Hyvinkää,
FINLAND

(72)Name of Inventor :

1)MACK, Wilhelm

2)GRÜBEL, Willy

3)KAPP, Tatjana

4)WULFF, Andreas

5)HESS, Wilfried

(57) Abstract :

In order to produce a pressure-resistant housing (10) of the explosion protection type ex-d, the process is started with two sheet metal blanks which are bent in a u-shaped manner. Said sheet-metal blanks are joined by being inserted one into the other, bound and then welded together, without the provision of a weld seam, by a circumferential fillet weld. A large aperture (28) is preferably provided on one side of the housing (10). Said aperture can be closed by a threaded cover or by a flat cover.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2869/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : PNEUMATIC SHIFTING FORCE SUPPORTING DEVICE

(51) International classification :F16H61/30
(31) Priority Document No :10 2011 015 713.1
(32) Priority Date :31/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001403
Filing Date :30/03/2012
(87) International Publication No :WO 2012/130466
(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)HOERBIGER AUTOMOTIVE KOMFORTSYSTEME
GMBH**
Address of Applicant :Martina-Hörbiger-Str. 5, 86956
Schongau GERMANY
(72)Name of Inventor :
1)MACKE, Wlodzimierz

(57) Abstract :

A pneumatic shifting force supporting device for a gearbox comprises a housing structure (1) having a compressed air inlet (24) and an air vent (48), and having a control rod (17) and an output unit (3) which comprises a working piston (12) defining two pneumatic working chambers (14, 15). A valve arrangement (23) is functionally provided between the control rod and the output unit. By acting appropriately on the two pneumatic working chambers, said valve arrangement brings about a pneumatic follow-up control from the output unit to the control rod and comprises two valve pistons (20, 21), two annular sealing edges (43), two valve spools (30, 31) co-operating with said sealing edges and two valve seats (26, 27). A throttle slide (51) is associated with at least one of the valve pistons and is slidable relative thereto. The throttle slide has a closing edge (58) co-operating with the respective associated valve seat and delimiting at least one throttle passage (49), the cross-sectional area of which depends on the relative position of the throttle slide with respect to the associated valve piston.

No. of Pages : 26 No. of Claims : 18

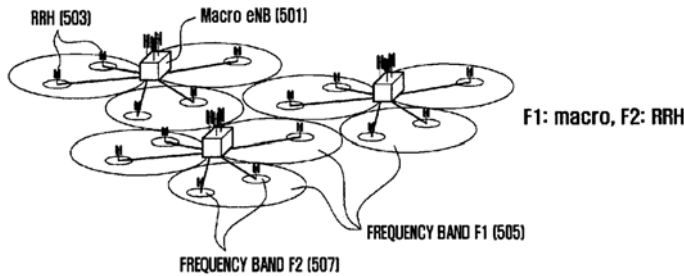
(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION

(51) International classification :H04W74/08,H04J11/00
 (31) Priority Document No :61/471,872
 (32) Priority Date :05/04/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2012/002556
 Filing Date :05/04/2012
 (87) International Publication No :WO 2012/138135
 (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)SAMSUNG ELECTRONICS CO., LTD.
 Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea
 (72)**Name of Inventor :**
1)Kyeong In JEONG
2)Gert Jan VAN LIESHOUT

(57) Abstract :

A random access procedure control method and apparatus is provided for controlling a random access procedure efficiently in a mobile communication system supporting carrier aggregation. The method for controlling random access procedure of a terminal in a wireless communication system having a primary cell and at least one secondary cell includes initiating a random access procedure in the primary cell and the at least one secondary cells, detecting a random access failure of a terminal performing the random access procedure, determining whether the random access failure is detected in the primary cell or the at least one secondary cell, and determining whether to continue the random access procedure according to a result of the determining of whether the random access failure is detected.



No. of Pages : 22 No. of Claims : 12

(54) Title of the invention : HYBRID VEHICLE ENGINE START CONTROL DEVICE

(51) International classification :B60W10/08,B60K6/445,B60W20/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/054607
Filing Date :01/03/2011
(87) International Publication No :WO 2012/117516
(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)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 4328611 JAPAN
(72)**Name of Inventor :**
1)TAGAWA Masaaki
2)ITO Yoshiki
3)SAITO Masakazu
4)OHKUMA Hitoshi
5)HOSOE Yukihiro

(57) Abstract :

A control means (17) of this hybrid vehicle engine start control device (1) calculates an inertia correction torque for compensating for the inertial torque of the engine and multiple motor generators on the basis of the target engine rotational acceleration, and calculates a command torque value of the motor generators (4, 5) on the basis of this inertia correction torque. By this means, the ability to follow the engine rotational speed can be improved because the motor torque is corrected such that the inertial torque is compensated for, and further, vibration can be suppressed at engine start because the resonance speed range at engine start is passed through in a short time.

No. of Pages : 40 No. of Claims : 2

(54) Title of the invention : HYBRID VEHICLE DRIVE CONTROL DEVICE

(51) International classification :B60W10/08,B60K6/445,B60W10/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/054609
Filing Date :01/03/2011
(87) International Publication No :WO 2012/117518
(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)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-cho, Minami-ku,
Hamamatsu-shi, Shizuoka 4328611 JAPAN
(72)**Name of Inventor :**
1)TAGAWA Masaaki
2)ITO Yoshiki
3)SAITO Masakazu
4)OHKUMA Hitoshi
5)HOSOE Yukihiro

(57) Abstract :

With the purpose of improving drivability and driving experience, this invention takes into account the inertial torque of an internal combustion engine and multiple motor generators to optimize the torque variation of the internal combustion engine so as not to affect the drive torque especially when the internal combustion engine is started. This hybrid vehicle drive control device makes it possible to calculate the torque command values of the motor generators and make feedback corrections to the torque command values. An inertial torque correction calculation means is provided which calculates an inertial torque correction amount for the torque command values of the motor generators on the basis of the inertial torque calculated from the target engine rotational speed; a motor torque command value calculation means adds the inertial torque correction amounts to the respective feedback corrections of the motor generators and outputs the motor torque command values.

No. of Pages : 53 No. of Claims : 3

(54) Title of the invention : HYBRID VEHICLE ENGINE START CONTROL DEVICE

(51) International classification :B60W10/06,B60K6/445,B60W10/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/054608
Filing Date :01/03/2011
(87) International Publication No :WO 2012/117517
(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)SUZUKI MOTOR CORPORATION
Address of Applicant :300,Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 4328611 JAPAN
(72)Name of Inventor :
1)TAGAWA Masaaki
2)ITO Yoshiki
3)SAITO Masakazu
4)OHKUMA Hitoshi
5)HOSOE Yukihiro

(57) Abstract :

This hybrid vehicle engine start control device (1) is provided with a mechanism (39) for fixing an output shaft (3) of an engine (2) and driving and controlling the vehicle using output from the engine (2) and multiple motor generators (4, 5), wherein, when the engine (2) is started, after gradually decreasing the torque acting on the output shaft (3) of the engine (2), the engine torque is gradually changed until said engine torque is the torque necessary for cranking the engine (2). By this means, because step changes in torque are avoided when applying the torque necessary for starting the engine, sudden fluctuations in the driving force are suppressed and shocks during engine start are reduced.

No. of Pages : 44 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2877/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : ELUTING MEDICAL DEVICES

(51) International classification :A61L29/08
(31) Priority Document No :61/449,427
(32) Priority Date :04/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027493
Filing Date :02/03/2012
(87) International Publication No :WO 2012/122023
(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)W.L. GORE & ASSOCIATES, INC.
Address of Applicant :555 Paper Mill Road P.O. Box 9329
Newark DE 19714 U.S.A.
(72)Name of Inventor :
1)CAMPBELL, Carey, V.
2)CLEEK, Robert, L.
3)HOLLAND, Theresa, A.
4)KRANZLER, Thane, L.
5)LI, Mei
6)TRAPP, Benjamin, M.

(57) Abstract :

The invention is directed to eluting medical devices that enable consistent on demand delivery of therapeutic agents to a vessel. The medical device of the current invention comprises an expandable member, a hydrophilic coating comprising at least one therapeutic agent about the expandable member or structural layer and an outer sheath with a variably permeable microstructure. The design and methods disclosed herein ensures that therapeutic agent delivery occurs essentially only during expansion of the expandable member, minimizing coating and/or therapeutic agent loss to the bloodstream and providing controlled delivery to the treatment site.

No. of Pages : 124 No. of Claims : 140

(54) Title of the invention : PIPE ENDOSCOPE

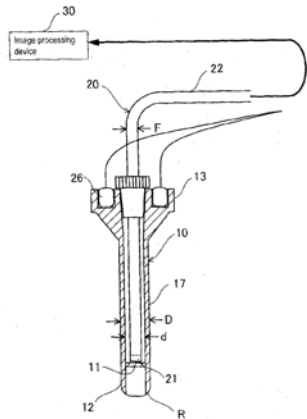
(51) International classification :A61B1/04
 (31) Priority Document No :2012-149793
 (32) Priority Date :03/07/2012
 (33) Name of priority country :Japan
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CODEN CO., LTD.
 Address of Applicant :17-1, NISHIGAHARA 4-CHOME,
 KITA-KU, TOKYO 114-0024 JAPAN
 (72)Name of Inventor :
1)KODA YOSHIHARU
2)KODA KOJIRO

(57) Abstract :

A pipe endoscope includes: a transparent observation container having a bottomed cylindrical shape which is open on a base end side and sealed on a tip side; a scope which is inserted into the observation container and includes an objective lens at a tip of the scope; and an image processing device which is connected to the scope and processes information collected by the scope to display a video image. The observation container includes: a protrusion which is projected to the tip side beyond a sealed bottom part having light-transmitting property, and a tip of which is processed to have curvature; and a detachable light source which irradiates the periphery of the bottom part with light.

100



No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2879/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : ROTATING CONNECTOR DEVICE

(51) International classification :H01R35/04
(31) Priority Document No :2011-050944
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055902
Filing Date :08/03/2012
(87) International Publication No :WO 2012/121313
(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)FURUKAWA ELECTRIC CO., LTD.
Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 1008322 JAPAN
2)FURUKAWA AUTOMOTIVE SYSTEMS INC.
(72)Name of Inventor :
1)ADACHI Ryoichi

(57) Abstract :

The purpose of the present invention is to provide steering roll connector (10) that can reliably maintain an electrical connection between a rotator (20) and a stator (30) even when dust and other foreign matter is mixed in. In this steering connector (10), a rotator (20) and stator (30) are joined relatively rotatably along the same axis with an accommodating space (S) formed by the rotator (20) and the stator (30), and a retainer (40), which supports a plurality of rotating rollers (45), and at least one flat cable (C) are accommodated in the bottom part of the accommodating space (S). A dummy cable (D) having a reversing part (Dr) that winds and reverses the winding direction of one rotating roller (45) and the flat cable (C), with one end thereof connected to the side of the rotator (20) and the other end connected to the side of the stator (30), are wound up so as to overlap and accommodated in the upper part of the retainer (40). A pressing guide part (46) that allows pressure on the reversing part (Dr) for the dummy cable is provided in the retainer (40).

No. of Pages : 49 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2880/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : AXMI115 VARIANT INSECTICIDAL GENE AND METHODS FOR ITS USE

(51) International classification :C12N15/82,C07K14/325,A01H5/00
(31) Priority Document No :61/471,848
(32) Priority Date :05/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032086
Filing Date :04/04/2012
(87) International Publication No :WO 2012/138703
(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)ATHENIX CORP.
Address of Applicant :3500 Paramount Parkway Morrisville
NC 27560 U.S.A.
(72)Name of Inventor :
1)LEHTINEN, Duane
2)DESAI, Nalini, Manoj
3)HEINRICH, Volker

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided. The toxin coding sequences can be used in DNA constructs or expression cassettes for expression in plants and bacteria. Compositions also include transformed bacteria, plants, plant cells, tissues, and seeds. In particular, polynucleotide sequences and the toxin proteins encoded thereby are provided. Also provided are antibodies specifically binding to those amino acid sequences. In particular, the invention encompasses nucleotide sequences encoding fusion proteins, as well as biologically active variants and fragments thereof, wherein the fusion protein contains the C-terminal portion of SEQ ID NO:43. The fusion protein may also contain the N-terminal portion of SEQ ID NO:45. The invention also includes the nucleotide sequence of SEQ ID NO:47 and 1-14, or a nucleotide sequence encoding the amino acid sequence set forth in SEQ ID NO:48 and 15-31, including biologically active variants and fragments thereof.

No. of Pages : 62 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2881/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : COATED SOLID PHARMACEUTICAL PREPARATION

(51) International classification :A61K9/28,A61K9/48,A61K9/50

(31) Priority Document No :11001791.0

(32) Priority Date :03/03/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/000883

Filing Date :01/03/2012

(87) International Publication No:WO 2012/116814

(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)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt GERMANY

(72)Name of Inventor :

1)LEHTONEN, Lauri

2)BLEY, Heike

3)VAN DER HEYDEN, Luc

(57) Abstract :

The invention is directed to coated solid pharmaceutical preparations having a very thin coating in the nanometer range and a method for producing such preparations. The coated solid pharmaceutical preparation can be prepared by using atomic layer deposition (ALD).

No. of Pages : 28 No. of Claims : 14

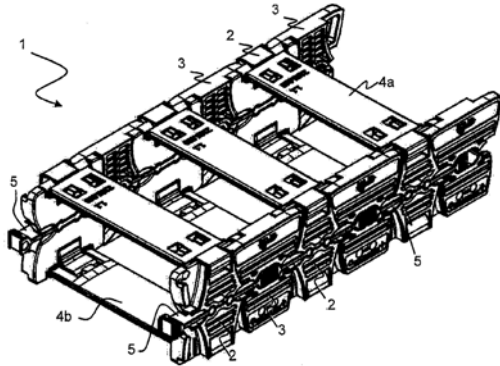
(54) Title of the invention : ENERGY GUIDE CHAIN WITH DEFORMABLE JOINT ELEMENTS

(51) International classification :F16G13/16
 (31) Priority Document No :20 2011 004 785.7
 (32) Priority Date :01/04/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/055782
 Filing Date :30/03/2012
 (87) International Publication No :WO 2012/131033
 (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)IGUS GMBH
 Address of Applicant :Spicher Str. 1a 51147 Köln
 GERMANY
 (72)**Name of Inventor :**
1)BLASE, Günter
2)JAEKER, Thilo-Alexander

(57) Abstract :

The invention relates to a cable carrier chain (1) for carrying cables, hoses or the like, having a plurality of links (2,3) which form two parallel link strands connected by transverse webs and which can be angled relative to one another by means of articulated connection, wherein the articulated connection between adjacent links (2,3) is formed by a joint element (5) which is elastically deformable in the angling direction of the links and which is preferably arranged in the longitudinal central plane (S2), which runs in the longitudinal direction of the cable carrier chain, of the links. According to the invention, in each link strand, in each case different inner links (2) and outer links (3) alternate in the longitudinal direction of the chain (1), wherein both the inner links and also the outer links are in each case of mirror-symmetrical form with respect to the vertical central plane (S1) thereof which runs perpendicular to the longitudinal direction, such that identical inner links (2) and identical outer links (3) can be used in both link strands. To secure adjacent inner and outer links (2; 3) in the longitudinal direction of the chain, the joint elements (5) have mirror-symmetrical opposite end regions (52).



No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2885/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : LUBRICATING OIL ADDITIVE COMPOSITION AND METHOD FOR IMPROVING STORAGE STABILITY OF LUBRICATING OIL ADDITIVE COMPOSITION

(51) International classification :C10M135/26,C10N20/00,C10N30/06
(31) Priority Document No :2011-096762
(32) Priority Date :25/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060954
Filing Date :24/04/2012
(87) International Publication No :WO 2012/147732
(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)ADEKA CORPORATION
Address of Applicant :2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8554, JAPAN
(72)Name of Inventor :
1)TATSUMI, Yukio
2)MORIIZUMI, Yukiya
3)IINO, Shinji

(57) Abstract :

The purpose of the present invention is to provide a thiodicarboxylic acid ester which has high long-term storage stability without inhibiting antioxidant properties and wear-resistant properties of the thiodicarboxylic acid ester. In order to achieve the above-mentioned purpose, the present invention provides a lubricating oil additive composition which is characterized by containing a compound (A) represented by general formula (1) and a compound (B) represented by general formula (2) and by having an acid value of 0.01-0.4 mgKOH/g. (In general formula (1), each of R1 and R4 independently represents a hydrocarbon group having 6-18 carbon atoms, and each of R2 and R3 independently represents an alkylene group having 1-4 carbon atoms.) (In general formula (2), R5 represents a hydrocarbon group having 6-18 carbon atoms, and each of R6 and R7 independently represents an alkylene group having 1-4 carbon atoms.)

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2886/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : BEARING DEVICE AND HYDRAULIC MACHINE

(51) International classification :F16C17/02,C23C4/04,F03B11/06
(31) Priority Document No :2011-084114
(32) Priority Date :05/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/002390
Filing Date :05/04/2012
(87) International Publication No :WO 2012/137509
(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)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001, JAPAN
2)TOSHIBA PLANT SYSTEMS & SERVICES CORPORATION
(72)Name of Inventor :
1)OGUMA Tadashi
2)MIKAMI Makoto
3)LONG Than Trong
4)KIZAKI Yasumi
5)TSUTSUI Masaji
6)TAKIMOTO Fumio
7)NAKAGAWA Naritoshi

(57) Abstract :

Provided are a water-lubricated bearing device that exhibits exceptional bearing performance, is exceptionally corrosion resistant, can prevent abnormal bearing wear, and is adaptable when an adverse event occurs in association with a drop in water level; and a hydraulic machine comprising the bearing device. The bearing device of an embodiment is a bearing device of a hydraulic machine having an upright rotating shaft, the bearing device having a water tank for storing lubricating water, and a bearing pad for supporting a skirt member from the radial direction within the lubricating water, the skirt member being provided to the rotating shaft. The bearing device of the embodiment comprises a first support mechanism for supporting the bearing pad in a slidable manner with respect to the radial direction within the lubricating water, and a second support mechanism for supporting the bearing pad in a slidable manner with respect to the axial bottom side within the lubricating water. In the first support mechanism, either a support surface for supporting the bearing pad or a surface to be supported by the supporting surface in the bearing pad is formed into a convex curved shape. In the second support mechanism, either a support surface for supporting the bearing pad or a surface to be supported by the supporting surface in the bearing pad is formed into a convex curved shape.

No. of Pages : 91 No. of Claims : 24

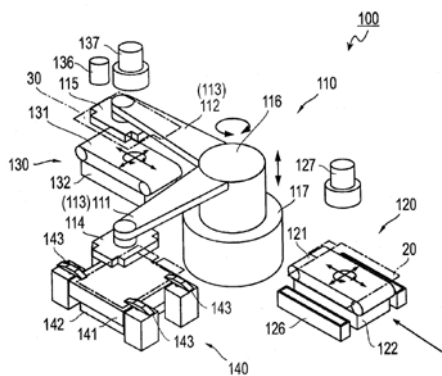
(54) Title of the invention : STACKING DEVICE AND STACKING METHOD

(51) International classification :H01M10/04,B32B37/16
 (31) Priority Document No :2011-085788
 (32) Priority Date :07/04/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/059496
 Filing Date :06/04/2012
 (87) International Publication No :WO 2012/137917
 (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)NISSAN MOTOR CO. LTD.
 Address of Applicant :2,Takara-cho,Kanagawa-ku Yokohama-shi, Kanagawa 221-0023. Japan
 (72)Name of Inventor :
1)Masashi WATANABE
2)Hiroshi YUHARA
3)Manabu YAMASHITA

(57) Abstract :

In the present invention, a first grasping section (114) moves reciprocally between a first table (121) and a lamination table (141), while a second grasping section (115) moves reciprocally between the lamination table (141) and a second table (131); when a separator-electrode assembly (20) of which the position in the horizontal direction has been adjusted over the first table (121) is grasped by the first grasping section (114), the second grasping section (115) releases a second electrode (30) over the lamination table (141); and when the first grasping section (114) releases the separator-electrode assembly (20) over the lamination table (141), the second grasping section (115) grasps the second electrode (30) of which the position in the horizontal direction has been adjusted over the second table (131). Provided are a lamination device and lamination method that are able to efficiently and highly precisely laminate a separator-electrode assembly, which comprises a first electrode sandwiched in a separator, to a second electrode having a different polarity from the first electrode.



No. of Pages : 48 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2891/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : DEVICE FOR PRODUCING PACKAGED ELECTRODE AND METHOD FOR PRODUCING BAGGED ELECTRODE

(51) International classification	:H01M10/04,H01M2/18	(71)Name of Applicant :
(31) Priority Document No	:2011-085757	1)NISSAN MOTOR CO. LTD.
(32) Priority Date	:07/04/2011	Address of Applicant :2,Takara-cho, Kanagawa-ku
(33) Name of priority country	:Japan	Yokohama-shi, Kanagawa 221-0023. Japan
(86) International Application No	:PCT/JP2012/059543	(72)Name of Inventor :
Filing Date	:06/04/2012	1)Hiroshi YUHARA
(87) International Publication No	:WO 2012/137929	2)Takahiro YANAGI
(61) Patent of Addition to Application	:NA	3)Manabu YAMASHITA
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides: a device for producing a packaged electrode that reduces the cycle time required for bagging an electrode between a pair of separators, increases the efficiency of producing packaged electrodes, and thus can contribute to increased efficiency in producing an entire battery; and a method for producing a packaged electrode. The device (100) for producing a packaged electrode has: a conveyance unit (200) that sequentially causes the overlapping of an electrode (40) and a pair of separators (30) from the front end side in the direction of conveyance while conveying same; and a joining unit (300) that joins the lateral edges of the separators (30) together. By means of this production device, the joining performed while moving the joining unit in a manner so that the relative speed difference to the conveyance speed of a workpiece (W) approaches zero is performed repeated a plurality of times from the front side in the direction of conveyance.

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2892/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : BEARING POINT DEVICE FOR A WEIGHING DEVICE

(51) International classification :F27B3/28,F27D21/00,G01G21/23
(31) Priority Document No :10 2011 017 443.5
(32) Priority Date :18/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001516
Filing Date :05/04/2012
(87) International Publication No :WO 2012/143094
(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)SCHENCK PROCESS GMBH
Address of Applicant :Pallaswiesenstrasse 100 64293
Darmstadt Germany
(72)Name of Inventor :
1)SCHNELLBÄCHER Roland
2)RETTIG Manfred

(57) Abstract :

The present invention relates to a bearing point device (1, 2, 3, 4) and to a weighing device for weighing a load element (5) which can be mounted on a pivotable base surface (6). The bearing point device (1, 2, 3, 4) comprises a weighing cell and a receiving device, which are suitable for attachment to a base surface (6) for attachment to a load element (5). A load introduction part of the weighing cell and the receiving device are designed so as to engage into one another when the load element (5) is mounted on the base surface (6). A weighing device for a load element (5) which can be mounted on the pivotable base surface (6) and which is to be weighed comprises at least three bearing point devices (1, 2, 3, 4).

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2893/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : PROCESS FOR ETHYLBENZENE PRODUCTION

(51) International classification	:C07C5/00
(31) Priority Document No	:13/098,510
(32) Priority Date	:02/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/032675
Filing Date	:09/04/2012
(87) International Publication No	:WO 2013/109296
(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)FINA TECHNOLOGY, INC. Address of Applicant :P.O. Box 674412 Houston, TX 77267-4412 U.S.A.
(72) Name of Inventor : 1)BUTLER, James, R.

(57) Abstract :

A method of producing an alkylaromatic by the alkylation of an aromatic with an alkylating agent, such as producing ethylbenzene by an alkylation reaction of benzene, is disclosed. The method includes using an H-beta catalyst in a preliminary alkylation reactor that is located upstream of the primary alkylation reactor. The H-beta catalyst used in a preliminary alkylation reactor can be regenerated and the regenerated H-beta zeolite catalyst can have a deactivation rate that is no more than 120% of the deactivation rate of a fresh H-beta zeolite catalyst.

No. of Pages : 57 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2920/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : NONWOVEN FABRIC ROLL

(51) International classification :D04H3/007
(31) Priority Document No :2011-083732
(32) Priority Date :05/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059214
Filing Date :04/04/2012
(87) International Publication No :WO 2012/137827
(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)Asahi Kasei Fibers Corporation

Address of Applicant :3-23, Nakanoshima 3-chome, Kita-ku,Osaka-shi, Osaka 5308205, JAPAN

(72)Name of Inventor :

1)YAHANASHI, Masahiro

2)ZEISHO, Kazuya

3)UENO, Ikuo

(57) Abstract :

The purpose of the present invention is to provide a nonwoven fabric roll that has been stably rolled-up in a long length without damaging the performance of the nonwoven fabric with a good texture. The nonwoven fabric roll is characterized by having a package density $[(\text{basis weight}) \times (\text{roll length})/(\text{cross-section area})]$ within a range of 0.175-0.400 g/cm³ inclusive.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2921/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

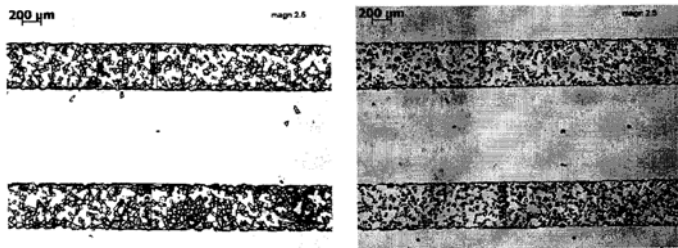
(54) Title of the invention : ALUMINIUM OXIDE PASTES AND PROCESS FOR THE USE THEREOF

(51) International classification :H01L31/18,C23C24/08,C23C26/00
(31) Priority Document No :11001921.3
(32) Priority Date :08/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/000592
Filing Date :09/02/2012
(87) International Publication No :WO 2012/119686
(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)MERCK PATENT GMBH
Address of Applicant :Frankfurter Strasse 250, 64293
Darmstadt, GERMANY
(72)Name of Inventor :
1)Ingo KOEHLER
2)Oliver DOLL
3)Werner STOCKUM
4)Sebastian BARTH

(57) Abstract :

The invention relates to aluminium oxide pastes and to a method for using the aluminium oxide pastes for forming Al₂O₃ coatings or mixed Al₂O₃ hybrid layers.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2924/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : THROUGH-COIL ARRANGEMENT, TEST APPARATUS WITH THROUGH-COIL ARRANGEMENT AND TESTING METHOD

(51) International classification :G01N27/90
(31) Priority Document No :10 2012 202 800.5
(32) Priority Date :23/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/050470
Filing Date :11/01/2013
(87) International Publication No :WO 2013/124087
(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)INSTITUT DR. FOERSTER GMBH & CO. KG
Address of Applicant :In Laisen 70, 72766 Reutlingen,
GERMANY

(72)Name of Inventor :
1)BÖCKER, Matthias
2)HADITSCH, Franz
3)KOCH, Stefan

(57) Abstract :

A through-coil arrangement (100) for use in a testing device for testing elongated products in a feed-through method by means of eddy currents has a field coil arrangement with a field coil (122) enclosing a passage opening (112) for guiding an elongated product (190) along a feed-through direction (192), and a receiver coil arrangement arranged around the passage opening. The receiver coil arrangement has two or more segment coil arrangements (142-1 to 142-8) distributed around the periphery of the passage opening (112), each segment coil arrangement having a detection range that covers only a peripheral section of the periphery of the surface of the elongated product. The segment coil arrangements (142-1 to 142-8) are distributed on at least two shells (S1, S2) surrounding the passage opening at different distances (A1, A2) from a reference axis (114) of the through-coil arrangement. First segment coil arrangements (142-1 to 142-4) are arranged without mutual overlapping on a first shell (S1) and second segment coil arrangements (142-5 to 142-8) are arranged without mutual overlapping on a second shell (S2). First and second segment coil arrangements are arranged peripherally offset from one another in the peripheral direction in such a way that the second segment coil arrangements detect peripheral sections that are not covered by the first segment coil arrangements.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2927/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : NOVEL CROSS-LINKED PEPTIDES CONTAINING NON-PEPTIDE CROSS-LINKED STRUCTURE, METHOD FOR SYNTHESIZING CROSS-LINKED PEPTIDES, AND NOVEL ORGANIC COMPOUND USED IN METHOD

(51) International classification :C07K1/113,C07K7/06,C07K14/00
(31) Priority Document No :2011-052107
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054895
Filing Date :28/02/2012
(87) International Publication No :WO 2012/121057
(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)Jitsubo Co., Ltd.

Address of Applicant :2-24-16, Naka-cho, Koganei-city, Tokyo 1840012 JAPAN

(72)Name of Inventor :

1)KONO, Yusuke

2)FUJITA, Shuji

3)SUZUKI, Hideaki

4)OKUMOTO, Mari

5)NAKAE, Takashi

6)CHIBA, Kazuhiro

(57) Abstract :

The purpose of the present invention is to provide novel cross-linked peptides containing a non-peptide cross-linked structure, and a method for synthesizing the same. Cross-linked peptides having a non-peptide cross-linked structure with a novel structure, a useful intermediate for synthesizing the cross-linked peptides, and a method for synthesizing the novel cross-linked peptides and the intermediate are provided. These cross-linked peptides are characterized by having an -NR- bond in the cross-linked structure. By using the method for synthesizing these cross-linked peptides, cross-links can be freely designed and changes can be freely made to the cross-links.

No. of Pages : 207 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : DEVICE TO ASSIST THE OPENING OF A COVERING ELEMENT PIVOTABLY MOUNTED RELATIVE TO AN EDGE OF A FRAME

(51) International classification :E05F1/10,E02D29/14,E06B5/01
(31) Priority Document No :11 51 944
(32) Priority Date :09/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050490
Filing Date :08/03/2012
(87) International Publication No:WO 2012/120239
(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)EJ EMEA

Address of Applicant :Z.I de Marivaux, F-60149 Saint Crepin Ibouvillers FRANCE

(72)Name of Inventor :

1)PIERMEE, Alexandre

(57) Abstract :

The present invention relates to a device to assist the opening of a covering element pivotably mounted relative to an edge of a frame. According to the invention, the assistance cylinder (6) includes a hollow shaft (7), a guide pin (10) inserted in the hollow shaft (7) and comprising at the end thereof opposite the end wall (8) of the hollow shaft (7) a yoke (11), a spring (13) inserted in the hollow shaft (7) surrounding the guide pin (10) and mounted pre-stressed when unloaded between the end wall (4) of the hollow shaft (7) and the yoke (11) of the guide pin (10), and a means (14) secured to the end of the guide pin (10) and engaging with the end wall (8) of the hollow shaft (7) for keeping the pre-stressed spring (13) in the released state thereof. The invention is useful in the field of road systems.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2896/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : SEMICONDUCTOR DEVICE

(51) International classification :H01L29/78
(31) Priority Document No :2011-056008
(32) Priority Date :14/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056795
Filing Date :12/03/2012
(87) International Publication No :WO 2012/124794
(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 1438555 Japan
(72)**Name of Inventor :**
1)OHTSUKA, Masaya

(57) Abstract :

A region for substrate potential is formed of an n-type well at a position in the direction of a channel length relative to the gate electrode and the position is between drain regions in the direction of a channel width. An n-type of a contact region with a higher concentration of n-type impurity than that of the region is provided in the region. The contact region is arranged away from the drain regions with a distance to obtain a desired breakdown voltage of PN-junction between the region and the drain region.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : WNT PATHWAY ANTAGONISTS

(51) International classification :C07D235/26,C07D401/08,C07D401/12
(31) Priority Document No :11161025.9
(32) Priority Date :04/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055199
Filing Date :23/03/2012
(87) International Publication No :WO 2012/136492
(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)SIENA BIOTECH S.p.A.
Address of Applicant :Via Banchi di Sotto, 34, I-53100 Siena.
Italy
(72)Name of Inventor :
1)VARRONE, Maurizio
2)TRAVAGLI Massimiliano
3)MINETTO Giacomo
4)CESARI Lucia
5)GALEAZZI Simone
6)CARICASOLE Andrea
7)CHIUMIENTO Antonio
8)SALERNO Massimiliano

(57) Abstract :

The present invention relates to novel compounds of formula (I) : as herein described and pharmaceutical compositions thereof. The compounds of formula (I) have inhibitory effect on the Wnt pathway and are therefore useful in the preparation of a medicament, in particular for the treatment of cancer.

No. of Pages : 196 No. of Claims : 20

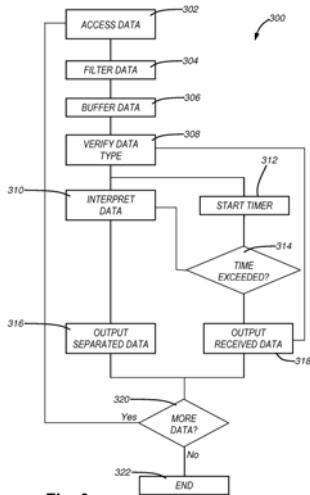
(54) Title of the invention : SYSTEM FOR AUTONONOUS DETECTION AND SEPARATION OF COMMON ELEMENTS WITHIN DATA, AND METHODS AND DEVICES ASSOCIATED THEREWITH

(51) International classification :G06K9/00
 (31) Priority Document No :13/039,554
 (32) Priority Date :03/03/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2012/027638
 Filing Date :03/03/2012
 (87) International Publication No :WO 2012/119140
 (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)CYPHER, LLC
 Address of Applicant :10808 River Front Parkway, Suite 450
 South Jordan, Utah 84095 U.S.A.
 (72)Name of Inventor :
1)EDWARDS, Tyson, Lavar

(57) Abstract :

A data interpretation and separation system for identifying data elements within a data set that have common features, and separating those data elements from other data elements not sharing such common features. Commonalities relative to methods and/or rates of change within a data set may be used to determine which elements share common features. Determining the commonalities may be performed autonomously by referencing data elements within the data set, and need not be matched against algorithmic or predetermined definitions. Interpreted and separated data may be used to reconstruct an output that includes only separated data. Such reconstruction may be non-destructive. Interpreted and separated data may also be used to retroactively build on existing element sets associated with a particular source.



No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2899/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : NUCLEIC ACID DETECTION METHOD, AND DEVICE AND KIT FOR USE IN SAME

(51) International classification :C12Q1/68,C12M1/34,G01N33/50

(31) Priority Document No :2011-048183

(32) Priority Date :04/03/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/055601

Filing Date :05/03/2012

(87) International Publication No :WO 2012/121225

(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)KANEKA CORPORATION

Address of Applicant :2-3-18 Nakanoshima Kita-ku, Osaka, 5308288 Japan

(72)Name of Inventor :

1)MIYAMOTO Shigehiko

2)TOMONO Jun

3)TAKAHASHI Koji

4)SANO Sotaro

5)JIKIHARA Takaaki

(57) Abstract :

The invention addresses the problem of preventing the problems of cost and handleability, and the contamination or exposure of a sample, which are problematic in the analysis of an amplified nucleic acid. According to the invention, a sample containing a nucleic acid and a nucleic acid detection reagent are mixed in a closed system. At this time, the nucleic acid is mixed with the detection reagent after being amplified in the same closed system without the system being opened. As a means therefor, for example, a device in which the detection reagent is shielded by a coating material or the like is used.

No. of Pages : 70 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2970/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD OF COLLECTION, CLASSIFICATION AND PRESERVATION OF SAMPLES CONTAINING STEM CELLS

(51) International classification :A61L2/00,C12N5/073,C12N5/0735
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country:NA
(86) International Application No :PCT/IT2011/000114
Filing Date :13/04/2011
(87) International Publication No :WO 2012/140681
(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)BIOCELL CENTER S.P.A.
Address of Applicant :Viale Stelvio 125, I-21052 Busto Arsizio (Varese) ITALY
(72)Name of Inventor :
1)MAGGI, Federico
2)REGUZZONI, Marco Giovanni
3)SIMONI, Giuseepe

(57) Abstract :

A method of collection, classification and conservation of stem cells comprises the following steps: taking a sample of organic material by continuously maintaining a total microbiological, atmospheric and physical isolation between a sampling volume, the sample and a collection portion wherein the sample is confined, manipulating said sample under sterility conditions by an isolator apparatus, for determining a presence and/or an amount and/or developing capabilities of stem cells trapped in. said sample and preserving the sample; the steps of taking the sample, manipulating the sample and preserving the sample are performed on a sample comprising at least a portion of organic tissue wherein stem cells are trapped in and are also performed on the sample in its entirety, without separating the stem cells from the portion of organic tissue.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.797/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : PRECIPITATION HARDENING TYPE MARTENSITIC STAINLESS STEEL, ROTOR BLADE OF STEAM TURBINE AND STEAM TURBINE

(51) International classification	:C22C 38/00	(71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA
(31) Priority Document No	:2012- 149654	Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN
(32) Priority Date	:03/07/2012	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)REKI TAKAKU
(86) International Application No	:NA	2)HARUKI OHNISHI
Filing Date	:NA	3)MASAYUKI YAMADA
(87) International Publication No	: NA	4)YORIHARU MURATA
(61) Patent of Addition to Application Number	:NA	5)KENICHI IMAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A precipitation hardening type martensitic stainless steel of an embodiment contains: Cr: 8.5 to 12.5%; Mo: 1 to 2%; Ni: 8.5 to 11.5%; Ti: 0.6 to 1.4%; C: 0.0005 to 0.05%; Al: 0.0005 to 0.25%; Cu: 0.005 to 0.75%; Nb: 0.0005 to 0.3%; Si: 0.005 to 0.75%; Mn:0.005 to 1%; and N: 0.0001 to 0.03% by mass, and the balance of Fe and unavoidable impurities.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2965/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/01/2014

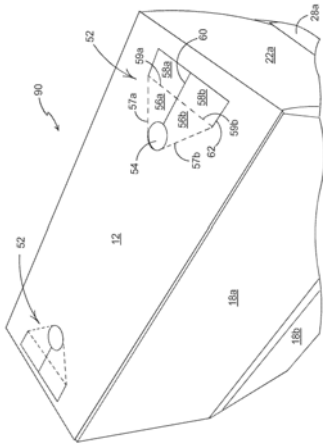
(54) Title of the invention : CARTON AND CARTON BLANK

(51) International classification :B65D5/46,B65D71/36
 (31) Priority Document No :1106450.8
 (32) Priority Date :15/04/2011
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/US2012/033735
 Filing Date :16/04/2012
 (87) International Publication No :WO 2012/142559
 (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)MEADWESTVACO PACKAGING SYSTEMS, LLC.
 Address of Applicant :501 South 5th Street, Richmond,
 Virginia 23219-0501, U.S.A.
 (72)**Name of Inventor :**
1)GARNIER, Jean-Michel

(57) Abstract :

A carton for receiving one or more articles is formed by a plurality of panels (12, 14a, 14b, 16, 18a, 18b, 20). One (12) of the panels has a handle receiving device (52) including at least one receiving aperture (54) and at least one anchoring member (56a, 58a) formed from part of the one panel. The at least one receiving aperture is defined at least in part by the at least one anchoring member to receive a portion (A) of a handle (H) such that a first section of the at least one receiving aperture is closed by the at least one anchoring member when the portion of the handle is received in the at least one receiving aperture.



No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2967/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : ENCODING, DECODING, AND REPRESENTING HIGH DYNAMIC RANGE IMAGES

(51) International classification :H04N1/41,H04N1/40,H04N1/46
(31) Priority Document No :61/476,174
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033795
Filing Date :16/04/2012
(87) International Publication No:WO 2012/142589
(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)DOLBY LABORATORIES LICENSING CORPORATION
Address of Applicant :100 Potrero Avenue, San Francisco, California 94103-4813 U.S.A.
(72)**Name of Inventor :**
1)JIA, Wenhui
2)NINAN, Ajit
3)TEN, Arkady
4)WARD, Gregory John
5)WANG, Gaven

(57) Abstract :

Techniques are provided to encode and decode image data comprising a tone mapped (TM) image with HDR reconstruction data in the form of luminance ratios and color residual values. In an example embodiment, luminance ratio values and residual values in color channels of a color space are generated on an individual pixel basis based on a high dynamic range (HDR) image and a derivative tone mapped (TM) image that comprises one or more color alterations that would not be recoverable from the TM image with a luminance ratio image. The TM image with HDR reconstruction data derived from the luminance ratio values and the color channel residual values may be outputted in an image file to a downstream device, for example, for decoding, rendering, and/or storing. The image file may be decoded to generate a restored HDR image free of the color alterations.

No. of Pages : 48 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2968/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : DYNAMIC ASSESSMENT SYSTEM FOR HIGH-VOLTAGE ELECTRICAL COMPONENTS

(51) International classification :G05B23/02
(31) Priority Document No :61/475,852
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033433
Filing Date :13/04/2012
(87) International Publication No :WO 2012/142355
(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)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44, CH-8050 Zurich
SWITZERLAND
(72)**Name of Inventor :**
1)CHEIM, Luiz V.
2)LORIN, Pierre

(57) Abstract :

A dynamic assessment system for monitoring high voltage electrical components, which includes a computer system that is configured to receive data from a plurality of on-line sensors configured to monitor various operating parameters associated with the operation of a plurality of electrical components such as a plurality of electrical transformers. The computer system is configured to automatically and continuously correlate the data from the on-line sensors with data from various off-line databases and supervisory networks associated with monitoring the operation of the power distribution network, so as to generate dynamic operating condition assessments, including risk of failure assessments, of each of the monitored electrical components.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2969/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METAL FREE AQUEOUS ELECTROLYTE ENERGY STORAGE DEVICE

(51) International classification :H01M10/12,H01M2/02,H01M2/10
(31) Priority Document No :61/450,774
(32) Priority Date :09/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028228
Filing Date :08/03/2012
(87) International Publication No :WO 2012/122353
(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)AQUION ENERGY INC.
Address of Applicant :Building A, 32 39th Street, Pittsburgh, Pennsylvania 15201 U.S.A.
(72)Name of Inventor :
1)WHITACRE, Jay
2)HUMPHREYS, Don
3)YANG, Wenzhuo
4)LYNCH-BELL, Edward
5)MOHAMAD, Alex
6)WEBER, Eric

(57) Abstract :

An electrochemical device including a housing and a stack of electrochemical cells in the housing. Each electrochemical cell includes an anode electrode, a cathode electrode, a separator located between the anode electrode and the cathode electrode and an electrolyte. The electrochemical device also includes a current collector located between adjacent electrochemical cells, an anode bus operatively connected to the anodes of the electrochemical cells in the stack and a cathode bus operatively connected to the cathodes of the electrochemical cells in the stack. The housing, the anode electrode, the cathode electrode, the separator, the anode bus and the cathode bus are non-metallic.

No. of Pages : 47 No. of Claims : 29

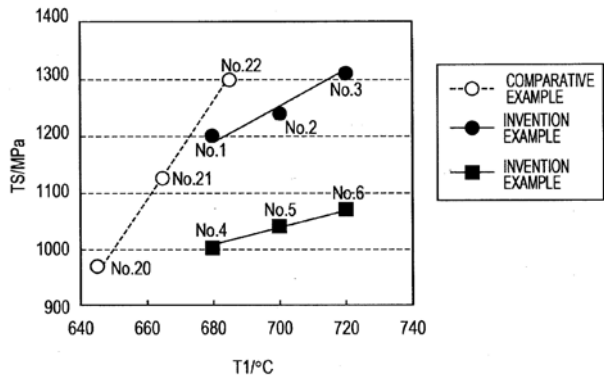
(54) Title of the invention : HIGH STRENGTH STEEL SHEET HAVING EXCELLENT FORMABILITY AND STABILITY OF MECHANICAL PROPERTIES AND METHOD FOR MANUFACTURING THE SAME

(51) International classification:C22C38/00,C21D9/46,C22C38/06
 (31) Priority Document No :2011-096966
 (32) Priority Date :25/04/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/061305
 Filing Date :20/04/2012
 (87) International Publication No :WO 2012/147898
 (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)JFE STEEL CORPORATION
 Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN
 (72)Name of Inventor :
1)Yoshiyasu KAWASAKI
2)Hiroshi HASEGAWA
3)Shinjiro KANEKO
4)Yasunobu NAGATAKI

(57) Abstract :

Provided is a high-strength steel plate having excellent hole expandability as well as stability of material properties, and a method for manufacturing the same, the high-strength steel plate having a TS of at least 780 MPa and a TS × EL of at least 22,000 MPa % in a low-C steel composition. The high-strength steel plate having excellent formability and stability of material properties has an ingredient composition including, in terms of mass%, 0.03%- 0.25% C, 0.4%-2.5% Si, 3.5%-10.0% Mn, 0.1% or less P, 0.01% or less S, 0.01%-2.5% Al, 0.008% or less N, and Si + Al at least 1.0%, the remainder being Fe and unavoidable impurities, the steel structure having, by area ratio, 30%-80% ferrite, 0%-17% martensite, and, by volume ratio, 8% or more of residual austenite, and the average crystalline particle diameter of the residual austenite being 2µm or less.



No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2866/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD AND APPARATUS FOR RECEIVING DATA IN USER EQUIPMENT OF SUPPORTING MULTIMEDIA BROADCAST MULTICAST SERVICE

(51) International classification :H04B7/26,H04J11/00
(31) Priority Document No :61/473,966
(32) Priority Date :11/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/002724
Filing Date :10/04/2012
(87) International Publication No :WO 2012/141478
(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)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro Yeongtong-gu,
Suwon-si, Gyeonggi-do 443-742, Republic of Korea
(72)**Name of Inventor :**
1)Sang Bum KIM
2)Soeng Hun KIM
3)Gert-Jan VAN LIESHOUT

(57) Abstract :

A method and an apparatus for receiving data in a User Equipment (UE) supporting a Multimedia Broadcast Multicast Service (MBMS) are provided. A method of receiving data by a UE which supports an MBMS includes obtaining first indication information indicating a Multicast/Broadcast over a Single Frequency Network (MBSFN) subframe reserved for an MBSFN, obtaining second indication information indicating a subframe in the MBSFN subframe, the subframe decoding a Physical Multicast CHannel (PMCH), and when although a first subframe is indicated as the MBSFN subframe, the first subframe is not indicated to decode a PMCH and is not of a subframe for a Positioning Reference Signal (PRS), receiving a Physical Downlink Control CHannel (PDCCH) of the first subframe and decoding a corresponding Physical Downlink Shared CHannel (PDSCH).

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2871/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : COMBINATION VACCINES WITH LOWER DOSES OF ANTIGEN AND/OR ADJUVANT

(51) International classification :A61K39/095,A61K39/13,A61K39/295
(31) Priority Document No :61/448,226
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050989
Filing Date :02/03/2012
(87) International Publication No :WO 2012/117377
(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)NOVARTIS AG
Address of Applicant :Lichtstrasse 35, CH-4056 Basel
SWITZERLAND
2)O'HAGAN, DEREK
(72)Name of Inventor :
1)BAUDNER, Barbara
2)SKIBINSKI, David A.G.
3)SINGH, Manmohan
4)O'HAGAN, Derek

(57) Abstract :

Combination vaccine compositions as well as methods for their manufacture have a relatively low amount of antigen and/or a relatively low amount of aluminium, but they can nevertheless have immunogenicity which is comparable to combination vaccines with a relatively high amount of antigen and/or a relatively high amount of aluminium. Aluminium-free combination vaccine compositions are also provided e.g. compositions which are adjuvanted with an oil-in-water emulsion adjuvant.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2882/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : COMPONENT FOR A VEHICLE SEAT

(51) International classification	:B60N2/22,B60N2/68	(71) Name of Applicant :
(31) Priority Document No	:10 2011 016 654.8	1)KEIPER GMBH & CO. KG
(32) Priority Date	:04/04/2011	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern GERMANY
(86) International Application No	:PCT/EP2012/055845	(72) Name of Inventor :
Filing Date	:30/03/2012	1)PLUTA, Wolfgang
(87) International Publication No	:WO 2012/136595	2)KRAMM, Lars
(61) Patent of Addition to Application Number	:NA	3)WOLSIEFER, Harald
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a component (20), in particular for a vehicle seat with an opening (22) for the fastening of the component (20), said opening having a centre point (M) and a radius (r). The component (20) is locally hardened at at least one point in the vicinity (N) of the opening (22) and at a distance from the opening (22), wherein the vicinity (N) of the opening (22) is a region around the centre point (M) with a radius of up to four times the radius (r) of the opening (22).

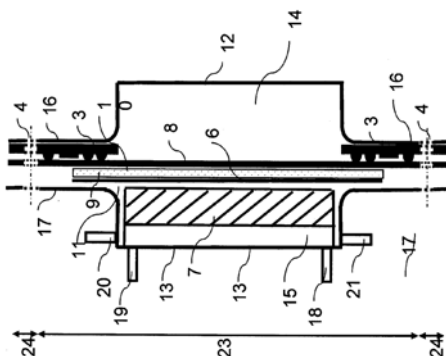
No. of Pages : 19 No. of Claims : 10

(54) Title of the invention : ELECTROCHEMICAL CELL WITH GASKET FRAME AS SEALING ALTERNATIVE TO KEEP ELECTROLYTE FROM PERCOLATING OVER THE EDGES

(51) International classification	:C25B9/08,C25B9/20	(71)Name of Applicant :
(31) Priority Document No	:10 2011 100 768.0	1)UHDENORA S.P.A.
(32) Priority Date	:06/05/2011	Address of Applicant :VIA BISTOLFI,35,I-20134 MILAN,
(33) Name of priority country	:Germany	ITALY
(86) International Application No	:PCT/EP2012/001682	2)BAYER INTELLECTUAL PROPERTY GMBH
Filing Date	:19/04/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/152367	1)KIEFER, Randolf
(61) Patent of Addition to Application Number	:NA	2)WOLTERING, Peter
Filing Date	:NA	3)WEBER, Rainer
(62) Divisional to Application Number	:NA	4)BULAN, Andreas
Filing Date	:NA	5)GROSSHOLZ, Michael

(57) Abstract :

The invention relates to an electrochemical cell, comprising an anode half-shell (14) and a cathode half-shell (15) which are separated from one another by a membrane (8), having the corresponding electrodes, and the anode half-shell (14) and the cathode half-shell (15) each have an outer wall (12, 13), each outer wall having in the contact region of the two half-shells flange regions (16, 17) which are designed as a frame, and the flange regions (16 and 17) have assembly holes (4) which mark an inner region (23) and an outer region (24) of the electrochemical cell and a gas diffusion electrode (6) which rests on a support system (7), and a porous medium (9) which lies on the gas diffusion electrode (6), and devices for delivering and removing gas (18, 19) and electrolyte (20 21). The invention is in particular characterised in that at least one peripheral frame seal (3) is provided in the contact region of the two half-shells between the frame-like flange regions (16 and 17) of the outer walls (12 and 13) of the two half-shells, and said seal lies on the membrane (8), wherein the porous medium (9) and the gas diffusion electrode (6) lie on the frame-like cathodic flange region (17) and in said region the peripheral frame seal (3) overlaps the porous medium (9) and the gas diffusion electrode (5), wherein said overlap region (2) has at least two profiled areas (1), wherein the peripheral frame seal has at least one further profiled area (22) in the contact region of the two half-shells between the frame-like flange regions (16 and 17) outside the overlap region of the porous medium (9) and the gas diffusion electrode (6) and/or at least one deformable sealing cord (5) is arranged, wherein the further profiled area (22) and/or the deformable sealing cord (5) is disposed in the inner region (23) of the electrochemical cell.



No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.755/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 10/01/2014

(54) Title of the invention : DEVELOPMENT OF CONTINUOUS RATING OZONE GENERATOR FROM COMMON ELECTRONIC COMPONENTS.

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAKTIBRATA DASGUPTA
(32) Priority Date	:NA	Address of Applicant :75/2B, PURNA DAS ROAD, 1ST
(33) Name of priority country	:NA	FLOOR, KOLKATA-700029 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAKTIBRATA DASGUPTA
(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 ozone generator has been developed for the first time for continuous generation of standard quantity of ozone, using only very regularly available electronic components and using NO component actually manufactured for and used by other industries. No particular custom made component is needed, yet very reliable production of ozone is achievable. This ozone generator can be manufactured economically at a small scale infrastructure and also for typical domestic applications, can be manufactured at a very large scale.

No. of Pages : 12 No. of Claims : 1

(54) Title of the invention : STEEL SHEET WITH EXCELLENT FORMABILITY AND SURFACE QUALITY AFTER FORMING TO BE USED FOR CAN HAVING CAN BODY WITH HIGH RESISTANCE TO BUCKLING AGAINST EXTERNAL PRESSURE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C22C38/06,C21D8/04,C21D9/48
 (31) Priority Document No :2011-094871
 (32) Priority Date :21/04/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/002709
 Filing Date :19/04/2012
 (87) International Publication No :WO 2012/144213
 (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)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, . Tokyo 100-0011 JAPAN

(72)Name of Inventor :

1)Mikito SUTO

2)Katsumi KOJIMA

3)Masaki TADA

4)Takumi TANAKA

5)Yoichi TOBIYAMA

(57) Abstract :

Provided are a steel sheet for cans which attains high buckling strength and is excellent in terms of formability and of surface properties after forming and a process for producing the steel sheet. The steel sheet contains 0.0005-0.0035% C, up to 0.05% Si, 0.1-0.6% Mn, up to 0.02% P, less than 0.02% S, 0.01- 0.10%, excluding 0.10%, Al, up to 0.0030% N, and at least 0.0010% B, wherein $B/N \leq 3.0$ ($B/N = (B \text{ (mass\%)} / 10.81) / (N \text{ (mass\%)} / 14.01)$), with the remainder comprising Fe and incidental impurities. The steel sheet has a texture in which the sheet plane that is located at a depth corresponding to 1/4 the sheet thickness has an average integrated intensity (f) in the (111)[1-10] to (111)[-1-12] orientations of 7.0 or higher. The steel sheet satisfies $E_{ave} \geq 215$ GPa, $E_o \geq 210$ GPa, $E_{45} \geq 210$ GPa, $E_{90} \geq 210$ GPa, and $-0.4 \leq \Delta r \leq 0.4$ and has an average ferrite grain diameter in the rolling-direction cross-section of 6.0-10.0 μm .

No. of Pages : 45 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.750/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

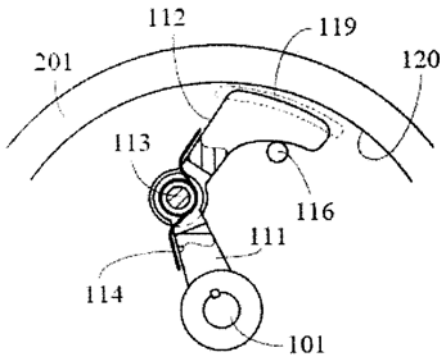
(43) Publication Date : 10/01/2014

(54) Title of the invention : COMPELLING- TYPE CENTRIFUGAL CLUTCH DEVICE WITH C-SHAPED JOINT STRUCTURE

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAI-HER YANG
(32) Priority Date	:NA	Address of Applicant :NO.59, CHUNG HSING 8 ST., SI-HU
(33) Name of priority country	:NA	TOWN, DZAN-HWA, R.O.C., Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAI-HER YANG
(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 compelling-type centrifugal clutch device with C-shaped joint structure, in which a C-shaped joint structure assembly (100), which can be bended for displacement, is installed between an active rotary part (101) and a passive rotary part (201) of the centrifugal clutch device with a radial arrangement means and is driven by the active rotary part (101), a joint axial core of C-shaped joint structure (113) is provided for connecting an active arm of C-shaped joint structure (111) and a centrifugal compelling arm of C-shaped joint structure (112) having a centrifugal force actuation clutch device (119) at one distal end, and a recovery spring (114) is installed between the mentioned two arms, so that an inward-bending prestressed force is formed between the two arms for performing the angular displacement through bending at difference angles.



No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.802/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : BRAKE BLOCK

(51) International classification :F16D 65/00
(31) Priority Document No :201220326087.8
(32) Priority Date :06/07/2012
(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)ICER RAIL S.L.

Address of Applicant :POL. IND. AGUSTINOS C/G, S/N,
31013 PAMPLONA, SPAIN

(72)Name of Inventor :

1)1) TERESA MARIA ROUZAUT SUBIRA

2)2) EMILIANO MARCHANTE LOGRONO

(57) Abstract :

The invention relates to a brake block for frictional abutment on the running face (6) of a rail wheel, having a block base (3) which contacts the running face (6) during a braking operation and which is constructed in the manner of an annular portion, and which is characterised in that the contact face (4) of the block base (3) has in a peripheral direction a plurality of individual faces (5) which are continuously adjacent to each other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2838/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : DIGITAL BOOK PROVISION SYSTEM

(51) International classification :G06F17/21,G06F17/30
(31) Priority Document No :2011-079381
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057681
Filing Date :26/03/2012
(87) International Publication No :WO 2012/133262
(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)DIGITALMAX CO., LTD.
Address of Applicant :12-50, Esaka-cho 1-chome, Suita-shi,
Osaka 5640063 JAPAN
(72)**Name of Inventor :**
1)KAKIUCHI, Shigeyoshi

(57) Abstract :

When an image file which has a predetermined file format and is prepared as image data constituting the base of each page in a digital book is input to a server (2), a compatible image file (terminal-compatible image data) (AP, AA, AI) is generated and stored in each of a plurality of types of reading terminals (4P, 4A, 4I) which are to be read, and if a digital book reading request based on the image file is received from any of the terminal devices (4P, 4A, 4I), only an image file compatible with the type of the terminal device (4) is distributed and provided for display. As a result, a digital book provision system is provided which facilitates the creation of digital books that can be read by a plurality of types of reading terminals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.748/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

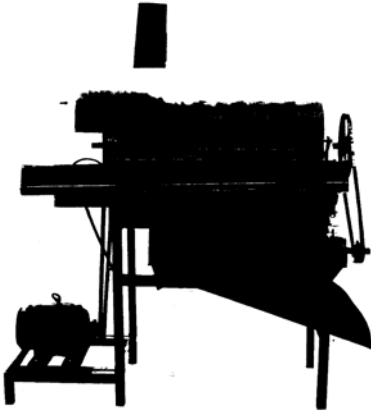
(43) Publication Date : 10/01/2014

(54) Title of the invention : CORN HUSKING AND THRESHING MACHINE AND THE PROCESS THEREOF.

(51) International classification	:A01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JM AGRO ENGINEERING
(32) Priority Date	:NA	Address of Applicant :174/3, B. L. SHAH ROAD,
(33) Name of priority country	:NA	KOLKATA - 700053, WEST BENGAL, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOY GHOSH
(87) International Publication No	: NA	2)MRINAL KANTI DAS
(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 corn husking and threshing machine and in particular, this invention relates to food processing equipment and particularly to that type of machine used for removing the husk or exterior of an article of produce. More particularly, this present invention relates to the process of husking of grains or cereals with a minimum breakage of said grains and with sufficient versatility to vary the husking without stopping the machine. Furthermore, this invention also relates to a corn cob husking and threshing machine, which relates to the field of agricultural machinery, is fine in husking and threshing effect and high in work efficiency, can observably reduce labor intensity of farmers, and consists of a framework.



No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.749/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 10/01/2014

(54) Title of the invention : COMPELLING-TYPE RADIAL CLUTCH DEVICE WITH C-SHAPED JOINT STRUCTURE

(51) International classification	:F16D23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAI-HER YANG
(32) Priority Date	:NA	Address of Applicant :NO.59, CHUNG HSING 8 ST., SI-HU
(33) Name of priority country	:NA	TOWN, DZAN-HWA, R.O.C., Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAI-HER YANG
(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 compelling-type radial clutch device with C-shaped joint structure, in which a C-shaped joint structure assembly, which can be bended for displacement, is installed between an active rotary part and a passive rotary part with a radial arrangement means and is driven by the active rotary part, a joint axial core of C-shaped joint structure is provided for connecting an active arm of C-shaped joint structure and a compelling arm of C-shaped joint structure, an outward-expanding spring is installed between the two arms, so that a prestressed outward-expanding force is formed between the two arms for performing the angular displacement through bending at difference angles, the other end of the active arm of C-shaped joint structure is connected and fastened on the active rotary part; and the other end of the compelling arm of C-shaped joint structure is installed with a compelling roller which is outwardly expanded through the prestressed force and compelled to be engaged in an inner tooth shaped slot at the passive rotary part.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2859/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : COMPOSITIONS, METHODS OF TREATMENT AND DIAGNOSTICS FOR TREATMENT OF HEPATIC STEATOSIS ALONE OR IN COMBINATION WITH A HEPATITIS C VIRUS INFECTION

(51) International classification :A61K31/70,A61K35/12,A61P31/12
(31) Priority Document No :12/932,633
(32) Priority Date :02/03/2011
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2012/026561
Filing Date :24/02/2012
(87) International Publication No :WO 2012/118712
(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)SCHENTAG, Jerome
Address of Applicant :100 Crosby Boulevard, Amherst, NY
14226 U.S.A.
2)FAYAD, Joseph, M.
(72)Name of Inventor :
1)SCHENTAG, Jerome
2)FAYAD, Joseph, M.

(57) Abstract :

The present invention is directed to pharmaceutical compositions and methods of treatment that relate to the inhibition, resolution and/or prevention of an array of the manifestations of metabolic syndromes, including Type 2 diabetes, hyperlipidemia, weight gain, obesity, insulin resistance, hypertension, atherosclerosis, fatty liver diseases and certain chronic inflammatory states that lead to these manifestations, among others. In additional aspects, the present invention relates to compositions and methods which may be used to treat, inhibit or reduce the likelihood of hepatitis viral infections, including Hepatitis B and Hepatitis C viral infections, as well as the secondary disease states and/or conditions which are often associated with such viral infections, including hepatic steatosis (steatohepatitis), cirrhosis, fatty liver and hepatocellular cancer, among other disease states or conditions.

No. of Pages : 89 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : ILLUMINATOR FOR REFLECTIVE DISPLAYS

(51) International classification :G02B6/00,F21V8/00
(31) Priority Document No :61/450,580
(32) Priority Date :08/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028128
Filing Date :07/03/2012
(87) International Publication No :WO 2012/122306
(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)DOLBY LABORATORIES LICENSING CORPORATION
Address of Applicant :100 Potrero Avenue San Francisco CA 94103-4813 U.S.A.
(72)**Name of Inventor :**
1)ATKINS, Robin

(57) Abstract :

An illuminator for a reflective display (10) incorporates a light guide (14) having substantially transparent front and rear planar surfaces which overlap the display's viewing surface when the surfaces are substantially parallel and adjacent to the viewing surface. A light source (16) emits light into the light guide. A plurality of light redirecting structures (30) is distributed on the light guide's rear surface. The structures are shaped to redirect through the light guide toward the viewing surface light rays which encounter the structures. Most light rays emitted into the light guide by the light source which do not encounter any of the structures are confined within the light guide by total internal reflection. Most light rays emitted into the light guide by the light source which encounter any of the structures are redirected through the light guide toward the viewing surface, substantially uniformly illuminating the display in a low ambient light environment.

No. of Pages : 17 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2919/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD FOR PROCESSING AND UTILIZING BYPASS DUSTS OBTAINED DURING THE PRODUCTION OF CEMENT

(51) International classification :C04B7/43,C04B7/60
(31) Priority Document No :A 0577/2011
(32) Priority Date :21/04/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2012/000109
Filing Date :23/04/2012
(87) International Publication No :WO 2012/142638
(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)HOLCIM TECHNOLOGY LTD.
Address of Applicant :Zürcherstrasse 156, CH-8645
Rapperswil-Jona, SWITZERLAND
(72)Name of Inventor :
1)SIPPLE, Ernst-Michael
2)MADERO, Carlos, Enrique, Alzate
3)SZABADOŠ, Peter
4)VAJANSKY, Michal
5) ŠVARC, Viktor
6)KOGLBAUER, Gerald

(57) Abstract :

The invention relates to a method for processing and utilizing bypass dusts obtained during the production of cement. According to said method, a) the bypass dust is brought in contact with an aqueous phase and the two phases are mixed with each other to obtain a homogeneous slurry, water-soluble components of the bypass dust being dissolved in the aqueous phase, b) a solid-liquid separation is carried out to remove the solids contained in the slurry, brine remaining, c) heavy metals present in the brine are removed and calcium is precipitated as poorly soluble calcium salts Ca-CO₃ to obtain a processed brine, and d) the processed brine is subjected to fractional crystallization.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2887/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

(54) Title of the invention : ABSORPTION MEDIUM AND METHOD FOR ABSORPTION OF AN ACID GAS FROM A GAS MIXTURE

(51) International classification :B01D53/14,B01D53/62,C07D211/58
(31) Priority Document No :11169492.3
(32) Priority Date :10/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059824
Filing Date :25/05/2012
(87) International Publication No :WO 2012/168095
(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)EVONIK DEGUSSA GMBH
Address of Applicant :Rellinghauser Straße 1-11 45128 Essen
GERMANY
(72)Name of Inventor :
1)ROLKER Jörn
2)SEILER Matthias
3)SCHNEIDER Rolf
4)LENORMANT Thibaut

(57) Abstract :

An absorption medium which comprises water, an amine (A) of the formula (I), where R is a n-alkyl radical having 1 to 4 carbon atoms, and an alkanolamine (B) which is a tertiary amine or a sterically hindered primary or secondary amine, has a high absorption capacity for CO₂ at a high absorption rate. Using the absorption medium, during the absorption of acid gases from a gas mixture, even without addition of a solvent, a separation of the absorption medium into two liquid phases or the precipitation of a solid during the absorption of CO₂ and the regeneration of the absorption medium may be avoided.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 10/01/2014

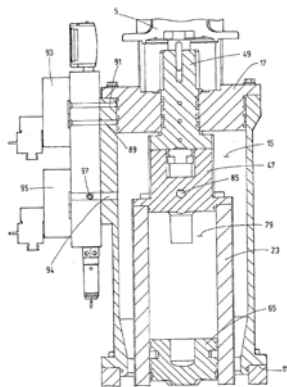
(54) Title of the invention : FILTERING APPARATUS

(51) International classification :B01D29/52,B01D29/66
(31) Priority Document No :10 2011 100 518.1
(32) Priority Date :05/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001772
Filing Date :26/04/2012
(87) International Publication No :WO 2012/150010
(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)HYDAC PROCESS TECHNOLOGY GMBH
Address of Applicant :Industriegebiet Grube König, Am
Wrangelflöz 1, 66538 Neunkirchen, GERMANY
(72)Name of Inventor :
1)WNUK Ralf
2)GERSTNER Jörg, Hermann
3)BÖTTCHER Thomas
4)MORAWIETZ Thomas

(57) Abstract :

A filtering apparatus with a plurality of filtering elements (9) which can be accommodated in a filter housing (1) having a filter inlet (45) for fluid to be filtered and a filter outlet (43) for the filtered fluid, wherein during the filtration operation, at least one of the filtering elements (9) can be back-flushed by means of a back-flushing device (13,21) in order to dedust the effective filtering surface of said filtering element, the back flushing device comprising a pressure control device (13) for assisting the back-flushing operation, is characterized in that the pressure control device comprises a hydraulic accumulator (13), the one fluid chamber (67) of which can be filled during the filtration operation with a quantity of dedusted fluid and can be connected for a back-flushing operation via a back-flushing guide (21) to the clean side (59) of the filtering element (9) to be dedusted, and in that, for a back-flushing operation, a further fluid chamber (79) of the hydraulic accumulator (13) can be subjected to a media pressure in order, by means of a resultant movement of the separating element (65) of the hydraulic accumulator (13), to at least partially again dispense the filling amount of the dedusted fluid for the back-flushing operation from the first fluid chamber (67).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2889/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING CADMIUM IN FOOD

(51) International classification	:G01N27/48,G01N27/416	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MEIDENSHA CORPORATION
(32) Priority Date	:NA	Address of Applicant :1-1, Osaki 2-chome, Shinagawa-ku,
(33) Name of priority country	:NA	Tokyo 141-0032. Japan
(86) International Application No	:PCT/JP2011/058682	(72)Name of Inventor :
Filing Date	:06/04/2011	1)Masayoshi FUKUOKA
(87) International Publication No	:WO 2012/137314	2)Miyoko KUSUMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The purpose is to measure the concentration of cadmium in a food with high accuracy in a simple manner. A food which is to be measured on the cadmium concentration is weighed precisely and pulverized. The pulverized sample is subjected to an ashing treatment by strong heating. The resultant sample is mixed with an acid and the mixed solution is shaken. A residue is removed from the mixed solution to produce a solution, and the solution is subjected to an electrochemical measurement. The method for the electrochemical measurement to be employed is an anodic stripping voltammetry or the like. The working electrode to be used in the electrochemical measurement is a copper electrode or the like. The temperature to be employed for the ashing treatment by strong heating is equal to or higher than the melting point of zinc and equal to or lower than the boiling point of cadmium, and the solution to be subjected to the measurement is adjusted to pH 3.5 to 5.5.

No. of Pages : 41 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : PROFLENERGY IN SUBSIDIARY COMMUNICATION SYSTEM

(51) International classification	:H04L 12/00
(31) Priority Document No	:102012211867.5
(32) Priority Date	:06/07/2012
(33) Name of priority country	:Germany
(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)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN, GERMANY
(72)**Name of Inventor :**
1)MARTIN DAIMER

(57) Abstract :

The invention relates to an automation system featuring a PROFINET system (1) and a second system (2) subsidiary to the PROFINET system (1), wherein the PROFINET system (1) comprises a PROFINET controller (10) and a PROFINET field device (13) which can establish a communication connection to the subsidiary second system (2). In order to provide an automation system having improved energy management, it is proposed that the second system (2) should comprise a first device (23), wherein the PROFINET controller (10) can send a PROFIenergy command to the first device (23), wherein the first device (23) can perform an energy state change and/or send consumption data to the PROFINET controller (10) as a result of a received PROFIenergy command.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2910/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : A STABLE COMPOSITION OF HOCl, PROCESSES FOR ITS PRODUCTION AND USES THEREOF

(51) International classification :A01N25/34,A01N59/08,A61K33/00	(71)Name of Applicant : 1)BIOMIMETICS HEALTH INDUSTRIES LIMITED Address of Applicant :Apt 4 Villanueva Building 99 Hannieqa St Ghaxaq GXQ 1025 MALTA
(31) Priority Document No :1104180.3	(72)Name of Inventor :
(32) Priority Date :11/03/2011	1)MALLET, Christopher
(33) Name of priority country :U.K.	2)SINDEN, Richard
(86) International Application No :PCT/GB2012/000228	3)WEDERELL, CHRISTOPHER (DECEASED)
Filing Date :08/03/2012	
(87) International Publication No :WO 2012/123695	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A stable antimicrobial aqueous hypochlorous acid solution that retains its activity for at least three months and can be provided with high levels of hypochlorous acid (more than 500ppm), the aqueous hypochlorous acid composition having low chloride concentrations (maximum chloride levels of 1:3 chloride to hydrochlorous acid) and a pH between 3.5 and 7.0 to stabilise the composition without the need for additional stabilisers. A solid composition is also provided for producing the stable solution.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2912/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : BONDING ELEMENT, BONDING MATRIX AND COMPOSITE MATERIAL HAVING THE BONDING ELEMENT, AND METHOD OF MANUFACTURING THEREOF

(51) International classification :C04B35/64
(31) Priority Document No :61/449,659
(32) Priority Date :05/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027536
Filing Date :02/03/2012
(87) International Publication No :WO 2012/122031
(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)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
Address of Applicant :Old Queens, 83 Somerset Street, New Brunswick, NJ 08901-1281 U.S.A.
(72)Name of Inventor :
1)RIMAN, Richard, E.
2)GUPTA, Surojit
3)ATAKAN, Vahit
4)LI, Qinghua

(57) Abstract :

A bonding element, a bonding element matrix and composite materials with a wide range of attractive properties that may be optimized, including, but not limited to, mechanical properties, thermal properties, magnetic properties, optical properties and nuclear properties, as a result of a first layer and second layer structure or core, first layer, and second layer structure of the bonding elements, as well as methods for making the bonding elements and the corresponding ceramic and/or composite materials.

No. of Pages : 97 No. of Claims : 108

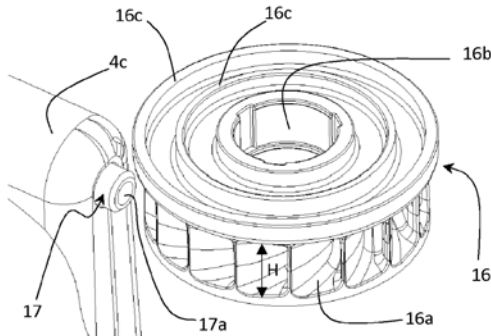
(54) Title of the invention : A DEVICE COMPRISING A CENTRIFUGAL SEPARATOR

(51) International classification :B04B5/12,B04B9/06,F01M13/04
 (31) Priority Document No :11165854.8
 (32) Priority Date :12/05/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/058786
 Filing Date :11/05/2012
 (87) International Publication No :WO 2012/152925
 (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)ALFA LAVAL CORPORATE AB
 Address of Applicant :Box 73, SE-22100 Lund, SWEDEN
 (72)Name of Inventor :
1)ANDERSSON AGINGER, Thomas

(57) Abstract :

The invention relates to a device for cleaning a gas which is contaminated with particles, the device comprising a centrifugal separator (1) with a centrifugal rotor (2) for separating the particles from the gas and a drive arrangement (16, 7) for rotating the centrifugal rotor (2) about a rotational axis (R), the drive arrangement comprising an impulse turbine (16) drivingly connected to the centrifugal rotor (2) and a nozzle (17) for a pressurized fluid, the impulse turbine (16) being arranged with buckets (16a) for receiving a jet (J) of pressurized fluid from a nozzle (17) directed against the buckets (16a) which are configured such that the fluid jet direction is reversed along a height (H) of 10 the bucket (16a), characterized in that the height (H) of the bucket (16a) is 2-3 times the diameter of the nozzle opening (17a).



No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : SYNERGISTIC COMPOSITIONS AND METHODS

(51) International classification :A61K31/01,A61K31/07,A61K31/122
(31) Priority Document No :13/081,643
(32) Priority Date :07/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050128
Filing Date :05/04/2012
(87) International Publication No :WO 2012/137209
(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)LYCORED LTD

Address of Applicant :P.O.Box 320, 84102 Beersheba
ISRAEL

(72)Name of Inventor :

1)ZELKHA, Morris

2)BLATT, Yoav

3)LEVY, Yossi

4)SHARONI, Yoav

(57) Abstract :

Pharmaceutical compositions for oral administration comprising a therapeutically effective amount of a synergistic combination of a carotene and at least one phytosterol wherein the ratio of said lycopene to said phytosterol in said pharmaceutical composition is a maximum of about 5:1 and wherein said composition produces a synergistic inhibition of cell growth and anti-inflammatory effects are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD FOR DRY SPINNING NEUTRAL AND ANIONICALLY MODIFIED CELLULOSE AND FIBRES MADE USING THE METHOD

(51) International classification :D01F2/00,D01D1/02,D01D5/40

(31) Priority Document No :11157311.9

(32) Priority Date :08/03/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/053987

Filing Date :08/03/2012

(87) International Publication No :WO 2012/120073

(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)SAPPI NETHERLANDS SERVICES B.V.

Address of Applicant :Biesenweg 16, NL-6211 AA Maastricht
Netherlands

(72)Name of Inventor :

1)GRAVESON, Ian

2)TURNER, Philip

(57) Abstract :

The present invention is directed towards a method for spinning neutral or anionically modified cellulose comprising the steps of: (a) preparing a suspension of the neutral or anionically modified cellulose in a continuous phase; (b) subjecting the suspension to high shear rate; (c) performing spinning by extruding the cellulose suspension into an airgap region comprising at least one heated zone to obtain spun fibres, (d) subjecting the spun fibres to at least one washing stages and (e) isolating the spun fibres from the at least one washing stages; as well as fibres obtained based on the method of the invention and paper or board products derived from such fibres.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2932/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHOD FOR SPINNING ANIONICALLY MODIFIED CELLULOSE AND FIBRES MADE USING THE METHOD

(51) International classification :D01F2/00,D01D1/02,D01D5/40

(31) Priority Document No :11157314.3

(32) Priority Date :08/03/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/053989

Filing Date :08/03/2012

(87) International Publication No :WO 2012/120074

(61) Patent of Addition to :NA

Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SAPPI NETHERLANDS SERVICES B.V.

Address of Applicant :Biesenweg 16, NL-6211 AA Maastricht

THE NETHERLANDS

(72)Name of Inventor :

1)GRAVESON, Ian

(57) Abstract :

The present invention is directed towards a method for spinning anionically modified cellulose comprising the steps of: (a) preparing a suspension of the anionically modified cellulose in a continuous phase; (b) subjecting the suspension to high shear rate; (c) performing spinning by extruding the cellulose suspension through a spinneret into a spin bath comprising a cationic complexing agent, and (d) isolating the spun fibres from the spin bath; as well as fibres obtained based on the method of the invention and paper or board products derived from such fibres.

No. of Pages : 13 No. of Claims : 12

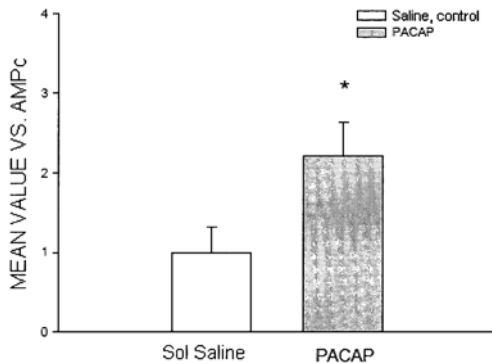
(54) Title of the invention : OPTHALMIC PREPARATIONS BASED ON PACAP (PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE) WHICH RESTORE THE NORMAL VISUAL FUNCTION IN EARLY GLAUCOMA

(51) International classification :A61K9/00,A61K38/22,A61K47/36
 (31) Priority Document No :MI2011A000583
 (32) Priority Date :08/04/2011
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2012/001514
 Filing Date :05/04/2012
 (87) International Publication No :WO 2012/136369
 (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)HMFRA HUNGARY LIMITED LIABILITY COMPANY
 Address of Applicant :Villanyi ut 47, H-1118 Budapest
 HUNGARY
 (72)Name of Inventor :
1)DOMENICI, Luciano
2)SANSO', Marco
3)GIOVANNINI, Luca

(57) Abstract :

The present invention relates to ophthalmic preparations in the form of eyedrops based on PACAP (Pituitary Adenylate Cyclase Activating Polypeptide) which restore the normal visual function in retinal dystrophy/retinopathy and optic neuropathy, with special reference to glaucoma. Said preparations can be administered topically to the intact eye surface, and are useful in the treatment of various forms of retinal dystrophy/retinopathy and optic neuropathy, such as glaucoma.



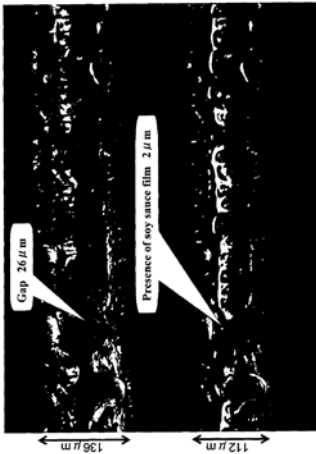
No. of Pages : 28 No. of Claims : 10

(54) Title of the invention : BACTERIA-PROOF AND ANTIBACTERIAL LIQUID POURING NOZZLE

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)YUSHIN CO., LTD.
(32) Priority Date	:NA	Address of Applicant :964, YANAGAWA-SHINDEN,
(33) Name of priority country	:NA	SANJO-SHI, NIIGATA, 955-0002 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FUTASE, KATSUNORI
(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 :

It is an object of the present invention to propose a bacteria-proof and antibacterial nozzle for pouring liquid material which can effectively prevent penetration of air but also surely prevent invasion of microorganisms and can restrict the activity of the microorganisms to only a pouring port even if the microorganisms are invaded gets into the bag as well as a package bag using the same. The present invention lies in a bacteria-proof and antibacterial nozzle for pouring a liquid material to be installed to a side portion or a top portion of a package bag body which is formed as a film-shaped non-return nozzle characterized in that the inner surfaces of the front and rear plastic laminate films constituting a pouring path have a surface roughness Ra of not more than 5 μm and a flatness of a pouring port formed by opening at least a tip end of the film shaped non-return nozzle made of the plastic laminate films is not more than 10 μm as a distance of the micro-gap after the pouring of the liquid material.



No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2929/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR MODULATING PERIPHERAL IMMUNE FUNCTION

(51) International classification :A61K35/12
(31) Priority Document No :61/516,637
(32) Priority Date :06/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032504
 Filing Date :06/04/2012
(87) International Publication No :WO 2012/154344
(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)SANBIO, INC.

Address of Applicant :231 S. Whisman Road, Mountain View,
California 94041-1522 U.S.A.

(72)**Name of Inventor :**

1)DAO, Mo

2)CASE, Casey

(57) Abstract :

Disclosed herein are cell preparations useful for modulating various peripheral immune functions, methods for making said cell preparations, and methods for their use.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2947/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : CERAMIC TOILET BOWL

(51) International classification :E03D11/02,E03D11/18
(31) Priority Document No :BO2011A000202
(32) Priority Date :15/04/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/051825
Filing Date :13/04/2012
(87) International Publication No :WO 2012/140608
(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)SACMI COOPERATIVA MECCANICI IMOLA
SOCIETA' COOPERATIVA**

Address of Applicant :Via Selice Provinciale, 17/A, I-40026
Imola ITALY

(72)Name of Inventor :

**1)BERNABEI, Alessandro
2)MAZZANTI, Vasco**

(57) Abstract :

A ceramic bowl obtained by means of casting in moulds, comprises: a liquid collection pan (2); a siphon portion (16) for draining liquids from the pan (2); a liquid distribution rim (3) having at least one portion configured to reproduce the top edge (7) of the pan (2) along a common plane (P) of lie; the rim portion (3) has a toroidal cross-section generating a tubular chamber (4) for the passage of liquids; the rim (3) and the pan (2) being made as a single body in a mould (SI); an outer casing (5) for housing the pan (2) and the rim (3) in the form of a single body; the siphon portion (16) for draining liquids is separate from the pan (2), formed as a single body with the casing (5), and configured to be joined to the pan (2) inside said casing (5).

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2949/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : HIGH LUMINANCE PROJECTION DISPLAYS AND ASSOCIATED METHODS

(51) International classification :H04N9/31
(31) Priority Document No :61/476,949
(32) Priority Date :19/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032995
Filing Date :11/04/2012
(87) International Publication No :WO 2012/145200
(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)DOLBY LABORATORIES LICENSING CORPORATION
Address of Applicant :100 Potrero Avenue, San Francisco, California 94103-4813 U.S.A.
(72)**Name of Inventor :**
1)DAMBERG, Gerwin
2)RICHARDS, Martin J.
3)TODD, Craig

(57) Abstract :

Projection displays include a highlight projector and a main projector. Highlights projected by the highlight projector boost luminance in highlight areas of a base image projected by the main projector. Various highlight projectors including steerable beams, holographic projectors and spatial light modulators are described.

No. of Pages : 38 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 10/01/2014

(54) Title of the invention : HERBAL COMPOSITION AND MEDICAMENT THEREOF FOR TREATING EPILEPSY

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MEDHI MILA RAM
(32) Priority Date	:NA	Address of Applicant :SALIKI SUBORI, VILL. MATI
(33) Name of priority country	:NA	PARBOT GAON, P.O. BONGAL DHARA, DIST: MORIGAON,
(86) International Application No	:NA	ASSAM, PIN: 782412, Assam India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MEDHI MILA RAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal composition for treatment of epilepsy; the composition comprising of Lasia spinosa, Costus speciosus, Curcuma longa and Streblus asper. The method for the preparation of said composition is also disclosed herein. A medicament comprising said composition and a method for the preparation of the medicament is also disclosed herein.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 10/01/2014

(54) Title of the invention : HERBAL COMPOSITION AND MEDICAMENT THEREOF FOR TREATING EPILEPSY

(51) International classification

:A61K

(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)LATIF MOHAMMED ABDUL

Address of Applicant :WARD NO 7, MORI MUSLIM
GAON, PO MORI GAON, DIST: MORIGAON, ASSAM -
782105, Assam India

(72)Name of Inventor :

1)LATIF MOHAMMED ABDUL

(57) Abstract :

A herbal composition for treatment of epilepsy; the composition comprising of Leucas aspera, Aloe barbadensis and Oxalis corniculata. The methods for the preparation of said composition is also disclosed herein. A medicament comprising said composition and methods for the preparation of the medicament is also disclosed herein.

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

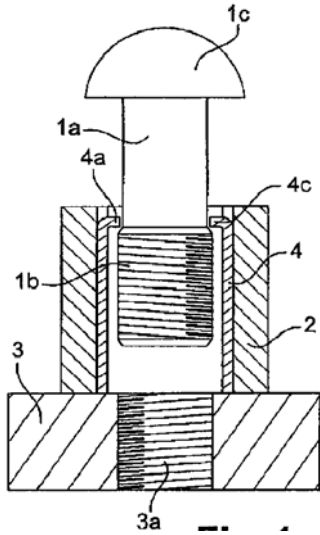
(54) Title of the invention : DEVICE FOR SECURING AN ASSEMBLY SCREW TO AN ELEMENT BEFORE BEING FIXED TO ANOTHER ELEMENT

(51) International classification :F16B41/00
 (31) Priority Document No :1152847
 (32) Priority Date :04/04/2011
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2012/050711
 Filing Date :02/04/2012
 (87) International Publication No :WO 2012/136922
 (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)DURA AUTOMOTIVE SYSTEMS SAS
 Address of Applicant :14 Parc Burospace, Route de Gisy, F-91570 Bievres France
 (72)**Name of Inventor :**
1)BLANC, Hugues

(57) Abstract :

The assembly screw (1) has a threaded segment (1b), the nominal diameter (D1) of which is greater than the diameter (D3) of its shank. The device comprises an anti-creep ring (4) intended to hold the screw (1) and one of the ends of which has arrangements (4a-4b-4c-4d) able to delimit, before the ring (4) is inserted into a housing (2a) in the element (2) before being screwed, a circular zone having a diameter (D) greater than the nominal diameter (D1) of the threaded segment (1b) and, after insertion of said ring (4) into said housing (2a), a circular zone (D) having a diameter (D2) less than that of the nominal diameter (D1) of the threaded segment (1b) but greater than that (D3) of the shank (1a) so as to act as an abutment for said segment and to enclose the screw (1) in the ring (4) while allowing it limited movement.



No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : EXOTENSIONED STRUCTURAL MEMBERS WITH ENERGY- ABSORBING EFFECTS

(51) International classification :E04C3/02
(31) Priority Document No :61/449,485
(32) Priority Date :04/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027630
Filing Date :03/03/2012
(87) International Publication No :WO 2012/122063
(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)BROCKWELL, Michael, Ian
Address of Applicant :737 C, Don Cubero Alley, Santa Fe,
NM 87505 U.S.A.
(72)Name of Inventor :
1)BROCKWELL, Michael, Ian

(57) Abstract :

Structural members having enhanced load bearing capacity per unit mass include a skeleton structure formed from strips of material. Notches may be placed on the strips and a weave of tensile material placed in the notches and woven around the skeleton structure. At least one pair of structural members can be jointed together to provide very strong joints due to weave patterns of tensile material such as Kevlar that distributes stress throughout the structure preventing stress from concentrating in one area. Methods of manufacturing such structural members include molding material into skeletons of desired cross section using a matrix of molding segments. Total catastrophic failures in composite materials are substantially avoided and the strength to weight ratio of structures can be increased.

No. of Pages : 66 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2958/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 10/01/2014

(54) Title of the invention : AXIAL BEARING FOR AN ELECTRIC DRIVE

(51) International classification :H02K5/167,H02K7/08,F04D29/041

(31) Priority Document No :10 2011 075 227.7

(32) Priority Date :04/05/2011

(33) Name of priority country:Germany

(86) International Application No :PCT/EP2012/057992

Filing Date :02/05/2012

(87) International Publication No :WO 2012/150242

(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)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

Address of Applicant :Carl-Wery-Str. 34, 81739 München, GERMANY

(72)Name of Inventor :

1)KALAVSKY, Michal

(57) Abstract :

The invention relates to an axial bearing (12) for retaining a rotor (7) on a shaft (10) of an electric drive (6). The axial bearing (12) has a multi-sided outer contour.

No. of Pages : 22 No. of Claims : 23

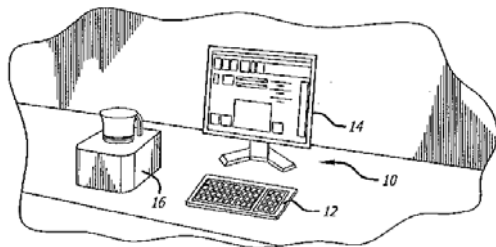
(54) Title of the invention : A SYSTEM AND METHOD FOR BATCH SIZING HAIR DYE MIXTURES

(51) International classification :A45D19/00,A45D44/00,G06Q50/10
 (31) Priority Document No :13/081,147
 (32) Priority Date :06/04/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2012/032471
 Filing Date :06/04/2012
 (87) International Publication No :WO 2012/138964
 (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)SURETINT TECHNOLOGIES, LLC
 Address of Applicant :411 Business Center Drive, Suite 104
 Mount Prospect, IL60056, U.S.A.
 (72)Name of Inventor :
1)Debbie MILLER
2)Mitchell H. SARANOW

(57) Abstract :

In various embodiments, there is provided a different methods of right sizing. The method would provide for the stylist having a matrix chart outlining as a percentage of or total amount of ingredients needed to create a mixture based on customer characteristics and/or service requested. The stylist would then be capable of creating a more accurate batch based on the matrix outline. The right-sizing of the mixture formula can be done by the stylist themselves or automatically done by a computer driven system.



No. of Pages : 24 No. of Claims : 20

AMENDMENT UNDER SEC.57, KOLKATA .

(01)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address of the Patentee in respect of Patent No.248224 has been amended to :

1244 Mandarin Drive, Sunnyvale, CA 94087.

(02)

An application for change in the address of the Patentee from 111 Lord Drive, P.O. Box 8012 Cary North Carolina 27512-8012, USA TO A/401-404,4th Floor,215-Atrium,Chakala, Andheri-Kurla Road, Andheri (E) Mumbai-400093 in respect of Patent No.222752 (IN/PCT/2002/1575) was filed. Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents, if any, at the appropriate office.

(03)

An application for change in the name of the Patentee from THYSSENKRUPP STAHL AG to THYSSENKRUPP STEEL AG in respect of Patent No.222871 (1269/KOLNP/2005) was filed. Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents, if any, at the appropriate office.

(04)

An application for change in the name of the Patentee from THYSSENKRUPP STEEL AG to THYSSENKRUPP STEEL EUROPE AG, in respect of Patent No.222871 (1269/KOLNP/2005). Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents, if any, at the appropriate office.

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	258375	6687/DELNP/2006	11/06/2004	06/05/2004	PREPARATION METHOD FOR THE PRODUCTION OF ACTIVE AND SOLUBLE PROTEINS IN PROKARYOTES AND POLYCISTRONIC VECTORS THEREFOR	DAEWOONG CO., LTD.	31/08/2007	DELHI
2	258376	830/DEL/2007	16/04/2007 14:14:17		NOVEL LIQUID-SOLID RADIALY CROSS FLOW MULTI STAGE FLUIDIZED BED CONTACTOR	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	26/12/2008	DELHI
3	258378	3171/DELNP/2005	21/05/2004	23/05/2003	A POLYMERIC REAGENT	NEKTAR THERAPEUTICS	09/11/2007	DELHI
4	258379	2624/DEL/2006	07/12/2006		A SET OF NOVEL OLIGONUCLEOTIDE PRIMERS AND THE METHOD FOR THE DETECTION OF ASPERGILLUS OCHRACEUS THEREBY	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	01/08/2008	DELHI
5	258383	5667/DELNP/2008	29/12/2006	30/12/2005	POLYMERIZATION CATALYST COMPRISING SOLID CATALYST PARTICLES AND METHOD OF PREPARING THE SAME	BOREALIS TECHNOLOGY OY	26/09/2008	DELHI
6	258384	4824/DELNP/2006	25/03/2005	25/03/2004	A HETEROLOGOUS EXO-ENDO CELLULASE FUSION CONSTRUCT AND FUSION PROTEIN THEREOF	GENENCOR INTERNATIONAL INC.	10/08/2007	DELHI
7	258387	3852/DELNP/2004	05/07/2000	05/07/2000	A METHOD FOR PURIFYING AIR	CHEOLSOO SON	02/10/2009	DELHI
8	258392	7718/DELNP/2006	29/03/2005	28/05/2004	A COMPOSITION HAVING IMMUNOREGULATING ACTIVITIES COMPRISING LACTOBACILLUS PENTOSUS	SUNTORY HOLDINGS LIMITED	17/08/2007	DELHI
9	258394	1271/DEL/2006	26/05/2006		READY-TO-EAT NOODLES AND PROCESS THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	30/11/2007	DELHI
10	258398	1618/DELNP/2006	25/08/2004	25/08/2003	AN ISOLATED AND PURIFIED ENZYME COCKTAIL	FUNZYME BIOTECHNOLOGIES SA	30/03/2012	DELHI

11	258399	8278/DELNP/2008	27/02/2007	23/03/2006	PROCESS OF DRYING AND PURIFYING A GAS FLOWING TO A CATALYST REGENERATION VESSEL	UOP LLC	07/11/2008	DELHI
12	258400	5403/DELNP/2007	02/11/2005	23/12/2004	MOLECULAR SIEVE SSZ-70 COMPOSITION OF MATTER AND SYNTHESIS THEREOF	CHEVRON U.S.A.INC.	17/08/2007	DELHI
13	258404	3038/DELNP/2008	12/09/2006	12/09/2005	COMPOSITION FOR DIAGNOSING PROSTATE CANCER IN A PATIENT	THE REGENTS OF THE UNIVERSITY OF MICHIGAN, THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	08/08/2008	DELHI
14	258409	6904/DELNP/2006	21/04/2005	21/04/2004	POLY-N-ACETYL GLUCOSAMINE (PNAG/DPNAG)-BINDING ANTIBODIES AND COMPOSITION THEREOF	THE BRIGHAM AND WOMEN'S HOSPITAL, INC,BETH ISRAEL DEACONESS MEDICAL CENTER, INC	17/08/2007	DELHI
15	258414	1812/DELNP/2008	28/09/2006	29/09/2005	MICROBIAL HOST CELLS FOR THE FERMENTIVE PRODUCTION OF 1-BUTANOL	BUTAMAX ADVANCED BIOFUELS LLC	27/06/2008	DELHI
16	258421	2308/DELNP/2004	24/02/2003	22/02/2002	THERAPEUTIC COMPOSITION FOR INFECTIOUS DISEASES	OKADA MASAJI,TAKAMORI YASUSHI, NATIONAL HOSPITAL ORGANIZATION KINKI-CHUO CHEST MEDICAL CENTER,AZBIO CORP	30/10/2009	DELHI
17	258425	10391/DELNP/2008	29/06/2007	30/06/2006	POLYMER COMPOSITION COMPRISING A PROPYLENE POLYMER AND PROCESS FOR PREPARING THE SAME	BOREALIS TECHNOLOGY OY	20/03/2009	DELHI
18	258426	4429/DELNP/2008	25/05/2004	28/05/2003	A DISINFECTANT	OTSUKA PHARMACEUTICAL CO.,LTD,OTSUKA PHARMACEUTICAL FACTORY, INC.	15/08/2008	DELHI
19	258427	3348/DEL/2005	02/03/2000	29/03/1999	EMISSION CONTROL APPARATUS FOR AN INTERNAL COMBUSTION ENGINE	TOYOTA JIDOSHA KABUSHIKI KAISHA	02/11/2007	DELHI
20	258428	1687/DELNP/2008	22/05/2007	04/08/2005	PRODUCTION METHOD OF AROMATIC POLYCARBONATE	mitsubishi chemical CORPORATION	27/06/2008	DELHI
21	258429	729/DELNP/2007	22/07/2005	22/07/2004	PROCESS FOR ENRICHING A POPULATION OF SPERM CELLS	MONSANTO TECHNOLOGY, LLC	27/04/2007	DELHI
22	258430	2368/DELNP/2006	12/11/2004	14/11/2003	A CURABLE COMPOSITION	EXXONMOBIL CHEMICAL PATENTS INC,	03/08/2007	DELHI

23	258431	3030/DELNP/2008	22/11/2006	25/11/2005	DNA CONSTRUCTS FOR SPECIFIC INHIBITION OF GENE EXPRESSION BY RNA INTERFERENCE	MOLOGEN AG	08/08/2008	DELHI
24	258432	2833/DELNP/2006	12/11/2004	17/11/2003	APPARATUS AND METHOD FOR TREATING AN AIR FLOW	ABsalut Ecology Corporation	03/08/2007	DELHI
25	258433	703/DELNP/2003	05/11/2001	03/11/2000	TOUGHENED PLASTICS AND ITS PREPARATION METHODS	CHINA PETROLEUM & CHEMICAL CORPORATION, CHINA PETROLEUM & CHEMICAL CORPORATION BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY	12/02/2010	DELHI
26	258434	888/DELNP/2007	09/08/2005	14/08/2004	A PHARMACEUTICAL COMPOSITION OF COMPOUND OF FORMULA (I) AND A THERAPEUTIC AGENT	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	03/08/2007	DELHI
27	258435	2632/DELNP/2008	19/10/2006	21/10/2005	HUMAN ANTIBODIES AGAINST IL 13 AND THERAPEUTIC USES	NOVARTIS AG.	04/07/2008	DELHI
28	258436	3991/DELNP/2007	19/12/2005	27/12/2004	METHODS FOR PRODUCING ACETIC ACID	DAICEL CHEMICAL INDUSTRIES, LTD	31/08/2007	DELHI
29	258437	2163/DELNP/2007	21/09/2005	21/09/2004	METHOD FOR INERTING CLAYS IN SANDS	LAFARGE	03/08/2007	DELHI
30	258438	6311/DELNP/2008	10/01/2007	20/01/2006	AQUEOUS DISPERSIONS OF POLYMER -ENCLOSED PARTICLES, RELATED COATING COMPOSITIONS AND COATED SUBSTRATES	PPG INDUSTRIES OHIO, ING,	24/10/2008	DELHI
31	258440	850/DEL/2006	28/03/2006		AN IMPROVED PROCESS FOR THE PREPARATION OF FUNCTIONALIZED POLYSTYRENE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH AND DEPARTMENT INFORMATION TECHNOLOGY	30/03/2012	DELHI
32	258443	4156/DELNP/2007	06/12/2005	23/12/2004	A POLYESTER AMINE DISPERSANT OF FORMULA (I)	LUBRIZOL LIMITED.	31/08/2007	DELHI
33	258444	2587/DELNP/2007	07/10/2005	09/10/2004	METHOD FOR THE PRODUCTION OF VIRUS MATERIAL IN A MICROCARRIER CELL CULTURE	AICURIS GMBH & CO.KG	03/08/2007	DELHI
34	258446	3309/DELNP/2008	23/10/2006	02/11/2005	SOLID PHARMACEUTICAL COMPOSITIONS CONTAINING PREGABALIN	PFIZER PRODUCTS INC	08/08/2008	DELHI

35	258447	2632/DELNP/2007	15/11/2005	15/11/2004	STEREISOMERICALLY ENRICHED 3-AMINOCARBONYL BICYCLOHEPTENE PYRIMIDINEDIAMINE COMPOUNDS AND THEIR USES	RIGEL PHARMACEUTICALS, INC.	03/08/2007	DELHI
36	258449	6688/DELNP/2007	24/02/2006	24/02/2005	TRANS CAROTENOIDS, THEIR SYNTHESIS, FORMULATION AND USES	DIFFUSION PHARMACEUTICALS LLC	28/09/2007	DELHI
37	258450	670/DEL/2006	10/03/2006		PROCESS FOR ONE POT CONVERSION OF ARTEMISININ INTO ARTELLNIC ACID	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	25/05/2012	DELHI
38	258451	553/DEL/2006	02/03/2006	18/03/2005	A FLUE GAS PURIFICATION DEVICE	DOOSAN LENTJES GMBH	17/08/2007	DELHI
39	258453	5205/DELNP/2007	20/12/2005	22/12/2004	ASYMMETRIC HYDROGENATION OF ALKENES USING CHIRAL IRIIDIUM COMPLEXES	DSM IP ASSETS B.V.	17/08/2007	DELHI
40	258455	7145/DELNP/2006	27/05/2005	02/06/2004	PROCESS FOR MAKING A FINISHED OR SEMI-FINISHED ARTICLES OF SILVER ALLOY	ARGENTIUM INTERNATIONAL LIMITED	24/08/2007	DELHI

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	168288	100/BOM/1989	19/04/1989		A DEVICE FOR HEATING CASSEROLES	EAGLE FLASK INDUSTRIES PRIVATE LIMITED	03/06/1989	MUMBAI
2	170493	110/BOM/1989	24/04/1989		A SIKKIM APPARATUS	SALEAM ESSOP	17/06/1989	MUMBAI
3	258381	1647/MUMNP/2007	24/03/2006	25/03/2005	APPARATUS AND METHOD FOR MANAGING BATTERY PERFORMANCE OF A WIRELESS DEVICE	QUALCOMM INCORPORATED	16/11/2007	MUMBAI
4	258382	634/MUMNP/2008	29/09/2006	29/09/2005	VIDEO PACKET SHAPING FOR VIDEO TELEPHONY	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
5	258386	1855/MUMNP/2009	25/03/2008	26/03/2007	IMPROVED VACCINES AGAINST BORDETELLA PERTUSSIS BASED ON LPS GLYCOSYLTRANSFERASE MUTANTS □	DE STAAT DER NEDERLANDEN VERT. DOOR DE MINISTER VAN VWS	28/05/2010	MUMBAI
6	258389	85/MUMNP/2010	19/06/2008	11/07/2007	METHOD FOR MAKING HARD PRETZELS THAT EFFECTIVELY ABSORB SEASONING SLURRY □	FRITO-LAY NORTH AMERICA INC.	25/06/2010	MUMBAI
7	258403	2574/MUMNP/2008	16/05/2007	19/05/2006	A CONTINUOUS METHOD OF PRODUCING A MASH EXTRACT	HEINEKEN SUPPLY CHAIN B.V.	23/01/2009	MUMBAI
8	258405	2546/MUMNP/2008	16/05/2007	19/05/2006	A METHOD OF PRODUCING A MASH EXTRACT AND AN APPARATUS FOR CARRYING OUT SUCH METHOD	HEINEKEN SUPPLY CHAIN B.V.	26/06/2009	MUMBAI
9	258406	581/MUMNP/2007	30/09/2004	30/09/2004	METHOD FOR AVOIDING INTERRUPTIONS OF PUSH TO TALK SERVICES	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	17/08/2007	MUMBAI
10	258411	2784/MUMNP/2008	29/06/2007	29/06/2006	METHOD FOR CELL-FREE SYNTHESIS OF POLYPEPTIDES CONTAINING UNNATURAL AMINO ACIDS	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	20/02/2009	MUMBAI
11	258424	763/MUMNP/2010	20/08/2008	17/10/2007	METHOD OF MAKING A SNACK PRODUCT AND SHEETABLE DOUGH WITH HIGH RATE OF VISUAL INCLUSIONS	FRITO-LAY NORTH AMERICA INC.	27/08/2010	MUMBAI
12	258452	1760/MUMNP/2009	27/03/2008	28/03/2007	FLUORINATED DERIVATIVES OF DEFERIPRONE	APOTEX TECHNOLOGIES INC.	28/05/2010	MUMBAI

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	258377	1984/CHENP/2007	31/10/2005	09/11/2004	N-SUBSTITUTED IMIDES AS POLYMERIZATION INITIATORS	CIBA HOLDING INC	31/08/2007	CHENNAI
2	258385	1224/CHENP/2007	10/09/2005	24/09/2004	CAP FOR DRUG DELIVERY DEVICES	Sanofi-Aventis Deutschland GmbH, TERUMO CORPORATION	31/08/2007	CHENNAI
3	258393	1100/CHENP/2008	24/08/2006	24/08/2005	DYNAMIC LOCATION ALMANAC FOR WIRELESS BASE STATIONS	QUALCOMM INCORPORATED	12/09/2008	CHENNAI
4	258396	3876/CHENP/2006	17/03/2005	22/03/2004	METHODS AND COMPOSITIONS FOR ANALYZING AHASL GENES	BASF SE	15/06/2007	CHENNAI
5	258397	3091/CHENP/2008	05/12/2006	20/12/2005	METHOD OF DISCRIMINATING AT LEAST TWO CELL POPULATIONS OF, AND APPLICATION	HORIBA ABX SAS	06/03/2009	CHENNAI
6	258401	4652/CHENP/2006	11/05/2005	18/05/2004	A PROCESS FOR THE PRODUCTION OF ALUMINA TRIHYDRATE BY ALKALINE DIGESTION OF BAUXITE	ALUMINIUM PECHINEY	29/06/2007	CHENNAI
7	258402	3745/CHENP/2006	09/03/2005	09/03/2004	FUSED RING AZADECALIN GLUCOCORTICOID RECEPTOR MODULATORS	CORCEPT THERAPEUTICS, INC.	15/06/2007	CHENNAI
8	258408	2164/CHENP/2007	18/10/2005	18/10/2004	FLANGED COVER ASSEMBLY WITH FLANGE PRESSURE DISTRIBUTION COMPENSATOR	FEDERAL-MOGUL CORPORATION	07/09/2007	CHENNAI
9	258410	1530/CHENP/2007	30/09/2005	15/10/2004	Al-Mg-Mn WELD FILLER ALLOY	ALERIS ALUMINUM KOBLENZ GMBH	31/08/2007	CHENNAI
10	258413	3092/CHENP/2008	07/02/2006	28/12/2005	SYSTEMS AND METHODS FOR DISCOVERING AND INTERACTING WITH SERVICES	PANASONIC CORPORATION	06/03/2009	CHENNAI
11	258415	3269/CHENP/2007	21/12/2005	29/12/2004	DELIVERY SYSTEM FOR LOW CALORIE BULKING AGENTS	INTERCONTINENTAL GREAT BRANDS LLC	16/11/2007	CHENNAI

12	258416	1172/CHENP/2008	11/09/2006	09/09/2005	TRAZODONE COMPOSITION FOR ONCE A DAY ADMINISTRATION	ANGELINI LABOPHARM, LLC	12/09/2008	CHENNAI
13	258417	4019/CHENP/2008	12/02/2007	16/02/2006	PROCESS FOR THE PREPARATION OF VISCOSITY INDEX IMPROVERS OF LUBRICATING OILS	POLIMERI EUROPA S.p.A.	13/03/2009	CHENNAI
14	258418	1061/CHE/2008	30/04/2008 10:10:09	30/04/2007	SYSTEM AND METHOD FOR INTEGRATING AN OUTGOING CELLULAR CALL AS AN ENTERPRISE CALL IN AN IMS ENVIRONMENT	Research In Motion Limited	31/07/2009	CHENNAI
15	258439	2843/CHENP/2007	27/12/2005	27/12/2004	SOLID AGROCHEMICAL FORMULATION AND METHOD THEREOF	HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED	07/09/2007	CHENNAI
16	258441	3341/CHENP/2006	17/03/2005	17/03/2004	CATALYST COMPOSITION COMPRISING SHUTTLING AGENT FOR ETHYLENE COPOLYMER FORMATION	DOW GLOBAL TECHNOLOGIES LLC	22/06/2007	CHENNAI
17	258442	3122/CHENP/2007	15/12/2005	17/12/2004	A PROCESS FOR THE PURIFICATION OF GABAPENTIN	ZaCh System S.p.A	07/09/2007	CHENNAI
18	258445	4760/CHENP/2008	08/02/2007	10/02/2006	NOVEL PORPHYRAZINE COLORING MATTER, INK, INK SET AND COLORED ARTICLE	NIPPON KAYAKU KABUSHIKI KAISHA	13/03/2009	CHENNAI
19	258448	4827/CHENP/2006	27/06/2005	30/06/2004	A METHOD FOR DOMINANT COLOR EXTRACTION FROM VIDEO CONTENT ENCODED IN A RENDERED COLOR SPACE	TP VISION HOLDING B.V.	05/10/2007	CHENNAI
20	258454	5981/CHENP/2008	30/03/2007	05/04/2006	METHOD AND APPARATUS FOR PULLING OFF AND DRAWING A MULTIFILAMENT THREAD	Oerlikon Textile GmbH & Co. KG	27/03/2009	CHENNAI

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	258380	2569/KOLNP/2006	25/03/2005	30/03/2004	A MEDICATION DISPENSING APPARATUS	ELI LILLY AND COMPANY	01/06/2007	KOLKATA
2	258388	1751/CAL/1995	28/12/1995	16/01/1995	PACKAGING PROCESS CAPABLE OF PROVIDING A PRE-STRAIGHTENED METAL WIRE IN A CYLINDRICAL DRUM	TREFIMETAUX	12/09/2008	KOLKATA
3	258390	4186/KOLNP/2007	31/05/2006	28/06/2005	BIPHENYL HYDROXAMIC ACID COMPOUNDS AND COMPOSITIONS.	SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.	04/07/2008	KOLKATA
4	258391	953/KOLNP/2008	19/01/2007	26/01/2006	INDUSTRIAL PROCESS FOR PRODUCTION OF DIOL	ASAHI KASEI CHEMICALS CORPORATION	19/12/2008	KOLKATA
5	258395	2170/KOLNP/2008	27/12/2006	30/12/2005	A METHOD OF OPERATION FOR THE SLURRY POLYMERISATION OF OLEFINS	TOTAL PETROCHEMICALS RESEARCH FELUY	16/01/2009	KOLKATA
6	258407	3909/KOLNP/2006	25/07/2005	05/08/2004	A HIGH EFFICIENCY AXIAL FAN WITH BLADES ANGLED IN THE FAN PLANE OF ROTATION	SPAL AUTOMOTIVE S.r.L.	22/06/2007	KOLKATA
7	258412	1070/KOLNP/2006	26/10/2004	30/10/2003	AN OFFSHORE OFFLOADING SYSTEM AND METHOD FOR OFFLOADING LIQUID LNG FROM TANKER	SBM-IMODCO, INC	20/04/2007	KOLKATA
8	258419	1105/CAL/1998	23/06/1998	24/06/1997	PROCESS FOR THE PRODUCTION OF PROPYLENE TERPOLYMERS	BOREALIS TECHNOLOGY OY	22/03/2013	KOLKATA
9	258420	1754/KOLNP/2007	29/10/2005	18/11/2004	HYDROPHOBIC SILICON DIOXIDE AND A PROCESS FOR THE PREPARATION OF THE SAME	EVONIK DEGUSSA GMBH	10/08/2007	KOLKATA
10	258422	2110/KOLNP/2007	15/12/2005	22/12/2004	METHOD TO PREPARE BIS (HALOIMIDES)	SABIC INNOVATIVE PLASTICS IP B.V.,	31/08/2007	KOLKATA
11	258423	2949/KOLNP/2007	24/01/2006	24/01/2005	AN ASSEMBLY FOR PROVIDING FLEXURE TO A BLADE OF A ROTARY BLADE SYSTEM AND A ROTOR HUB ASSEMBLY	BELL HELICOPTER TEXTRON INC.	19/10/2007	KOLKATA

CONTINUED TO PART-3