

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2011

(43) Publication Date : 27/09/2013

(54) Title of the invention : TYRE VULCANISING MOULD INCLUDING AN ARRAY OF GROOVES AND NOTCHES

(51) International classification	:B29B 30/06	(71) Name of Applicant :
(31) Priority Document No	:0859165	1) SOCIETE DE TECHNOLOGIE MICHELIN
(32) Priority Date	:31/12/2008	Address of Applicant :23 RUE BRESCHET F-63000 CLERMONT-FERRAND, FRANCE
(33) Name of priority country	:France	2) MICHELIN RECHERCHE ET TECHNIQUE S.A.
(86) International Application No	:PCT/FR2009/052637	(72) Name of Inventor :
Filing Date	:21/12/2009	1) MICHEL MONTBEL
(87) International Publication No	:WO 2010/076521	2) OLIVIER LAUWERS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The lining (36) for a mould for vulcanizing a tyre, comprises at least one network (44, 45) of cords (46a-c) and of sipe blades (52a-b) for moulding a corresponding network (24, 25) of grooves (32a-c) and of cuts (26a-b) in the tread (12). The network (44, 45) of cords (46a-c) and of blades (52a, 52b) comprises at least one node (34, 35) between two cords (46a-c). Each cord (46a-c) of the network (44, 45) overmoulds at least the edge (56, 58) of a blade (52a-b). -Figure 3-

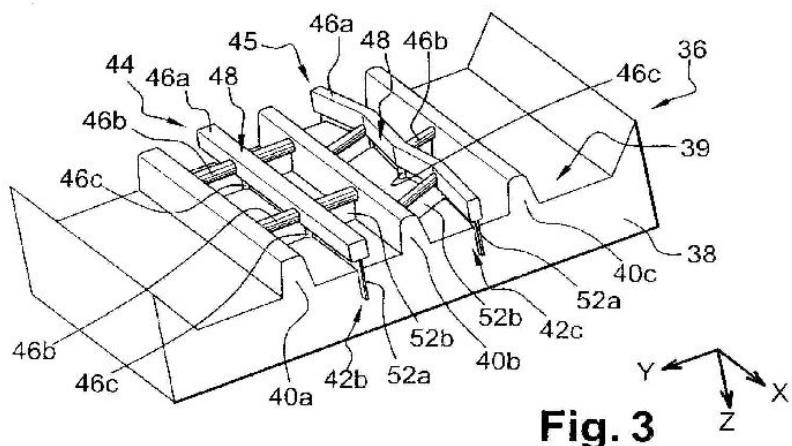


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4827/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MATERIAL WITHDRAWAL APPARATUS AND METHODS OF REGULATING MATERIAL INVENTORY IN ONE OR MORE UNITS

(51) International classification	:C10G 11/18
(31) Priority Document No	:61/140,496
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069397
Filing Date	:23/12/2009
(87) International Publication No	:WO 2010/075507
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)MARTIN EVANS

2)RONALD BUTTERFIELD

(57) Abstract :

Material withdrawal apparatus, methods, and systems of regulating material inventory in one or more units are provided. A material withdrawal apparatus includes a heat exchanger and transport medium junction configured to provide transport medium to transport the withdrawn material from the unit to the heat exchanger. Another material withdrawal apparatus includes a heat exchanger and shock coolant junction configured to provide shock coolant to the material withdrawn from the unit. Another material withdrawal apparatus includes a heat exchanger, shock coolant junction, and transport medium junction. Another embodiment of a material withdrawal apparatus includes a vessel and shock coolant junction. Another material withdrawal apparatus includes a vessel and transport medium junction. The vessel includes a wall, liner with heat insulating refractory material, fill port, and a discharge port. Other embodiments provide methods of withdrawing or regulating material in a unit and systems coupled to a material withdrawal apparatus.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4828/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DOPING OF LEAD-FREE SOLDER ALLOYS AND STRUCTURES FORMED THEREBY

(51) International classification	:H01L 21/60
(31) Priority Document No	:12/317,598
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067113
Filing Date	:08/12/2009
(87) International Publication No	:WO 2010/074956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)PANG, MENGZHI

2)GURUMURTHY, CHARAN

(57) Abstract :

Methods of forming a microelectric structure are described. Those methods include doping a lead free solder material with nickel, wherein the nickel comprises up to about 0.2 percent by weight of the solder material, and then applying the solder material to a substrate comprising a copper pad.

No. of Pages : 19 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4829/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POLYMER THERMAL INTERFACE MATERIALS

(51) International classification	:C09K 5/06
(31) Priority Document No	:12/342,322
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067274
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/074970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LI, YI

2)PRACK, ED

(57) Abstract :

In some embodiments, polymer thermal interface materials are presented. In this regard, a thermal interface material is introduced comprising a polymer matrix, a matrix additive, wherein the matrix additive comprises a fluxing agent, and a spherical filler material, wherein the spherical filler material comprises a metallic core with an organic solderability preservative coating. Other embodiments are also disclosed and claimed.

No. of Pages : 10 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4830/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR SCREENING GENES INVOLVED IN PLANT CELL CYCLE

(51) International classification	:C12N 15/82
(31) Priority Document No	:08171187.1
(32) Priority Date	:10/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/066856
Filing Date	:10/12/2009
(87) International Publication No	:WO 2010/066849
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GONZALEZ, NATHALIE

3)INZE, DIRK GUSTAAF

4)VAN LEENE, JELLE

5)VAN ONCKELEN, HENRI

6)WITTERS, WEWIN

(57) Abstract :

The present invention relates to a novel method for screening proteins related to and/or involved in plant cell cycle. It further relates to proteins isolated with the method, and the use of those proteins, and/or the genes encoding those proteins for modulating plant yield and plant growth.

No. of Pages : 117 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4831/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR LOCATING MULTIPLE RAYS OF A SOURCE WITH OR WITHOUT AOA BY MULTI-CHANNEL ESTIMATION OF THE TDOA AND FDOA

(51) International classification	:G01S 5/12
(31) Priority Document No	:08/07403
(32) Priority Date	:23/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/067000
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/072593
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CECILE GERMOND

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(57) Abstract :

Method and system for locating an emitter E transmitting a signal toward a receiver A comprising N radio frequency channels ($N \geq 1$), the characteristics of said signal being unknown to the receiver and said signal being reflected off P reflectors Bi ($P \geq 1$) of known positions, characterized in that it comprises at least the following steps: > Step 1: a step of multi-channel joint estimation/detection of the time differences of arrival or TDOA τ_i and of the frequency differences of arrival or FDOA f_i for each reflected path, > Step 2: a step of angular estimation of the direction θ_1 of the direct path of the signal emitted by a goniometry procedure, > Step 3: a step of location in the plane of the position (x,y) of the emitter E on the basis, at least, of the pairs (τ_i, f_i) . Fig 1

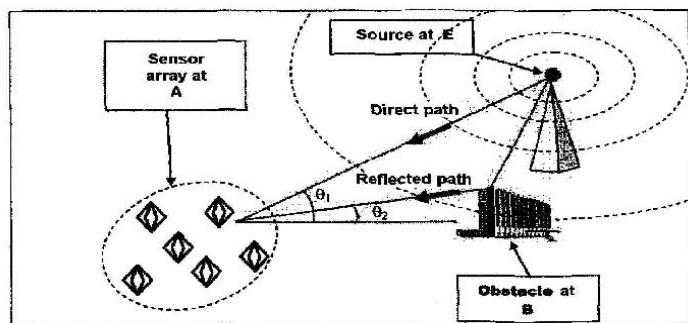


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4816/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CATALYST ACTIVATION IN FISCHER-TROPSCH PROCESSES

(51) International classification	:B01J 27/16
(31) Priority Document No	:61/140,502
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067944
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/075047
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MARK IBSEN

2)SERGIO MOHEDAS

(57) Abstract :

A system for activating Fischer-Tropsch catalyst comprising a reactor having an outlet for overhead gas and operable under conditions whereby a catalyst in a volume of liquid carrier comprising Fischer-Tropsch diesel, hydrocracking recycle oil, or a combination thereof may be activated in the presence of an activation gas; a condenser comprising an inlet fluidly connected to the reactor outlet for overhead gas and comprising a condenser outlet for condensed liquids; and a separation unit comprising an inlet fluidly connected to the condenser outlet and a separator outlet for a stream comprising primarily Fischer-Tropsch diesel; and a recycle line fluidly connecting the separator outlet, a hydrocracking unit, or both to the reactor, whereby Fischer-Tropsch diesel recovered from reactor overhead gas, hydrocracking recycle oil, or a combination thereof may serve as liquid carrier for catalyst in the reactor. A method for activating Fischer-Tropsch catalyst is also provided.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4817/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NANOPARTICLE CONTRAST AGENT FOR DIAGNOSTIC IMAGING

(51) International classification	:A61K 49/04
(31) Priority Document No	:12/344,608,
(32) Priority Date	:29/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/067468
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/076237
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)PETER JOHN BONITATIBUS JR.,

3)MICHAEL ERNEST MARINO

4)MATTHEW DAVIND BUTTS

5)AMIT KULKARNI

6)BRIAN C. BALES

7)BRUCE ALLAN HAY

8)ANDREW SOLIZ TORRES

(57) Abstract :

Nanoparticles (10) functionalized with at least one zwitterionic moiety, and compositions comprising said nanoparticles are provided. The nanoparticles (10) have characteristics that result in minimal retention of the particles in the body compared to other nanoparticles. The nanoparticle (10) comprises a core (20), having a core surface (30) essentially free of silica, and a shell (40) attached to the core surface (30). The shell (40) comprises at least one silane-functionalized zwitterionic moiety. Further, methods of making said nanoparticles and methods of their use as diagnostic agents are provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4818/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DISCHARGING USED OPERATING MEDIA OF A FUEL CELL, SOME OF WHICH ARE EXPLOSIVE

(51) International classification	:H01M 8/04	(71) Name of Applicant :
(31) Priority Document No	:A 2027/2008	1)FRONIUS INTERNATIONAL GMBH
(32) Priority Date	:30/12/2008	Address of Applicant :VORCHDORFER STRASSE 40, A-4643 PETTENBACH, AUSTRIA
(33) Name of priority country	:Austria	(72) Name of Inventor :
(86) International Application No	:PCT/AT2009/000496	1)MARTIN BUCHINGER
Filing Date	:23/12/2009	2)MARIO KRUMPHUBER
(87) International Publication No	:WO 2010/075602	3)WERNER RUMPL
(61) Patent of Addition to Application Number	:NA	4)THOMAS SCHIMITSBERGER
Filing Date	:NA	5)EWALD WAHLMULLER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and to a device for discharging used operating media of a fuel cell (1) in a fuel cell system (20), at least some of which are explosive, comprising a sensor unit (30) for examining the operating media discharged from an operating space (27). In order to discharge the used operating media from the fuel cell system independently of the operation of the fuel cell system and taking safety regulations into account, a mixing zone (32) is provided for mixing the operating media with a scavenging medium (28) to obtain waste air (33), wherein the operating space (27) is closed by a fan (29), and the sensor unit (30) is disposed downstream of the mixing zone (32), viewed in the flow direction of the waste air (33).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.5341/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELECTIVITY PROFILING OF PI3K INTERACTING MOLECULES AGAINST MULTIPLE TARGETS

(51) International classification	:C12Q
(31) Priority Document No	:08 002 053.0
(32) Priority Date	:04/02/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/000692
Filing Date	:03/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)CANSFIELD Andrew David

2)BERGAMINI MOORE Giovanna

3)NEUBAUER Gitte

(57) Abstract :

The present invention relates to methods wherein a PI3K interacting compound is identified by incubating a PI3K containing protein preparation with phenylthiazole ligand 1.

No. of Pages : 73 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.5342/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USER INTERFACE SYSTEM

(51) International classification	:G06F
(31) Priority Document No	:11/969,848
(32) Priority Date	:04/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/000037
Filing Date	:05/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CIESLA Craig Michael

2)YAIRIM Michah B.

(57) Abstract :

The user interface system of the preferred embodiment includes: a layer defining a surface, a substrate supporting the layer and at least partially defining a cavity, a displacement device coupled to the cavity and adapted to expand the cavity thereby deforming a particular region of the surface, a touch sensor coupled to the substrate and adapted to sense a user touch proximate the particular region of the surface, and a display coupled to the substrate and adapted to output images to the user. The user interface system of the preferred embodiments has been specifically designed to be incorporated into an electronic device, such as the display of a mobile phone, but may be incorporated in any suitable device that interfaces with a user in both a visual and tactile manner.

No. of Pages : 47 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3678/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD OF SCARFING STEEL PIECE

(51) International classification	:B23K 7/06
(31) Priority Document No	:2008-299502
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006364
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/061596
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SHOZABURO HOSOKAWA
2)SHUICHI YAMANAKA
3)TOSHIHARU ICHIYAMA

(57) Abstract :

An apparatus of the present invention for scarfing a steel piece by blowing a fuel gas onto the steel piece, the apparatus includes: a fuel gas cylinder including a fuel gas region which is supplied with the fuel gas, and an inert gas region which is supplied with an inert gas; a plurality of nozzles each having one end which communicates with an inside of the fuel gas cylinder and ejecting a gas outward from the cylinder; a piston partitioning the inside of the fuel gas cylinder into the fuel gas region and the inert gas region; and a control unit adjusting a position of the piston in the fuel gas cylinder based on a dimension of the steel piece.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3679/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR MANUFACTURING A THREE-LAYER CORD OF THE TYPE RUBBERIZED IN SITU

(51) International classification	:D07B 7/14
(31) Priority Document No	:0857789
(32) Priority Date	:17/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP09/008008
Filing Date	:10/11/2009
(87) International Publication No	:WO 2010/054791
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MICHELIN RECHERCHE ET TECHNIQUE S.A

(72)**Name of Inventor :**

1)THIBAUD POTIER

2)JEREMY TOUSSAIN

(57) Abstract :

[00103] Method of manufacturing a metal cord with three concentric layers (C1, C2, C3), rubberized in situ, of M+N+P construction, comprising a first, internal, layer (C1) consisting of M wires of diameter d1, M varying from 1 to 4, around which there are wound together in a helix, at a pitch p2, in a second, intermediate, layer (C2), N wires of diameter d2, N varying from 3 to 12, around which there are wound together as a helix at a pitch p3, in a third, outer, layer (C3), P wires of diameter d3, P varying from 8 to 20, the said method comprising the following steps which are performed in line: - an assembling step by twisting the N wires around the first layer (C1) in order to form, at a point named the assembling point, an intermediate cord named a core strand of M+N construction; downstream of the assembling point, a sheathing step in which the M+N core strand is sheathed with a rubber composition named filling rubber in the uncrosslinked state; - an assembling step in which the P wires of the first layer (C3) are twisted around the core strand thus sheathed; a final twist-balancing step. Device for implementing such a method.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.4259/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOUTHPIECE FOR AN INHALER

(51) International classification	:A61M 15/00
(31) Priority Document No	:08172405.6
(32) Priority Date	:19/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/067484
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/070083
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NILSSON THOMAS

2)BIRATH MARTIN

(57) Abstract :

The invention relates to a mouthpiece (1) for a medical device (56). The mouthpiece extends along a first axis (2) from a rear portion (4) to a front portion (6) with a middle portion (8) arranged therebetween. The rear portion is for attachment to a medical device and the front portion is for inserting into the mouth of a user. The middle portion has a cross section parallel with a second axis (10) substantially perpendicular to the first axis. The cross section extends in a direction substantially parallel with a second axis from a first limit (12) to a second limit (14) and has a width (16) substantially perpendicular to both the first and second axes. The cross section includes a divergent portion (18) between the first limit and a widest limit (20), at which the width is a maximum, and a convergent portion (22) between the widest limit and the second limit. The widest limit is a first distance (24) from the first limit and a second distance (26) from the second limit and the first distance is greater than the second.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5550/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR THE SELECTIVE GRANULOMETRIC SEPARATION OF SOLID POWDERY MATERIALS USING CENTRIFUGAL ACTION, AND METHOD FOR USING SUCH A DEVICE

(51) International classification	:B07B 11/06
(31) Priority Document No	:09/00378
(32) Priority Date	:29/01/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000065
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/086528
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)S%&BASTIEN DEVROE

(57) Abstract :

The invention relates to a device for the selective granulometric separation of solid powdery materials using centrifugal action, capable of separating materials into two fractions, i.e. a fine material fraction and a coarse material fraction, including: a housing (6), a cylindrical rotor (2) which is rotatable, relative to said housing, about a vertical axis inside said housing and provided with blades (3) evenly distributed on the periphery of an upper outlet opening through which a stream of gas, laden with particles having a size lower than a predetermined particle size, is drawn, a set of vertical adjustable vanes evenly distributed about the rotor along the generatrices of a virtual cylinder and directing the gas stream towards the rotor, means for feeding the particles between the vanes and the rotor, collecting means lower than the rotor for collecting the unfed particles having fallen and having a size larger than the predetermined particle size. According to the invention, said collecting means includes a peripheral system with a fluidised bed, wherein the bed extends about the rotor axis, at least underneath said vanes and the gap between the vanes (7) and the rotor (2), the speed of the fluidisation gas in a horizontal section of the fluidised bed being lower than 1 m/s so as to induce another separation of the fine materials and of the coarse materials in which said fine materials are fed back into the gap between said areas and said rotor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3977/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF PRODUCING A PANEL AND A CORE THEREFOR□

(51) International classification	:B31D
(31) Priority Document No	:1036212
(32) Priority Date	:19/11/2008
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2009/050698
Filing Date	:19/11/2009
(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)FIBERCORE IP B.V.

Address of Applicant :Ophemstraat 56 NL-3089 JE
Rotterdam The NETHERLANDS

(72)**Name of Inventor :**

1)PEETERS Johannes Hendricus Alphonsus

(57) Abstract :

A method of producing a panel comprises the following steps: - placing an assembly comprising core elements and impregnatable material webs extending along and between the core elements on a mould, which assembly comprises a first side and a second side which is situated opposite the first side, - enclosing said assembly under a cover layer in a sealing manner with respect to the mould, - introducing at least one inlet for injection material, which inlet ends at a first side of the assembly, - connecting the space which is enclosed by the cover layer and the mould to a discharge, - injecting injection material via the inlet on said first side of the assembly and causing the injection material to move along via the paths formed by the material webs between the core elements, -

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4080/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOVING PICTURE ENCODING METHOD AND MOVING PICTURE DECODING METHOD

(51) International classification	:H04N 7/32	(71) Name of Applicant :
(31) Priority Document No	:2009-000027	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:05/01/2009	Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/057220	1)WATANABE TAKASHI
Filing Date	:08/04/2009	2)YASUDA GOKI
(87) International Publication No	:WO 2010/076856	3)WADA NAOFUMI
(61) Patent of Addition to Application Number	:NA	4)CHUJOH TAKESHI
Filing Date	:NA	5)TANIZAWA AKIYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A moving picture encoding method includes deriving a target filter to be used for a decoded image of a target image to be encoded, setting (S101) a correspondence relationship between a target filter coefficient in the target filter and a reference filter coefficient in a reference filter in accordance with tap length of the target filter and tap length of the reference filter, deriving (S102) a coefficient difference between the target filter coefficient and the reference filter coefficient in accordance with the correspondence relationship, and encoding (S104) target filter information including the tap length of the target filter and the coefficient difference.

No. of Pages : 102 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5545/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR ISOLATING OR COUNTING MICROORGANISMS ON AN AGAR CULTURE MEDIUM

(51) International classification	:C12Q 1/04
(31) Priority Document No	:0950591
(32) Priority Date	:30/01/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050146
Filing Date	:29/01/2010
(87) International Publication No	:WO 2010/086565
(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)BIOMERIEUX

Address of Applicant :CHEMIN DE L'ORME, F-69280 MARCY L'ETOILE, FRANCE

(72)Name of Inventor :

1)BRUNO COLIN

2)AURELIEN COSTA

(57) Abstract :

The invention relates to a method for isolating microorganisms on an agar culture medium, including the steps of: depositing, on said agar culture medium, a predetermined amount of a sample to be analyzed and optionally containing said microorganisms or a suspension of said microorganisms; applying a seeding means onto agar culture medium in contact with the volume of sample or suspension; moving the seeding means so as totally or partially spread the volume of sample or suspension over the surface of the agar culture medium, the movement of said seeding means being discontinuous so that during said movement the contact between the seeding means and the surface of the agar culture medium is interrupted and re-established at least once, thereby creating spreading segments and resulting in a depletion of the seeding means in terms of the sample or suspension; and incubating said agar culture medium under conditions enabling the growth of microorganisms. Figure 2

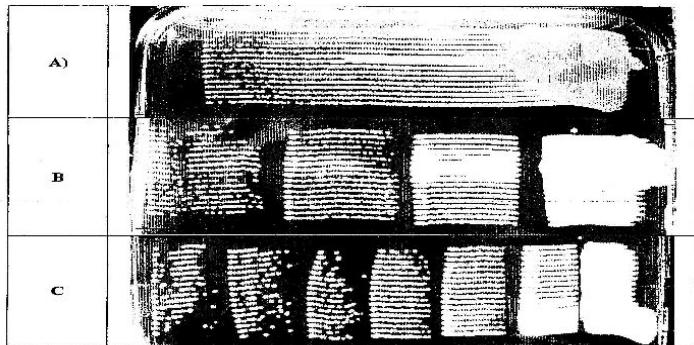


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5547/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR HYDRODESULFURIZATION, HYDRODENITROGENATION, HYDROFINISHING, OR AMINE PRODUCTION

(51) International classification	:C10G 47/00	(71) Name of Applicant :
(31) Priority Document No	:61/145,839	1)HRD CORPORATION
(32) Priority Date	:20/01/2009	Address of Applicant :14549 MINETTA, HOUSTON, TEXAS 77035, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/021324	1)ABBAS HASSAN
Filing Date	:18/01/2010	2)RAYFORD G. ANTHONY
(87) International Publication No	:WO 2010/090811	3)GREGORY G. BORSINGER
(61) Patent of Addition to Application Number	:NA	4)AZIZ HASSAN
Filing Date	:NA	5)EBRAHIM BAGHERZADEH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Herein disclosed is a method for hydrodesulfurization, hydrodenitrogenation, hydrofinishing, amine production or a combination thereof. The method comprises forming a dispersion comprising hydrogen-containing gas bubbles dispersed in a liquid feedstock, wherein the bubbles have a mean diameter of less than about 5 µm and wherein the feedstock comprises a mixture of petroleum-derived hydrocarbons and a naturally derived renewable oil. The feedstock comprises hydrocarbons selected from the group consisting of liquid natural gas, crude oil, crude oil fractions, gasoline, diesel, naphtha, kerosene, jet fuel, fuel oils, and combinations thereof. The method further comprises contacting the dispersion with a catalyst that is active for hydrodesulfurization, hydrodenitrogenation, hydrofinishing, amine production, or a combination thereof. The catalyst comprises homogeneous catalysts and heterogeneous catalysts. The catalyst may be utilized in fixed-bed or slurry applications.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4646/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STABILIZED DYNAMICALLY VULCANIZED THERMOPLASTIC ELASTOMER COMPOSITIONS USEFUL IN FLUID BARRIER APPLICATIONS

(51) International classification	:C08L 23/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/087147
Filing Date	:17/12/2008
(87) International Publication No	:WO 2010/071642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :13501 KATY FREEWAY, HOUSTON, TX 77079, UNITED STATES OF AMERICA Japan

2)THE YOKOHAMA RUBBER CO., LTD.

(72)**Name of Inventor :**

1)EDWARD JOHN BLOK

2)BRUCE ALAN HARRINGTON

3)YUICHI HARA

4)SHUSAKU TOMOI

(57) Abstract :

A stabilized, dynamically vulcanized thermoplastic elastomer composition comprising dispersed dynamically vulcanized particles of at least one first elastomer or rubber comprising halogenated isobutylene-containing elastomer and dispersed particles of at least one second elastomer or rubber comprising at least one functional group capable of reacting with and grafting to a polyamide, the particles of the at least one first and at least one second elastomers dispersed in a continuous thermoplastic polyamide or nylon resin matrix comprising at least one nylon homopolymer, nylon copolymer or mixture thereof, the composition or the at least one first elastomer further comprising at least one stabilizer against degradation induced by exposure to actinic, particularly ultraviolet, radiation. The compositions are preferably produced in a mixing extruder and are suitable for producing durable, flexible, thermoplastic elastomer fluid barrier films or layers useful in industrial articles such as vehicle tire innerliners and hoses.

No. of Pages : 65 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4649/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SWITCH ARRANGEMENT FOR MEDIUM AND HIGH-VOLTAGE SWITCHING DEVICES

(51) International classification :H01H 79/00
(31) Priority Document No :08021978.5
(32) Priority Date :18/12/2008
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP09/008927
Filing Date :14/12/2009
(87) International Publication No :WO 2010/078918
(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

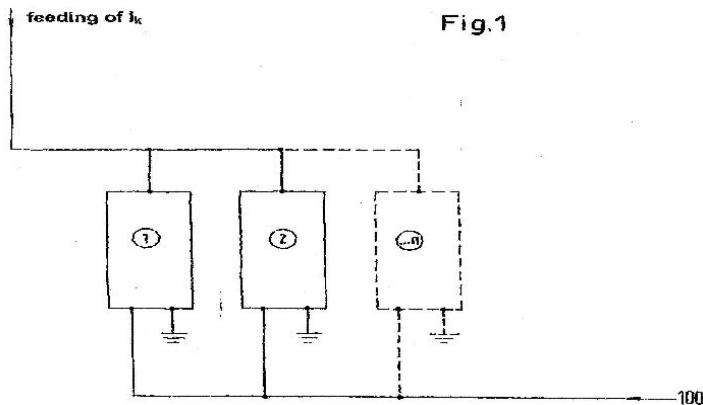
Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND

(72)Name of Inventor :

1)DIETMAR GENTSCH

(57) Abstract :

The invention relates to a switch arrangement for medium and high-voltage switching devices having switches, with which at least one of the contacts is a moving contact which can be actuated by means of an ignition charge, according to the pre-characterizing clause of patent claim 1. In order to ensure that both a high-current arrangement and a high-voltage arrangement can be taken into account, according to the invention it is proposed that, for a plurality of switches, a dedicated ignition device is provided for each switch, and that the ignition devices are coupled together with regard to the time of the ignition. Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4776/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MESYLATED SALT OF 5-(2-{[6-(2, 2-DIFLUORO- 2-PHENYLETHOXY) HEXYL] AMINO}-1-HYDROXYETHYL)-8- HYDROXYQUINOLIN-2(1H)- ONE AS AGONIST OF THE 2 ADRENERGIC RECEPTOR

(51) International classification	:C07D 215/26
(31) Priority Document No	:08382082.9
(32) Priority Date	:22/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/008970
Filing Date	:15/12/2009
(87) International Publication No	:WO 2010/072354
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)FRANCESC CARRERA CARRERA

2)CARLOS PUIG DURAN

3)IOLANDA MARCHUETA HEREU

4)ENRIQUE MOYES VALLS

(57) Abstract :

The present invention is directed to a mesylate salt of 5-(2-{[6-(2,2-difluoro-2-phenylethoxy)hexyl]amino}-1 -hydroxyethyl)-8-hydroxyquulinolin-2(1 H)-one and pharmaceutically acceptable solvates thereof.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4778/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CHROMATOGRAPHY SYSTEMS AND SYSTEM COMPONENTS

(51) International classification	:B01D 15/08
(31) Priority Document No	:61/201,350
(32) Priority Date	:10/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/006497 :10/12/2009
(87) International Publication No	:WO 2010/068276
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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3)WASHINGTON J. MENDOZA

4)RAAIDAH SAARI-NORDHAUS

5)DIRK HELGEMO

6)STEVE LEWIS

7)SHELDON NELSON

8)BRUCE FROHMAN

9)NICK KLEIN

(57) Abstract :

Chromatography systems and components suitable for use in chromatography systems are disclosed. Methods of making chromatography systems and components suitable for use in chromatography systems and methods of using chromatography systems and components suitable for use in chromatography systems are also disclosed

No. of Pages : 48 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5540/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CRYSTALLINE N-{(1-S)-2-AMINO-1-[(3-FLUOROPHENYL) METHYL]ETHYL}-5-CHLORO-4-(4-CHLORO-1-METHYL-1H-PYRAZOL-5-YL)- 2- THIOPHENECARBOXAMIDE HYDROCHLORIDE

(51) International classification	:A61K 31/381
(31) Priority Document No	:61/148,490
(32) Priority Date	:30/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022323
Filing Date	:28/01/2010
(87) International Publication No	:WO 2010/088331
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :ONE FRANKLIN PLAZA, 200
NORTH 16TH STREET, PHILADELPHIA, PA 19102, U.S.A.

(72)**Name of Inventor :**

1)PINGYUN Y. CHEN

2)JEFFREY GAULDING

(57) Abstract :

An improved AKT inhibiting compound, crystalline N-{(1S)-2-amino-1-[(3-fluorophenyl)methyl]ethyl}-5-chloro-4-(4-chloro-1-methyl-1H-pyrazol-5-yl)- 2-thiophenenecarboxamide hydrochloride.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5543/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RUBBER MIXTURES CONTAINING SILANE AND HAVING POSSIBLY FUNCTIONALIZED DIENE RUBBERS AND MICROGELS, A METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF

(51) International classification	:B60C 1/00	(71) Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH, Address of Applicant :51369 LEVERKUSEN, GERMANY
(31) Priority Document No	:10 2009 005 713.7	
(32) Priority Date	:22/01/2009	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2010/050571	
Filing Date	:19/01/2010	
(87) International Publication No	:WO 2010/084114	
(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 rubber mixtures containing silane and having possibly functionalized diene rubbers and microgels, to a method for the production thereof, and to the use thereof to produce wet slipping resistant and low-rolling resistance motor vehicle tire treads having high abrasion resistance.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4402/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRICAL POWER STORAGE DEVICES

(51) International classification

:H01L

(31) Priority Document No

:61/115,815

(32) Priority Date

:18/11/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/064992

Filing Date

:18/11/2009

(87) International Publication No

:WO 2010/059729

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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3)ROBERT G. GRUENSTERN
4)WILLIAM J. WRUCK
5)RAMACHANDRAN SUBBARAMAN
6)JAMES S. SYMANSKI
7)EBERHARD MIESSNER**

(57) Abstract :

An electrical storage device includes high surface area fibers (e.g., shaped fibers and/or microfibers) coated with carbon (graphite, expanded graphite, activated carbon, carbon black, carbon nanofibers, CNT, or graphite coated CNT), electrolyte, and/or electrode active material (e.g., lead oxide) in electrodes. The electrodes are used to form electrical storage devices such as electrochemical batteries, electrochemical double layer capacitors, and asymmetrical capacitors.

No. of Pages : 33 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4674/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE COMPOUNDS USING TRANSFER HYDROGENATION

(51) International classification	:C07B 53/00	(71) Name of Applicant :
(31) Priority Document No	:0823554.1	1)NOVARTIS AG
(32) Priority Date	:24/12/2008	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/067821	1)MATHES CHRISTIAN
Filing Date	:23/12/2009	2)FOULKES MICHAEL
(87) International Publication No	:WO 2010/072798	3)KESSELGRUBER MARTIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A catalytic process for the preparation of optically active compounds and their conversion thereafter to desired drug substances. In particular, the process relates to the preparation of (S)-3-(1-Dimethylamino-ethyl)-phenol using asymmetric catalytic reduction and transfer hydrogenation, thereby providing an improved route to forming drug substances such as rivastigmine and rivastigmine hydrogen tartrate.

No. of Pages : 64 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4795/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF REMOVING CARBON DIOXIDE FROM A FLUID STREAM AND FLUID SEPARATION ASSEMBLY

(51) International classification	:B01D 45/16	(71) Name of Applicant :
(31) Priority Document No	:PCT/NL2008-050838	1)TWISTER B.V. Address of Applicant :EINSTEINLAAN 10, NL-2289 CC RIJSWIJK, NETHERLANDS
(32) Priority Date	:22/12/2008	(72) Name of Inventor :
(33) Name of priority country	:PCT	1)PRAST, BART
(86) International Application No Filing Date	:PCT/NL2009/050781 :18/12/2009	2)LANGERAK, JAKOB ARIE CORNELIS
(87) International Publication No	:WO 2010/074565	3)BETTING, MARCO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)TJEENK WILLINK, CORNELIS ANTONIE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method of removing carbon dioxide from a fluid stream by a fluid separation assembly has a cyclonic fluid separator with a tubular throat portion arranged between a converging fluid inlet section and a diverging fluid outlet section and a swirl creating device. The separation vessel has a tubular section positioned on and in connection with a collecting tank. In the method, a fluid stream with carbon dioxide is provided. Subsequently, a swirling motion is imparted to the fluid stream so as to induce outward movement. The swirling fluid stream is then expanded such that components of carbon dioxide in a meta-stable state within the fluid stream are formed. Subsequently, the outward fluid stream with the components of carbon dioxide is extracted from the cyclonic fluid separator and provided as a mixture to the separation vessel. The mixture is then guided through the tubular section towards the collecting tank while providing processing conditions such that solid carbon dioxide is formed. Finally, solidified carbon dioxide is extracted.

No. of Pages : 37 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/08/2009

(21) Application No.5259/DELNP/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BEARING STRUCTURE FOR CRANKSHAFT

(51) International classification

:F16C

(31) Priority Document No

:2007-055397

(32) Priority Date

:06/03/2007

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2008/054007

Filing Date

:06/03/2008

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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471-8571 Japan

(72)Name of Inventor :

1)NAKAMURE Kenji

(57) Abstract :

A bearing structure of a crankshaft is disclosed. The crankshaft is rotatably held by a lower cylinder block portion and a bearing cap arranged below the lower cylinder block portion. Stress relaxation grooves extending along the axis of the crankshaft are formed in upper portions of opposite sides of the bearing cap.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.5594/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DECELERATOR COMPRISING DECELERATION TANK AND EXTRACTION CONVEYOR

(51) International classification	:A01D 57/00
(31) Priority Document No	:61/145,899
(32) Priority Date	:20/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/021412 :19/01/2010
(87) International Publication No	:WO 2010/085450
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :C/O MONTAGE MANAGEMENT LLC, ATTN.: VINCENT E. BRYAN III, CHIEF EXECUTIVE OFFICER 8015 SE 28TH STREET, SUITE 200, MERCER ISLAND, WA 98040, U.S.A.

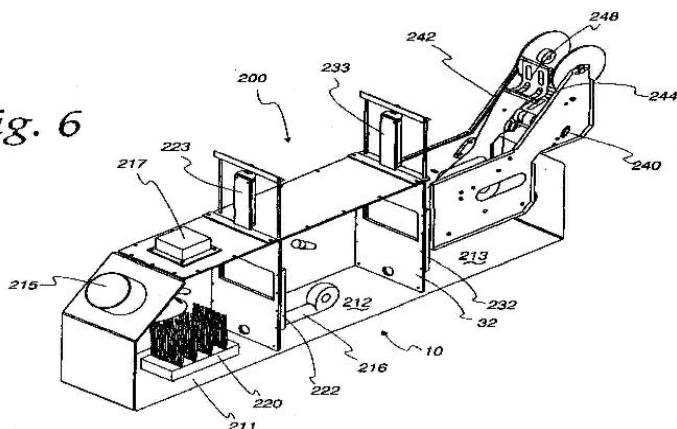
(72)Name of Inventor :

- 1)BRYAN, VINCENT, E.
- 2)KUNZLER, ALEX, E.
- 3)ALLARD, RANDY
- 4)KUNZLER, PETE
- 5)FINAZZO, ANTHONY
- 6)ALLARD, POLY
- 7)BOMMARITO, MARC
- 8)BRYAN, VINCENT, E.

(57) Abstract :

A decelerator comprising a deceleration tank and an extraction conveyor is disclosed. The decelerator is adapted for use with apples or similar objects. These objects are delivered to the tank from a pneumatic tube transport system. The tank contains a quantity of liquid such as water. In one embodiment, the objects splash into the water and are extracted from the water by an extraction conveyor. In a second embodiment, a baffle gate divides the tank between a forward section and a rear section. The delivered objects splash into the water in the forward section, travel under the baffle gate, and are extracted from the water by an extraction conveyor in communication with the rear tank section. In another embodiment, the tank is divided into first, second and third sections by selectively appeasable gate which provides an air lock arrangement. The extraction conveyor can comprise a plurality of side belts and a plurality of foraminous, flexible cradles hung between the belts.

Fig. 6



No. of Pages : 24 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4800/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APOPTOSIS-INDUCING AGENTS FOR THE TREATMENT OF CANCER AND IMMUNE AND AUTOIMMUNE DISEASES

(51) International classification	:C07D 209/08
(31) Priority Document No	:61/145,627
(32) Priority Date	:19/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/021243 :15/01/2010
(87) International Publication No	:WO 2010/083441
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)KUNZER AARON R.

5)SONG XIAOHONG

6)SOUERS ANDREW J.

7)SULLIVAN GERARD M.

8)TAO ZHI-FU

9)WENDT MICHAEL D.

(57) Abstract :

Disclosed are compounds which inhibit the activity of anti-apoptotic Bcl-2 proteins, compositions containing the compounds and methods of treating diseases during which is expressed anti-apoptotic Bcl-2 protein.

No. of Pages : 188 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/08/2010

(21) Application No.5581/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PESTICIDE COMPOSITION COMPRISING A TETRAZOLYLOXIME DERIVATIVE AND A FUNGICIDE OR AN INSECTICIDE ACTIVE SUBSTANCE

(51) International classification	:A01N
(31) Priority Document No	:08356006.0
(32) Priority Date	:15/01/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/050347
Filing Date	:14/01/2009
(87) International Publication No	:WO 2009/090181
(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)BAYER CROPSCIENCE AG

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(72)**Name of Inventor :**

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2)MARIE-CLAIRES GROSJEAN-COURNOYER

3)PIERRE HUTIN

4)GILBERT SPICA

5)ARND VOERSTE

6)ULRIKE WACHENDORFF-NEUMANN

(57) Abstract :

The present invention relates to a pesticide composition intended for protecting plants, crops or seeds against fungal diseases or insect damages, and the corresponding methods of protection by application of the said composition. More precisely, the subject of the present invention is a pesticide composition based on a tetrazolylloxime derivative and a fungicide or an insecticide active substance or compound.

No. of Pages : 73 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.5581/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISTRIBUTED PRIORITIZED CONTENTION FOR SPECTRUM SHARING

(51) International classification	:H04L 5/00
(31) Priority Document No	:61/148,968
(32) Priority Date	:01/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022681
Filing Date	:31/01/2010
(87) International Publication No	:WO 2010/088578
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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DIEGO, CALIFORNIA 92121-1714, U.S.A.

(72)Name of Inventor :

1)AHMED K. SADEK

2)STEPHEN J. SHELLHAMMER

(57) Abstract :

Techniques for use in contending for a portion of a television channel spectrum are disclosed. In some instances, a back-off value is used to decide whether a contender's contention number will be transmitted when the contention channel is free, and the back-off value is determined based on the contention number. In some instances, a contender monitors the contention channel and withdraws from contention if it detects from the contention channel that a higher priority contender is in contention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.5582/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONDUIT BRACKETRY, SYSTEMS AND METHODS

(51) International classification	:F16L 3/223
(31) Priority Document No	:12/322,690
(32) Priority Date	:04/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/00309
Filing Date	:03/02/2010
(87) International Publication No	:WO /2010/090739
(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 GATES CORPORATION

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(72)**Name of Inventor :**

1)LAYNE RAILSBACK

2)WALKER BOLGER

3)DONALD R. GILBREATH

4)JEFFREY DAVID PAYNE

(57) Abstract :

A bracket stores and separates conduits. The bracket includes two interchangeable halves (102) having an engagement extrusion (104) extending from an inner face. Each half has a corresponding receptive slot (108) disposed in the inner face. The bracket half includes at least one conduit receptive channel (110) defined in the inner face. The halves align and engage when each half's extrusion is inserted into the other half's slot. The channels align to secure a conduit therein. The engagement portions may comprise a dovetail (204) and socket (208) engagement. At least two stages of securement are provided. Securement may comprise snap fit, sliding or other methods. A first, temporary stage of engagement initially joins the halves, adjustably and releasably retaining the halves and the conduits together. The second and subsequent stages of engagement are tighter engagements between the tail and socket, achieved by applying more pressing force to the halves or inserting a fastener.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.5585/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EXTRUSION PRESS DEVICE

(51) International classification	:B21C 27/00
(31) Priority Document No	:2009-043249
(32) Priority Date	:26/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051456
Filing Date	:27/01/2010
(87) International Publication No	:WO 2010/098180
(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)UBE MACHINERY CORPORATION, LTD.

Address of Applicant :1980, AZA OKINOYAMA, OAZA KOGUSHI, UBE-SHI, YAMAGUCHI 7558633, Japan

(72)Name of Inventor :

1)TAKEHARU TAMAMOTO

(57) Abstract :

An object of the present invention is to provide an extrusion press device that improves productivity of extruded products, of excellent quality even if a direct type billet loader is used and at the same time, which improves space productivity by minimizing the installation space of; the facility. A two-split seal block is enabled, when closed, to come into close contact with an abutment surface of the seal block and an outer circumferential surface of an extrusion stem or fix dummy block via a seal member pasted to the abutment surface of the seal block and a seal member provided on an inner circumferential surface of the seal block and a pressing means capable of pressing and causing a seal member provided on a container side end surface of the seal block against and to come into close contact with a stem side end surface of the container is provided movably in the extrusion direction, and the seal block is provided so as to be capable of opening and closing by rocking in a direction crossing the axial direction of the extrusion stem and at the same time, the seal block is provided so as to be capable of moving in the direction crossing the axial direction of the extrusion stem in an open state.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3926/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DE-ENTRAINMENT DEVICE

(51) International classification	:B01J 10/00
(31) Priority Document No	:61/141,754
(32) Priority Date	:31/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060139
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/077410
(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)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O. BOX 5017, DES PLAINES, ILLINOIS 60017-5017, U.S.A.

(72)Name of Inventor :

1)XU, ZHANPING

(57) Abstract :

De-entrainment devices for effectively removing entrained liquid from a vapor stream are disclosed. These de-entrainment devices are effective in distillation columns and other apparatuses comprising vapor-liquid contacting devices. Particular representative applications for these de-entrainment devices are in distillation (or fractionation) columns having co-current contacting modules, in which liquid and vapor enter into co-current flow channels of the modules. The de-entrainment devices can be used, for example, with non-parallel contacting stages or other types of high capacity trays.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4059/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CYCLE SLIP LOCATION AND CORRECTION

(51) International classification	:H04B 10/18
(31) Priority Document No	:12/326,933
(32) Priority Date	:03/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001604
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/063092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Luxembourg

(72)**Name of Inventor :**

1)HARLEY, JANES

2)ROBERTS, KIM B

3)SUN, HAN

(57) Abstract :

Methods and techniques are disclosed for correcting the effect of cycle slips in a coherent communications system A signal comprising SYNC bursts having a predetermined periodicity and a plurality of known symbols at predetermined locations between successive SYNC bursts is received The received signal is partitioned into data blocks Each data block encompasses at least data symbols and a set of check symbols corresponding to the plurality of known symbols at predetermined locations between a respective pair of successive SYNC bursts in the signal Each data block is processed to detect a cycle slip When a cycle slip is detected, the set of check symbols of the data block are examined to identify a first slipped check symbol, and a phase correction applied to data symbols of the data block lying between the first slipped check symbol and an end of the data block.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4060/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OMEGA-9 QUALITY BRASSICA JUNCEA

(51) International classification	:A01H 1/04
(31) Priority Document No	:61/198,422
(32) Priority Date	:04/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005968
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/053541
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)VAN LEONARD RIPLEY

2)STEVEN ARNOLD THOMPSON

3)ZOE CHRISTINA EHLERT

(57) Abstract :

The invention relates to improved Brassica species, including Brassica juncea, improved oil and meal from Brassica juncea, methods for generation of such improved Brassica species, and methods for selection of Brassica lines. Further embodiments relate to seeds of Brassica juncea comprising an endogenous oil having increased oleic acid content and decreased linolenic acid content relative to presently existing commercial cultivars of Brassica juncea, seeds of Brassica juncea having traits for increased oleic acid content and decreased linolenic acid content in seed oil stably incorporated therein, and one or more generations of progeny plants produced from said seeds.

No. of Pages : 107 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4697/DELNP/2011 A

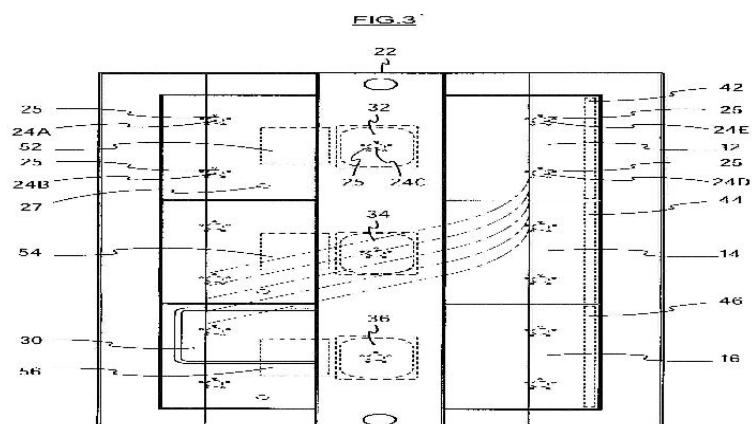
(43) Publication Date : 27/09/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING VORICONAZOLE AND PROCESSES FOR PREPARATION THEREOF

(51) International classification	:A61K 31/506	(71)Name of Applicant :
(31) Priority Document No	:200810192985.7	1)NANJING CAVENDISH BIO-ENGINEERING TECHNOLOGY CO., LTD.
(32) Priority Date	:31/12/2008	Address of Applicant :NO.6 MAIYUE ROAD, MAIGAQIAO PIONEERING PARK, QIXIA NANJING, JIANGSU 210028,P.R. CHINA
(33) Name of priority country	:China	2)XU, YONGXIANG
(86) International Application No	:PCT/CN2009/076328	(72)Name of Inventor :
Filing Date	:31/12/2009	1)XU, YONXIANG
(87) International Publication No	:WO 2010/075801	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a pharmaceutical formulation comprising voriconazole or a pharmaceutically acceptable derivative thereof, and an excipient of formula (I), i.e., monomethoxy poly(ethylene glycol)-poly(D,L-lactic acid) block copolymers (mPEG-PDLLA). The pharmaceutical formulation of the present invention has been shown to be stable and safe by experiments.



No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.5600/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COAXIAL INVERSION CORELESS GENERATOR

(51) International classification	:H02K 7/10	(71)Name of Applicant :
(31) Priority Document No	:2008-329144	1)NOAI CO. LTD.
(32) Priority Date	:28/12/2008	Address of Applicant :66-1, OYAMATU NIIGATA-SHI
(33) Name of priority country	:Japan	NIIGATA 950-0952 Japan
(86) International Application No	:PCT/JP2009/054254	(72)Name of Inventor :
Filing Date	:06/03/2009	1)AKIO HARA
(87) International Publication No	:WO 2010/073743	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a space-saving coaxial inversion coreless generator of a simple structure wherein a high output can be obtained by utilizing the rotational force of a wind turbine, for example. The coaxial inversion coreless generator (1) comprises a generator shaft (13) supported fixedly, an outer rotor (12) with a magnet (24) supported rotatably by the generator shaft (13) and driven by wind force, a coreless coil body (14) that is housed in the outer rotor (12) coaxially therewith while being supported rotatably by the generator shaft (13) and is provided with a coil portion (41) arranged in association with the magnet (24), and a reversing gear (51) supported by the generator shaft (13) and rotating the coreless coil body (14) reversely according to rotation of the outer rotor (12) by interlocking with circular gears (26, 45) arranged both in the outer rotor (12) and the coreless coil body (14)circularly, whereby the generator is constituted to take out a power generation output according to an increase in relative speed between the magnet (24) and the coil portion (41) caused by reverse rotations of the outer rotor (12) and the coreless coil body (14). (Fig 2)

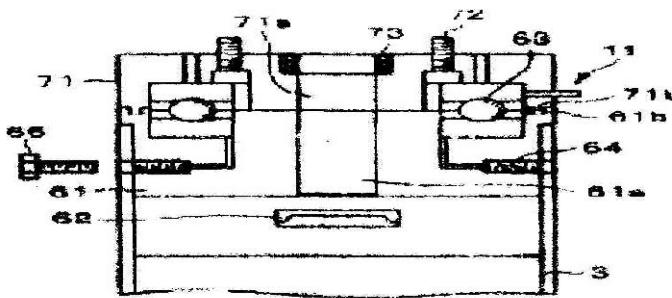


Figure 2

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.5343/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOW-PROFILE REDUCED PRESSURE TREATMENT SYSTEM

(51) International classification	:A61M
(31) Priority Document No	:12/006,566
(32) Priority Date	:03/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/088635
Filing Date	:31/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WILKES Robert Peyton

(57) Abstract :

A low-profile reduced pressure treatment apparatus and system are provided. The apparatus includes a moldable conduit holder, a conduit through the conduit holder, and a flexible base. The conduit holder has first and second bulkhead surfaces, a convex top surface, and a bottom surface adapted to conform to a tissue contact region adjacent to a tissue site. An end of the conduit is substantially flush with the first bulkhead surface and a longitudinal axis of the conduit is substantially perpendicular to the first and second bulkhead surfaces. The base is connected on a first side to the bottom surface of the conduit holder, and extends beyond the first bulkhead surface to form an overlay zone adjacent the first bulkhead surface. An adhesive is disposed on a second side of the flexible base to secure the flexible base to the tissue contact region.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.5344/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED METHOD AND APPARATUS FOR DETERMINATION OF A MEASURE OF A GLYCATION END-PRODUCT OR DISEASE STATE USING TISSUE FLUORESCENCE

(51) International classification	:A61B
(31) Priority Document No	:11/964,675
(32) Priority Date	:26/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/088353
Filing Date	:26/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JOHNSON Robert D.

2)EDIGER Marwood Neal

3)MAYNARD John D.

(57) Abstract :

Embodiments of the present invention provide an apparatus suitable for determining properties of in vivo tissue from spectral information collected from the tissue. An illumination system provides light at a plurality of broadband ranges, which are communicated to an optical probe. The optical probe receives light from the illumination system and transmits it to in vivo tissue, and receives light diffusely reflected in response to the broadband light, emitted from the in vivo tissue by fluorescence thereof in response to the broadband light, or a combination thereof. The optical probe communicates the light to a spectrograph which produces a signal representative of the spectral properties of the light. An analysis system determines a property of the in vivo tissue from the spectral properties. A calibration device mounts such that it is periodically in optical communication with the optical probe..

No. of Pages : 90 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.5615/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIQUID DISPENSERS

(51) International classification	:B65D 47/28
(31) Priority Document No	:0900559.6
(32) Priority Date	:14/01/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000036
Filing Date	:11/01/2010
(87) International Publication No	:WO 2010/082017
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SMITH, MATTHEW, ERIC

2)MONDSZEIN, KARL

(57) Abstract :

A liquid dispenser of resealable type includes an outer tube (22) with a discharge opening (28) formed in it and an inner tube (20), which is partially accommodated within the outer tube (22) and defines with it an annular space. The outer tube is connected in a sealed manner to a one-piece connection member (2), which defines an inlet space, for connection to a liquid container. One end of the inner tube (20) is closed and the outer tube (22) is integrally connected to the inner tube (20) by a flexible integral web (24), whose width in the radial direction is greater than that of the annular space. A liquid flow opening (30) is formed in the wall of the inner tube (20) and the inner tube (20) is movable longitudinally within the outer tube (22) between an open position, in which the inlet space communicates with the discharge opening (28), and a closed position, in which the inlet space does not communicate with the discharge opening (28). The connection member (2) includes an integral tubular portion (10), of which one end is closed and the other end communicates with the inlet space. A liquid flow opening (12) is formed in the tubular portion (10) and the outer surface of the tubular portion (10) is in sliding sealed contact with the inner surface of the inner tube (20), whereby the two flow openings (12, 30) are at least partially in registry in the open position and are out of registry in the closed position.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3823/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SINGLE STEP CATALYTIC PHASE HYDROCONVERSION OF DCPD INTO HIGH ENERGY DENSITY FUEL EXO-THDCPD

(51) International classification	:G05C	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present inventors has discovered that, hydrogenation and isomerisation reaction of DCPD over gold supported silica-alumina catalyst convert it into exo-THDCPD with higher selectivity and better conversion through a single step reaction. Specifically, the present inventors have confirmed the optimum temperature (130°C) and pressure (30 bar) for above said reaction of DCPD. Reusability of the catalyst is also confirmed by the inventors by repeating the reaction Catalysts after 5th reaction run

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3931/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPTICAL BEAM STEERING

(51) International classification	:G02F 1/295	(71) Name of Applicant :
(31) Priority Document No	:0820867.0	1)CAMBRIDGE ENTERPRISE LIMITED
(32) Priority Date	:14/11/2008	Address of Applicant :CAMBRIDGE ENTERPRISE,UNIVERSITY OF CAMBRIDGE, 10
(33) Name of priority country	:U.K.	TRUMPINGTON STREET, CAMBRIDGE
(86) International Application No	:PCT/GB2009/051537	CAMBRIDGESHIRE CB2 1QA, UNITED KINGDOM; U.K.
Filing Date	:13/11/2009	(72) Name of Inventor :
(87) International Publication No	:WO 2010/055351	1)COLLINGS, NEIL
(61) Patent of Addition to Application Number	:NA	2)CROSSLAND, WILLIAM
Filing Date	:NA	3)REDMOND, MAURA MICHELLE
(62) Divisional to Application Number	:NA	4)NUGENT, DAVID
Filing Date	:NA	5)ROBERTSON, BRIAN

(57) Abstract :

This invention generally relates to an optical beam steering apparatus and a method of manufacturing an optical beam steering apparatus, and more particularly to an optical add drop multiplexer (OADM) such as a reconfigurable OADM (ROADM) comprising the optical beam steering apparatus. In one embodiment, the apparatus comprises a slab and a plurality of optical elements in or on a first surface of said slab, the plurality of optical elements including at least one liquid crystal on silicon element, the apparatus being arranged such that at least one optical beam can propagate freely in the slab from one of said plurality of optical elements to another one of said plurality of optical elements via a reflection from a second surface of the optical beam steering apparatus.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4430/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CATALYSED CYCLOHEXANE OXIDATION

(51) International classification	:C07C 45/33
(31) Priority Document No	:08171946.0
(32) Priority Date	:17/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/066919
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/069870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAGUENET, CORINNE

2)PARTON, RUDY FRANCOIS MARIA JOZEF

3)TINGE, JOHAN THOMAS

(57) Abstract :

The invention is directed to a method for preparing a mixture comprising cyclohexanol and cyclohexanone. In accordance with the invention a mixture comprising cyclohexanol and cyclohexanone is prepared in a molar cyclohexanone/cyclohexanol ratio of at least 1.2 at a cyclohexane conversion of below 5 mol%. The method comprises oxidising cyclohexane in a liquid phase, said oxidising being catalysed by a cobalt compound and a chromium compound, wherein the atomic cobalt to chromium ratio is in the range of 0.05-0.8, wherein the sum of the concentrations of cobalt and chromium is 0.05-0.9 ppm by weight based on the total weight of the reaction mixture, and wherein the cobalt compound and chromium compound are dissolved in the liquid phase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4433/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEMI-RIGID PARTIALLY COLLAPSIBLE BOTTLES

(51) International classification	:A61J 1/14
(31) Priority Document No	:61/139,021
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066978
Filing Date	:07/12/2009
(87) International Publication No	:WO 2010/080280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LINDBERG, BJORN JOAKIM

3)TERESI, JAMES SCOTT

4)RIGARDO, ANDREA

(57) Abstract :

Partially collapsible bottles (10) for providing nutritional compositions and other fluids and methods of using the partially collapsible bottles are provided. In a general embodiment, the present disclosure provides a bottle (10) having a rigid wall (20), and a semi-rigid wall (30). The semi-rigid wall (30) is constructed and arranged to conform to an inner side of the rigid wall (20) in a collapsed form. The bottle (10) can be sized to hold any suitable volume such as, for example, from about 100 to 5000 mL.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2010

(21) Application No.5732/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A 1-ARYL-3-CYANO-5-PYRIDYLALKYLAMINOPYRAZOLE COMPOUND

(51) International classification	:C07D
(31) Priority Document No	:2008-230238
(32) Priority Date	:31/07/2000
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP01/06549
Filing Date	:30/01/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4637/DELNP/2005
Filed on	:13/10/2005

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3)TOSHIKI FUKUCHI

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5)LIANGYOU HE,

6)AKIKO MIYAUCHI,

(57) Abstract :

The present invention relates to a 1-aryl-3-cyano-5-pyridylalkylaminopyrazole compound consisting of: 1-(2,6-dichloro-4-trifluoromethylphenyl)-4-fluoromethylthio-5(pyridine-4-ylmethylamino)pyrazole-3 -carbonitrile, 1-(2,6-dichloro-4-trifluoromethylphenyl)-4-difluoromethylthio-5-(pyridine-2-ylmethylamino)pyrazole-3 -carbonitrile 1-(2,6-dichloro-4-trifluoromethylphenyl)-4-difluoromethylthio-5-(pyridine-4-ylmethylamino)pyrazole-3 -carbonitrile and 1-(2,6-dichloro-4-trifluoromethylphenyl)-4-(2,2,2-trifluoroethylthio-5-(pyridin-4-ylmethylamino)pyrazole-3-carbonitrile.

No. of Pages : 75 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.5548/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPEN LOOP GAS BURNER□

(51) International classification	:F23D
(31) Priority Document No	:61/011,520
(32) Priority Date	:18/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/031328
Filing Date	:16/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)Roberto NEVAREZ

2)Douglas S JONES

(57) Abstract :

A gas burner has an air-gas mixture distribution section with an open loop geometry and a plurality of sides. The air-gas mixture distribution section has a top heating surface and a plurality of ports are disposed on the top heating surface. An inlet is disposed on one of the plurality of sides of the air-gas mixture distribution section and a distribution diffuser is mounted inside the air-gas mixture distribution section.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5548/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REAR PROJECTION SYSTEM, METHOD FOR PRODUCTION AND APPLICATION

(51) International classification	:G03B 21/62
(31) Priority Document No	:10 2009 005 273.9
(32) Priority Date	:20/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000324
Filing Date	:20/01/2010
(87) International Publication No	:WO 2010/083993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MITJA JELUSIC

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(57) Abstract :

The invention concerns a rear projection system in the form of a table consisting of at least one glass panel which has a diffusion coating containing hollow glass balls, whereas the hollow glass balls are arranged in a transparent or translucent binder matrix on the lower or upper surface of the glass panel and is illuminated from below with at least one projector having a projection field and that at least one projection image can be viewed by an observer at an observation angle of at least 176 degrees. The second embodiment involves a rear projection system in the form of a curved, two-dimensionally shaped glass panel having a diffusion coating containing hollow glass balls.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5767/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOCK AND BINARY KEY THEREFOR

(51) International classification	:E05B 19/00
(31) Priority Document No	:0900050-6
(32) Priority Date	:19/01/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050047
Filing Date	:19/01/2010
(87) International Publication No	:WO 2010/085205
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ADOLFSSON, BERNT

(57) Abstract :

The invention relates to an arrangement for a lock, comprising a stator, a rotor, which is rotatably arranged in the stator, and a set of elements arranged in said rotor for cooperating with the stator, which elements each have an opening and which elements are arranged successively in the longitudinal direction of the rotor and the openings of which together form a through hole for receiving a key, each of said elements (3, 4, 18, 40) being readjustably arranged, independently of each others, between a state which upon actuation is blocking and a state which upon the same actuation is releasing. The invention further concerns a key, which has a body along which a plurality of projections are arranged, said plurality of projections all being arranged in a common plane and said plurality of projections (12) all having the same height and defining together the profile of the key.

No. of Pages : 58 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5769/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 'METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK

(51) International classification	:D21C 7/06
(31) Priority Document No	:2,650,913
(32) Priority Date	:23/01/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/000088
Filing Date	:21/01/2010
(87) International Publication No	:WO 2010/083601
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BURKE, MURRAY J.;

2)HILLIER, SUNALIE N.

(57) Abstract :

A method and apparatus for conveying a cellulosic feedstock are disclosed. The apparatus, such as a holding tank, has a passage. At the outlet to the passage, a conveyance member is provided to convey the cellulosic feedstock laterally across the outlet. The conveyance member, e.g., at least one screw conveyor, may have a variable pitch along its length. The method comprises passing the cellulosic feedstock through an impregnation chamber to an outlet of the impregnation chamber; passing the cellulosic feedstock from the outlet of the impregnation chamber to an inlet of a holding tank; passing the cellulosic feedstock downwardly through the holding tank; maintaining a generally constant residence time in the holding tank; and subsequently subjecting the cellulosic feedstock to a hydrolysis process.

No. of Pages : 42 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5770/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RESTRICTING FLOW THROUGH THE WALL OF A LUMEN

(51) International classification	:A61F 2/82
(31) Priority Document No	:61/205,683
(32) Priority Date	:22/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000159
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/085344
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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8)NGUYEN, TUAN, ANH

(57) Abstract :

An expandable substantially spherical structure for deployment In a blood vessel or other body lumen, comprising: an open frame formed out of a closed loop of filament and configured to assume (i) a collapsed configuration in the form of a substantially two-dimensional elongated loop structure so as to facilitate insertion into the blood vessel or other body lumen, and (ii) an expanded configuration in the form of a three-dimensional substantially spherical structure so as to facilitate retention at a site in the blood vessel or other body lumen; and a flow-restricting face carried by the open frame; wherein the open frame is configured so as to permit substantially normal flow therethrough when the open frame is in its expanded configuration, and further wherein the flow-restricting face is configured so as to restrict flow therethrough.

No. of Pages : 154 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.4736/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR BRINGING TORQUE REGULATION BACK FROM A LIMITED STATE TO AN UNLIMITED STATE

(51) International classification	:B60W 30/18
(31) Priority Document No	:0802475-4
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE09/051324
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/062246
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ANDERS KJELL

(57) Abstract :

The invention relates to a method for bringing the regulation of the engine's torque, in a vehicle which has an automatic clutch and in which the vehicle's control system automatically limits the engine torque requested (Mb) by the driver during a clutch engagement process, back from a state in which torque limitation is applied to a state in which the torque limitation decreases and totally ceases after the clutch engagement process has been completed. The invention is achieved by gradually bringing control back from torque limitation regulated by the engine control unit (8) to torque directly acted upon by the driver and the accelerator pedal (4) based on the difference between current values for engine torque requested (Mb) and limited engine torque (Ma) and on current accelerator pedal position (Tp) . (Figure 2)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5570/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSPORT FORMAT COMBINATION SELECTION IN A WIRELESS TRANSMIT/RECEIVE UNIT

(51) International classification	:H04B 7/212
(31) Priority Document No	:60/535,426
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/000571 :07/01/2005
(87) International Publication No	:WO 2005/067659
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:4473/DELNP/2006 :02/08/2006

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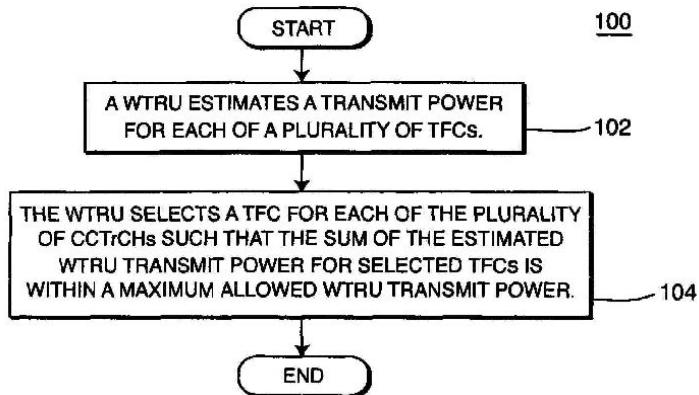
1)ZHANG, GUODONG

2)TERRY, STEPHEN, E

3)DICK, STEPHEN, G

(57) Abstract :

A method for selecting a transport format combination (TFC) in a wireless transmit/receive unit (WTRU) is disclosed. The WTRU is configured to process more than one coded composite transport channel (CCTrCH) for uplink transmission. The WTRU estimates a transmit power for each of a plurality of available TFCs and selects a TFC for each CCTrCH such that the sum of the estimated WTRU transmit power for selected TFCs is within a maximum WTRU transmit power.



No. of Pages : 18 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5785/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAES PLANT USING HUMIDIFIED AIR IN THE BOTTOM CYCLE EXPANDER

(51) International classification	:F02C 6/16
(31) Priority Document No	:12/320,403
(32) Priority Date	:26/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048080
Filing Date	:22/06/2009
(87) International Publication No	:WO 2010/085272
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MICHAEL NAKHAMKIN

(57) Abstract :

A power generation system includes a combustion turbine assembly (11) having a main compressor (12) receiving ambient inlet air, a main expansion turbine (14), a main combustor (16), and an electric generator (15) for generating electric power. An air storage (18') has a volume for storing compressed air. A source of humidity (23, 34, 42) humidifies the compressed air that exits the air storage and thus provides humidified compressed air. A heat exchanger (24) receives a source of heat and the humidified compressed air so as to heat the humidified compressed air. A air expander (30) expands the heated, humidified compressed air to exhausted atmospheric pressure for producing additional power, and permits a portion of airflow expanded by the air expander to be injected into the combustion turbine assembly for power augmentation. An electric generator (31) is associated with the air expander for producing additional electrical power. The compressed air humidification reduces the compressed air storage volume for the same stored/generated energy.

No. of Pages : 20 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5786/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS RESISTANT TO ABUSE

(51) International classification	:A61K 9/28
(31) Priority Document No	:PA 2009 00192
(32) Priority Date	:06/02/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000019
Filing Date	:05/02/2010
(87) International Publication No	:WO 2010/088911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)MARTIN REX OLSEN

6)ANNE-METTE HAAHR

7)JAKOB AAS HOJLUND-JENSEN

8)PERNILLE KRISTINE HOYROP HEMMINGSEN

(57) Abstract :

A pharmaceutical composition and a shell for a pharmaceutical composition, the shell comprising an outer shell wall having an inner surface and extending from a first end to a second end, the outer shell wall having an opening at the first end and a maximum thickness of at least 1.0 mm, the shell having a length in the range from 4 mm to 20 mm. The pharmaceutical composition may comprise a matrix composition in a cavity of the shell. Further disclosed is a method for testing abuse-resistance of pharmaceutical compositions

No. of Pages : 136 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5788/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESSES FOR COATING A CARRIER WITH MICROPARTICLES

(51) International classification	:A61K 9/16
(31) Priority Document No	:61/147,287
(32) Priority Date	:26/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022045
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/085780
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)ABED MASARWA

4)AKPER SADYKHOV

(57) Abstract :

Processes for coating a carrier with microparticles of a drug are described. For example, a coated canier can be obtained in a one-stage process that entails evaporating a solvent from microdroplets of a solution containing an API to obtain dry microparticles, which are then coated on the carrier.

No. of Pages : 13 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4759/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ORGANIC COMPOUND

(51) International classification	:A01N 43/90
(31) Priority Document No	:61/120,443
(32) Priority Date	:06/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/006437
Filing Date	:07/12/2009
(87) International Publication No	:WO 2010/065147
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Optionally substituted (5- or 7-amino)-3,4-dihydro-(optionally 4-oxo, 4-thioxo or 4-imino)-1H-pyrrolo[3,4-d]pyrimidin-2(6H)-ones, Compounds of Formula I, processes for their production, their use as pharmaceuticals and pharmaceutical compositions comprising them.

No. of Pages : 132 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.5567/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSPORT FORMAT COMBINATION SELECTION IN A WIRELESS TRANSMIT/RECEIVE UNIT

(51) International classification	:H04B 7/212
(31) Priority Document No	:60/535,426
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/000571 :07/01/2005
(87) International Publication No	:WO 2005/067659
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:4473/DELNP/2006 :02/08/2006

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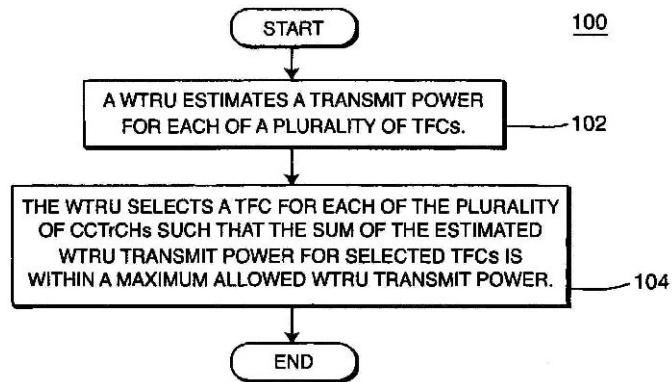
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3)DICK, STEPHEN, G

(57) Abstract :

A method for selecting a transport format combination (TFC) in a wireless transmit/receive unit (WTRU) is disclosed. The WTRU is configured to process more than one coded composite transport channel (CCTrCH) for uplink transmission. The WTRU estimates a transmit power for each of a plurality of available TFCs and selects a TFC for each CCTrCH such that the sum of the estimated WTRU transmit power for selected TFCs is within a maximum WTRU transmit power.



No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/07/2011

(21) Application No.5681/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS OF PURIFYING SMALL MODULAR IMMUNOPHARMACEUTICAL PROTEINS

(51) International classification	:C07K 1/18
(31) Priority Document No	:61/159,347
(32) Priority Date	:11/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026931
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/147686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)CORMIER JASON
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6)NOYES AARON**

(57) Abstract :

The present invention provides, among other things, methods of purifying or recovering proteins, in particular, small modular immunopharmaceutical (SMIPs,) proteins, from protein preparations containing high molecular weight (HMW) aggregates and other impurities based on hydroxyapatite chromatography. In some embodiments, the hydroxyapatite chromatography is used in combination with affinity chromatography and/or ion exchange chromatography. In some embodiments, inventive methods according to the invention involve no more than three chromatography steps. The present invention also provides proteins such as SMIPs,, purified according to the invention and pharmaceutical compositions containing the same.

No. of Pages : 192 No. of Claims : 102

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/07/2011

(21) Application No.5682/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR THE EXTRACORPOREAL TREATMENT OF BLOOD

(51) International classification	:A61M 1/16
(31) Priority Document No	:09001890.4
(32) Priority Date	:11/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/000737
Filing Date	:05/02/2010
(87) International Publication No	:WO 2010/091826
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)AHRENS JORN

(57) Abstract :

The invention relates to an apparatus for the extracorporeal treatment of blood, comprising a dialyzer (10) which is separated into a first and second chamber by a semipermeable membrane (11), wherein the first chamber (12) is disposed in a dialysis fluid path and the second chamber (13) can be connected to the blood circulation of a patient (1) by way of a blood inflow conduit (14) and a blood outflow conduit (15), a feed (20) for fresh dialysis fluid, a discharge (30) for spent dialysis fluid, a measuring device (40) disposed within the discharge (30) for determining the absorption of the spent dialysis fluid flowing through the discharge (30), wherein the measuring device (40) has at least one radiation source (41) for substantially monochromatic electromagnetic radiation, and a detector system (42) for detecting the intensity of the electromagnetic radiation, wherein means (50) are provided to compensate for changes that occur in the intensity of the electromagnetic radiation of the radiation source (41) and/or the sensitivity of the detector system (42).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5797/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AMPLIFIER WITH ON-CHIP FILTER

(51) International classification	:H03H 7/01
(31) Priority Document No	:08254185.5
(32) Priority Date	:30/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/067988
Filing Date	:29/12/2009
(87) International Publication No	:WO 2010/076320
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JUSSILA, JARKKO

2)SIVONEN, PETE

3)VILHONEN, SAMI

4)RIEKKI, JONNE

5)KAUKOVUORI, JOUNI

(57) Abstract :

An integrated circuit for a radio receiver comprising a radio-frequency amplifier and a radio-frequency filter is described. The amplifier receives radio-frequency signals from an antenna, the filter is connected to the amplifier output, and the output of the filter is provided to a processing stage of the receiver. The amplifier comprises an amplifying stage controlled by a radio-frequency input signal and a signal fed back from the filter. The amplifier input impedance is substantially matched to the antenna impedance at a frequency band of interest. The signal fed back from the filter providing attenuation of signals outside the frequency band of interest at the amplifier input. The filter comprises one or more filter components. A filter component comprises a first input and a second input for receiving the amplifier output, a first switch arranged to selectively connect the first input to a first impedance, a second switch arranged to selectively connect the first input to a second impedance, a third switch arranged to selectively connect the second input to the first impedance, and a fourth switch arranged to selectively connect the second input to the second impedance. The first and fourth switches are controlled by a first oscillator signal and the second and third switches are controlled by a second oscillator signal that is 180° out of phase with the first oscillator signal.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.5588/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMBINATION OF AURORA KINASE INHIBITORS AND ANTI-CD20 ANTIBODIES

(51) International classification	:A61K 31/4745
(31) Priority Document No	:61/203,509
(32) Priority Date	:22/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/006560
Filing Date	:15/12/2009
(87) International Publication No	:WO 2010/074724
(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)MILLENNIUM PHARMACEUTICALS

Address of Applicant :40 LANDSDOWNE STREET,
CAMBRIDGE, MA 02139, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)MARK MANFREDI

(57) Abstract :

The present invention relates to methods for the treatment of hematological malignancies. In particular, the invention provides methods for treatment of hematological malignancies by administering Aurora kinase inhibitors in combination with anti-CD20 antibodies.

No. of Pages : 105 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5825/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OILING NOZZLE FOR THRUST BEARING

(51) International classification	:F16C 33/10
(31) Priority Document No	:2009-042656
(32) Priority Date	:25/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/070986
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/098003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YUICHIRO WAKI

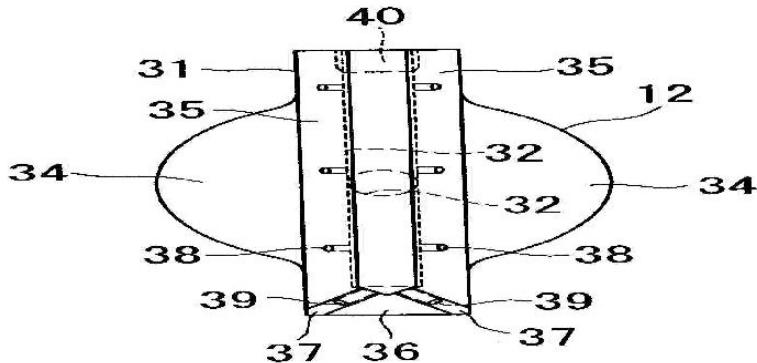
2)TAKAAKI KAIKOGI

3)TAKASHI NAKANO

(57) Abstract :

Provided is an oiling nozzle for a thrust bearing, capable of improving the following capability of pads, and achieving a higher bearing pressure of the thrust bearing. An oiling nozzle (12) which is for use in a thrust bearing and is respectively arranged between pads disposed in positions facing the thrust surface of a thrust collar that protrudes radially outward from a rotor shaft, along the circumferential direction, wherein the oiling nozzle comprises: a cylindrical stem; and a rectangular-shaped mainframe (31) whose heightwise middle portions of opposite lateral sides are provided with convex parts (34) each presenting a semicircular disk shape in a plane view, to be fitted into concave parts that are formed in lateral sides of the pads, and whose top portion located on the side opposite to the stem is formed with a plurality of nozzle holes (38 and 39) for ejecting lubricating oil that has been supplied from the bottom of the stem toward a space between the thrust collar and the pads. Figure 6

FIG. 6



No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/08/2010

(21) Application No.5826/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLAR CELL APPARATUS WITH HIGH HEAT-DISSIPATING EFFICIENCY

(51) International classification	:H01L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2008/000509
Filing Date	:14/03/2008
(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)NEOBULB TECHNOLOGIES, INC.

Address of Applicant :RM. 51, 5TH FL., BRITANNIA
HOUSE, JLN. CATOR, BS 8811, BANDAR SERI BEGAWAN,
BRUNEI DARUSSALAM Brunei Darussalam

(72)Name of Inventor :

1)CHEN, JEN-SHYAN

2)LIN, CHUNG-JEN

(57) Abstract :

The invention provides a solar cell apparatus with high heat-dissipating efficiency. The solar cell apparatus includes a heat-conducting device, a heat-dissipating device, and an energy-converting device. The heat-conducting device includes a flat portion and a contact portion. The heat-dissipating device contacts the contact portion and includes a plurality of fins. The energy-converting device is disposed on the flat portion and includes a semiconductor structure for converting light into electricity. In the operation of converting energy, heat absorbed by the semiconductor structure could be conducted through the flat portion to the heat-conducting device and the heat-dissipating device and then be dissipated from the fins. Thereby, it is avoided for the semiconductor structure to be over heated to influence the energy conversion efficiency.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5826/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SERVO CONTROL DEVICE

(51) International classification	:G05D 3/12
(31) Priority Document No	:2009-147730
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059871
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/150663
(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)MITSUBISHI HEAVY INDUSTRIES , LTD.

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(72)Name of Inventor :

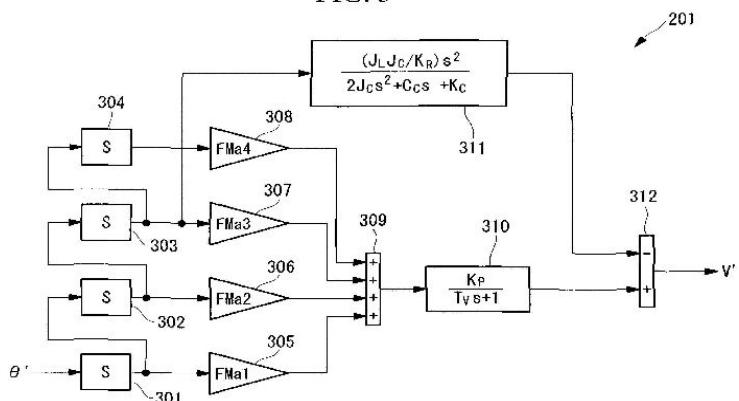
1)KATSUYOSHI TAKEUCHI

2)HIDEAKI YAMAMOTO

(57) Abstract :

Improved precision is realized in positioning control. Provided is a servo control device that is applied to a numerical control equipment provided with a screw-feeding section that converts rotational movement of a motor to linear movement, a driven section that is linearly moved by the screw-feeding section, and a support member by which the screw-feeding section and the driven section are supported and that controls the motor so as to match a position of the driven section to a positioning instruction, including a support-member-reaction-force compensating section 311 that compensates for vibrations of the driven section due to a vibrational reaction force of the support member, wherein a transfer function provided in the support-member-reaction-force compensating section 311 includes a stiffness term for the driven section. FIGURE 3

FIG. 3



No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5829/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BRAIDED OCCLUSION DEVICE HAVING REPEATING EXPANDED VOLUME SEGMENTS SEPARATED BY ARTICULATION SEGMENTS.

(51) International classification	:A61F 2/00
(31) Priority Document No	:12/346,073
(32) Priority Date	:30/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/0066964 :07/12/2009
(87) International Publication No	:WO 2010/077599
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)AGA MEDICAL CORPORATION

Address of Applicant :5050, NATHAN LANE NORTH,
PLYMOUTH, MN-55442, U.S.A.

(72)**Name of Inventor :**

1)QIAN, ZHONG

2)ADAMS, DANIEL, O

(57) Abstract :

Embodiments of the present invention are directed to occluder devices and methods for treating various target sites, such as the gonadal vein. For example, an occluder device according to one embodiment includes a tubular structure having proximal and distal ends and a preset, expanded configuration. The tubular structure is configured to be constrained to a reduced configuration for delivery to the target site and to at least partially return to the preset, expanded configuration within the target site when unconstrained. The preset, expanded configuration includes a plurality of expanded volume members and articulating members arranged in a repeating pattern with each articulating member coupling a pair of expanded volume members. In addition, at least one expanded volume member has a cross-sectional dimension that is larger than a cross-sectional dimension of a respective articulating member and that is at least as large as a cross-sectional dimension of the target site.

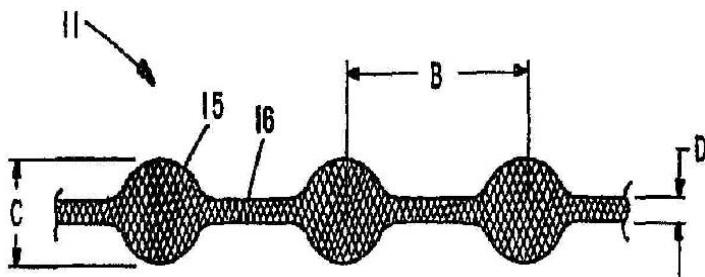


FIG. 2A

No. of Pages : 36 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.4278/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOUNDS FOR TREATING CANCER

(51) International classification	:C07D 235/06
(31) Priority Document No	:08253914.9
(32) Priority Date	:08/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2009/002848
Filing Date	:08/12/2009
(87) International Publication No	:WO 2010/067067
(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)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

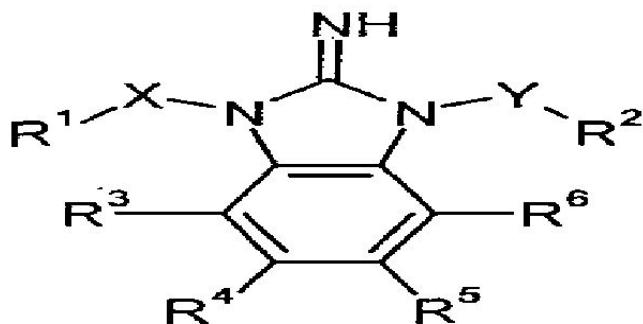
Address of Applicant :BINGER STRASSE 173, 55216 INGELHEIM AM RHEIN, Germany

(72)Name of Inventor :

1)STEPHEN PETER EAST
2)MARK WHITTAKER
3)OSAMU ICHIHARA
4)ADRIAN KOTEI KOTEY
5)SMANTHA JAYNE BAMFORD

(57) Abstract :

Compounds of general formula (I): wherein R1, R2, R3, R4, R5, R6, X and Y are as defined herein are inhibitors of Bcl-2 and are useful for treating diseases characterised by abnormal cell growth and/or dysregulated apoptosis.



(I)

No. of Pages : 101 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.4281/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTRAMAMMARY TEAT SEALANT

(51) International classification	:A61K 36/54
(31) Priority Document No	:61/119,763
(32) Priority Date	:04/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066594
Filing Date	:03/12/2009
(87) International Publication No	:WO 2010/065747
(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)MERIAL LIMITED

Address of Applicant :3239 SATELLITE BLVD., DULUTH, GA 30096 U.S.A.

(72)**Name of Inventor :**

1)RAZZAK, MAJID

2)HOLMES, ROBERT

3)JOHNSON, ALAN

4)GOSWAMI, JITENDRA

5)AWASTHI, ATUL

(57) Abstract :

The present invention relates to veterinary or pharmaceutical formulations comprising one or more plant oils and bismuth subnitrate and methods for their manufacture and uses. The formulations are useful as a teat sealant to prevent or treat mastitis in an animal.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4419/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PYRIDINE AND PYRIMIDINE DERIVATIVES AS PHOSPHODIESTERASE 10 INHIBITORS

		(71) Name of Applicant : 1)AMGEN INC. Address of Applicant :ONE AMGEN CENTER DRIVE, THOUSAND OAKS, CALIFORNIA 91320, U.S.A.
(51) International classification	:C07D 401/12	(72) Name of Inventor :
(31) Priority Document No	:61/114,595	1)ALLEN, JENNIFER R.
(32) Priority Date	:14/11/2008	2)BISWAS, KAUSTAV
(33) Name of priority country	:U.S.A.	3)CHAVEZ JR., FRANK
(86) International Application No	:PCT/US2009/064643	4)CHEN, NING
Filing Date	:16/11/2009	5)DEMORIN, FRENEL FILS
(87) International Publication No	:WO 2010/057126	6)FALSEY, JAMES R.
(61) Patent of Addition to Application Number	:NA	7)FROHN, MIKE
Filing Date	:NA	8)HARRINGTON, PAUL E.
(62) Divisional to Application Number	:NA	9)HORNE, DANIEL, B.
Filing Date	:NA	10)HU, ESSA
		11)KALLER, MATTHEW R.
		12)KUNZ, ROXANNE
		13)MONENSCHEIN, HOLGER
		14)NGUYEN, TOM
		15)PICKRELL, ALEX
		16)REICHELT, ANDREAS
		17)RUMFELT, SHANNON
		18)RZASA, ROB
		19)SHAM, KELVIN
		20)YAO, GUOMIN

(57) Abstract :

Pyridine and pyrimidine compounds, and compositions containing them, and processes for preparing such compounds. Provided herein also are methods of treating disorders or diseases treatable by inhibition of PDE10, such as obesity, non-insulin dependent diabetes, schizophrenia, bipolar disorder, obsessive-compulsive disorder, and the like.

No. of Pages : 394 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5834/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITES COMPRISING CARBON NANOTUBES ON FIBER

(51) International classification	:D06M 11/74
(31) Priority Document No	:61/153,143
(32) Priority Date	:17/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024490
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/144161
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)SHAH, TUSHAR, K.
2)PIETRAS, BRADLEY, W.
3)ADCOCK, DANIEL, JACOB
4)MALECKI, HARRY, C.
5)ALBERDING, MARK, R.

(57) Abstract :

A composite composition includes a plurality of carbon nanotube (CNT)-infused fibers dispersed in a matrix material. The amount of carbon nanotubes in the composition is in a range between about 0.1% percent by weight to about 60 percent by weight of the composite.

No. of Pages : 81 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5835/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CNT-INFUSED GLASS FIBER MATERIALS AND PROCESS THEREFOR

(51) International classification	:B32B 9/00
(31) Priority Document No	:61/155,935
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025658
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099487
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)SHAH, TUSHAR, K.
2)GARDNER, SLADE, H.
3)ALBERDING, MARK, R.
4)MALECKI, HARRY, C.

(57) Abstract :

A composition includes a carbon nanotube (CNT)-infused glass fiber material, which includes a glass fiber material of spoolable dimensions and carbon nanotubes (CNTs) bonded to it. The CNTs are uniform in length and distribution. A continuous CNT infusion process includes: (a) disposing a carbon-nanotube forming catalyst on a surface of a glass fiber material of spoolable dimensions; and (b) synthesizing carbon nanotubes on the glass fiber material, thereby forming a carbon nanotube-infused glass fiber material. The continuous CNT infusion process optionally includes extruding a glass fiber material from a glass melt or removing sizing material from a pre-fabricated glass fiber material.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5837/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EXTENDED RECOMBINANT POLYPEPTIDES AND COMPOSITIONS COMPRISING SAME

(51) International classification	:C07K 1/00
(31) Priority Document No	:61/149,669
(32) Priority Date	:03/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023106
Filing Date	:03/02/2010
(87) International Publication No	:WO 2010/091122
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

- 1)SCHELLENBERGER, VOLKER**
- 2)SIL VERMAN, JOSHUA**
- 3)WANG, CHIA-WEI**
- 4)SPINK, BENJAMIN**
- 5)STEMMER, WILLEM, P.**
- 6)GEETHING, NATHAN**
- 7)TO, WAYNE**
- 8)CLELAND, JEFFREY, L.**

(57) Abstract :

The present invention relates to compositions comprising biologically active proteins linked to extended recombinant polypeptide (XTEN), isolated nucleic acids encoding the compositions and vectors and host cells containing the same, and methods of using such compositions in treatment of glucose- related diseases, metabolic diseases, coagulation disorders, and growth hormone-related disorders and conditions.

No. of Pages : 496 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/08/2010

(21) Application No.5838/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OFFLINE CHARGING SYSTEM AND METHOD

(51) International classification	:H04L
(31) Priority Document No	:200810004714.4
(32) Priority Date	:23/01/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/070673
Filing Date	:03/04/2008
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)JIN, RENKANG
2)JIANG, ZHIHONG
3)ZHAN, YAJUN
4)MOU, JIANMING

(57) Abstract :

A system and a method for offline charging are provided. The method comprises: configuring a content charging gateway (5) in a packet data network (6); a packet data service node (1) analyzing offline charging users, and routing offline charging users packets to the content charging gateway (5); the content charging gateway (5) analyzing the offline charging packets, adopting the corresponding charging rules to charge according to the analyzed service types, and reporting the obtained charging information to an authentication, authorization and accounting server (3); the authentication, authorization and accounting server (3) generating the offline charging CDR(Call Detail Record) according to the information reported by the content charging gateway (5).

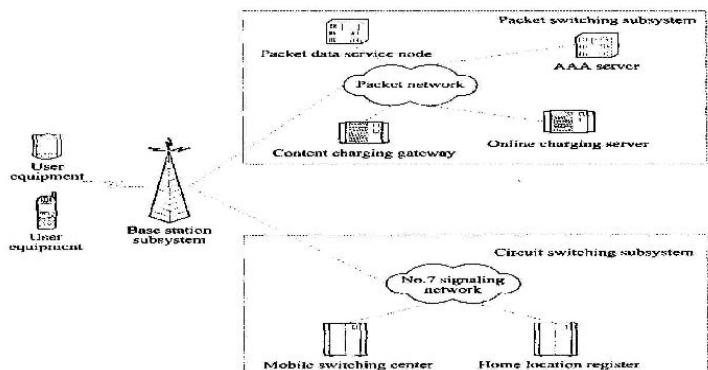


FIG. 2

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2010

(21) Application No.5693/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANUFACTURING HOLLOW REINFORCED CONCRETE MODULAR ELEMENTS AND ELEMENT OBTAINED THEREOF

(51) International classification	:B28B	(71) Name of Applicant :
(31) Priority Document No	:P200800263	1)COMPACT-HABIT, S.L.
(32) Priority Date	:01/02/2008	Address of Applicant :POL. IND. LA CORT, C.
(33) Name of priority country	:Spain	MARBUSCA, PARCEL LA 27, 08261 CARDONA, SPAIN
(86) International Application No	:PCT/IB2009/050376	(72) Name of Inventor :
Filing Date	:30/01/2009	1)JOSE TRAGANT RUANO
(87) International Publication No	:WO 2009/095884	2)MIGUEL MORTE MORALES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for manufacturing modular, hollow, prismatic, monolithic reinforced-concrete elements of rectangular section, which includes the stages of concreting their side walls in two horizontally arranged formwork structures, carrying out a rotation of said formwork structures so as to leave them arranged vertically on either side of a third formwork, with said third formwork horizontal, then concreting the floor slab, placing formwork between the side walls for concreting of the ceiling slab and withdrawing the modular element, so that a high degree of monolithism is achieved, a method in which all the concretings are carried out in the horizontal, and precise control is achieved over the measurements of the element obtained.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5803/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZEOTROPE-LIKE COMPOSITIONS OF PENTAFLUOROPROPANE,
CHLOROTRIFLUOROPROPENE, AND HYDROGEN FLUORIDE

(51) International classification	:C11D 7/50	(71) Name of Applicant :
(31) Priority Document No	:61/148,246	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:29/01/2009	Address of Applicant :101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US10/022053	1)RYAN HULSE
Filing Date	:26/01/2010	2)RAJIV RATNA SINGH
(87) International Publication No	:WO 2010/088196	3)HSUEH SUNG TUNG
(61) Patent of Addition to Application Number	:NA	4)IAN SHANKLAND
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a ternary azeotrope-like mixture consisting essentially of effective amounts of 1,1,1,3,3-pentafluoropropane, 1-chloro-3,3,3-trifluoropropene, and hydrogen fluoride.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5806/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PESTICIDAL CONTROL DEVICE WITH HIGH LOAD OF ACTIVE INGREDIENT

(51) International classification	:A01N 25/34
(31) Priority Document No	:61/148,233
(32) Priority Date	:29/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/000264
Filing Date	:19/01/2010
(87) International Publication No	:WO 2010/086102
(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)BAYER ANIMAL HEALTH GMBH

Address of Applicant :51368 LEVERKUSEN, Germany

(72)Name of Inventor :

1)ROBERT G. PENNINGTON

2)JOHN ROSE

3)JOCHEM RUETER

(57) Abstract :

The present invention relates to a pesticidal control device that includes at least one pesticidal active ingredient, cellulose fibers, and a polymer or polymer matrix, the combination of the cellulose fibers with the polymer allows for a higher loading of liquid pesticidal active ingredients within the pesticidal control device, maintains the active ingredient within the control device during transportation, storage and handling, and provides higher efficacy or control of pests during treatment. The pesticidal control device may be an ear tag, collar, or bee strip.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5808/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ACTIVE COMPOUND COMBINATIONS

(51) International classification	:A01N 43/56
(31) Priority Document No	:09356004.3
(32) Priority Date	:30/01/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/000319
Filing Date	:20/01/2010
(87) International Publication No	:WO 2010/086109
(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)BAYER CROPSCIENCE AG

Address of Applicant :ALFRED-NOBEL-STRASSE 50,
40789 MONHEIM, Germany

(72)Name of Inventor :

1)STEPHANIE GARY

(57) Abstract :

The present invention relates to active compound combinations, in particular within a fungicide composition, which comprises (A) the compound 3-(difluoromethyl)-l-methyl-N-(3',4',5'-trifluorobi-phenyl-2-yl)-lH-pyrazole-4-carboxamide of formula (I) and/or the compound 3-(difluoromethyl)-l-methyl-N-(2',4',5'-trifluorobiphenyl-2-yl)-lH-pyrazole-4-carboxamide of formula (II) and (B) at least one azolylmethyloxirane of formula (III). Moreover, the invention relates to a method for curatively or preventively controlling the phytopathogenic fungi of plants or crops, to the use of a combination according to the invention for the treatment of seed, to a method for protecting a seed and not at least to the treated seed.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6436/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FENESTRATION SYSTEM WITH SOLAR CELLS

(51) International classification	:H01L 31/06
(31) Priority Document No	:20090386
(32) Priority Date	:27/01/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/IB2010/000163
Filing Date	:29/01/2010
(87) International Publication No	:WO 2010/086720
(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)SINVENT AS

Address of Applicant :OF N - 7465 TRONDHEIM, Norway

(72)Name of Inventor :

1)TORE, KOLAS

2)RAGNAR, FAGERBERG

3)LARS, JOHNSEN

(57) Abstract :

It is described a fenestration system comprising a window pane provided with a horizontal stripe pattern of solar cells, and window blinds provided with slats operative to concentrate direct sunlight onto said solar cells and operative to redirect diffuse daylight and/or direct sunlight for improved daylight distribution within an interior space. The fenestration system may be provided with control means for automatically adjustment of said window blinds based on a number of parameters like sun position, sky conditions, energy demands, need for daylight within the interior space and need for solar shading.

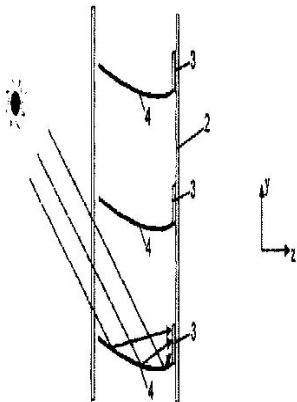


Figure 2

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4641/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GASIFICATION SYSTEM AND PROCESS WITH STAGED SLURRY ADDITION

(51) International classification	:C01B 3/34
(31) Priority Document No	:61/138,312
(32) Priority Date	:17/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/068546
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/080525
(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)CONOCOPHILLIPS COMPANY

Address of Applicant :IP SERVICES GROUP, 600 N. DAIRY ASHFORD, BLDG, MA-1135 HOUSTON, TEXAS 77079, U.S.A.

(72)**Name of Inventor :**

1)DAVID L.BRETON

2)ALBERT C. TSANG

3)MAX THOMPSON

(57) Abstract :

A system and process for gasifying carbonaceous feedstock with staged slurry addition in order to prevent the formation of tar that causes deposition problems. Dry solid carbonaceous material is partially combusted, then pyrolysed along with a first slurry stream comprising carbonaceous material in two separate reactor sections, thereby producing mixture products comprising synthesis gas. The second slurry stream comprising particulate carbonaceous material is fed to a drying unit downstream of a heat recovery zone along with the mixture product exiting the heat recovery zone. The resulting final temperature of the second stage mixture products and dried particulate carbonaceous material is between 450° and 550°F, a temperature range that is typically not conducive to the emission of heavy molecular-weight tar species.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5764/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CURABLE SILICONE COMPOSITION THAT PROVIDES A HIGHLY TRANSPARENT CURED SILICONE MATERIAL

(51) International classification	:C08L 83/04	(71) Name of Applicant :
(31) Priority Document No	:2009-022015	1)DOW CORNING TORAY CO. LTD
(32) Priority Date	:02/02/2009	Address of Applicant :5-1, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO, 1000004, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/051660	1)HASEGAWA, CHIICHIRO
Filing Date	:29/01/2010	2)YOSHITAKE, MAKOTO
(87) International Publication No	:WO 2010/087522	3)AKITOMO, HIROSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A curable silicone composition characteristically comprises (A) (A-1) an alkenyl-containing dialkylpolysiloxane and a viscosity of at least 1,000 mPa s to not more than 20,000 mPa-s and (A-2) an alkenyl-containing, resin-form organopolysiloxane that comprises the SiO₄/2 unit, R₁₂R₂ SiO 1/2 unit, and R₁₃ SiO 1/2 unit wherein R₁ is alkyl and R₂ is alkenyl, that contains from 2.5 to 5.0 mass% alkenyl group, and that has a ratio for the total number of moles of R₂R SiO₁/2 and R₁₃SiO₁/2 units to 1 mole of the SiO₄/2 unit in the range from 0.70 to 1.10; (B) an organopolysiloxane that contains at least 0.9 mass% silicon-bonded hydrogen; and (C) a hydrosilylation reaction catalyst and provides a bending-tolerant and highly transparent cured silicone material that characteristically has a hardness is in the range from 80 to 95, the parallel light transmittance at 200°C is a value that is at least 99% of the parallel light transmittance at 25°C.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5765/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR DISPENSING AN AERATED JET OF WATER

(51) International classification	:B05B 1/18
(31) Priority Document No	:BS2009A000031
(32) Priority Date	:24/02/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/050790
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/097756
(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)NIKLES ITALIA S.R.I.

Address of Applicant :VIA ALESSANDRO VOLTA, 2, I-25013 CARPENEDOLO, BRESCIA, ITALY

(72)Name of Inventor :

1)MORBIO, ALBERTO

(57) Abstract :

A device for dispensing an aerated jet of water comprises an outer casing (10), a dispenser plate (14) which closes said outer casing and in which a plurality of nozzles (16) for the outlet of the water is provided, and an intermediate plate (18) positioned in said casing so as to define a water inlet chamber (20) communicating with a water supply duct (21), and a water outlet chamber (24) communicating with the outlet nozzles (16) of the water. In the intermediate plate (18) there is provided an air- water mixing chamber (26) communicating with the water inlet chamber through a plurality of water inlet holes (28), with the outside environment through a number of air intake holes (30) and with the water outlet chamber through a plurality of aerated water (32) outlet holes.

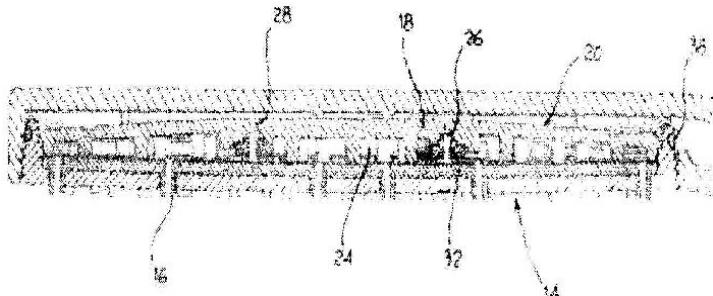


Fig.4

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6483/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADDITION SALTS OF TROMETHAMINE WITH AZABIPHENYLAMINOBENZOIC ACID DERIVATIVES AS DHODH INHIBITORS

(51) International classification	:C07D 213/74
(31) Priority Document No	:09382032.2
(32) Priority Date	:13/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/001549
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/102825
(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)ALMIRALL, S.A

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(72)Name of Inventor :

1)NURIA GARCIA GONZALEZ

2)FRANCES CARRERA CARRERA

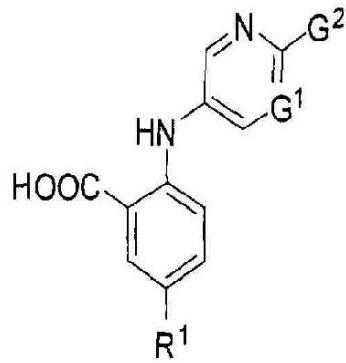
3)MONTSERRAT JULIA JANE

4)LAURENT DEBETHUNE

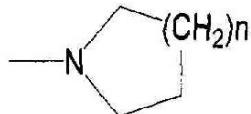
5)XAVIER SERRA MASIA

(57) Abstract :

The present invention is directed to novel crystalline addition salts of (i) tromethamine with (ii) an azabiphenylaminobenzoic acid derivatives of formula (I) wherein R1 is selected from the group consisting of C1-C4 alkyl, C3-C4 cycloalkyl and -CF3, G1 is selected from nitrogen atoms and CH, C(CH3) and C(CF3) groups, and G2 represents a phenyl group optionally substituted with one or two substituents selected from chloro, fluoro, methoxy, ethoxy, isopropoxy, trifluoromethoxy, CF3, and -CONR7R8 wherein R7 is hydrogen and R8 is cyclopropyl or R7 and R8 together with the nitrogen atom to which they are attached form a group of formula wherein n is 1. and pharmaceutically acceptable solvates thereof.



(I)



No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6453/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPEN DEVELOPMENT SYSTEM FOR ACCESS SERVICE PROVIDERS

(51) International classification	:H04M 15/00
(31) Priority Document No	:61/206,354
(32) Priority Date	:28/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021310
Filing Date	:18/01/2010
(87) International Publication No	:WO 2010/088087
(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)HEADWATER PARTNERS I LLC

Address of Applicant :350 MARINE PARKWAY, SUITE 300, REDWOOD CITY, CA 94065, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)GREGORY G.RALEIGH

(57) Abstract :

Various embodiments are disclosed for a services policy communication system and method. In some embodiments, a software developers kit is provided for implementing a verifiable service processor to be stored on a communications device, in which the software developer kit facilitates development of a plurality of service processors for controlling network service usage of a plurality of communications devices and includes one or more tested service processor versions for more or more communications device types.

No. of Pages : 342 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.6562/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DRIVE CONTROL SYSTEM

(51) International classification	:B65D
(31) Priority Document No	:RM2009A000032
(32) Priority Date	:27/01/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2010/000022
Filing Date	:27/01/2010
(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)PALMARIX LTD.

Address of Applicant :Suites 15 & 17 Watergardens 3
Gibraltar.

(72)Name of Inventor :

1)ROSENMAIER Peter

2)KLINDWORTH Jan

(57) Abstract :

The present invention relates to a vehicle drive control system (1) such as a car a boat an aircraft and like or of a driving simulator such as a videogame console simulation apparatus and like and with a direction control device (2) such as a steering wheel a rudder or like and with directioning means (21 22 21" 22") said system (1) being characterised in that it comprises means (6) for detecting position of said direction control device (2) an adjustment module (7 7 7") having a frame mechanically coupled with said direction control device (2) provided with passive actuator and adjustment means (8 8" 8a 8a 8b 8b) by which it is suitable to adjust resistance to the movement of said direction control device (2) one or more sensors (27) for detection of position of said directioning means (21 22 21". 22")

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6564/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ASPHALT MIXTURE

(51) International classification	:C08L 95/00
(31) Priority Document No	:2009-058374
(32) Priority Date	:11/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/053820
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/104048
(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)KAO CORPORATION

Address of Applicant :14-10, NIHONBASHI-KAYABACHO
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(72)Name of Inventor :

1)MASATO MURAYAMA

2)MASAKAZU KAWANO

3)YOKIHIRO FUKUYAMA

(57) Abstract :

The present invention relates to an asphalt mixture including aggregates, a polyamide resin and asphalt, wherein the polyamide resin has a softening point of from 60 to 150°C, and is compounded in an amount of from 3 to 90% by mass on the basis of a total amount of the polyamide resin and the asphalt; and a paving method using the asphalt mixture. The asphalt mixture of the present invention provides a pavement which is free from rutting and torsional breakage and exhibits a high oil resistance. The pavement obtained from the asphalt mixture is free from fracture and can be prevented from suffering from occurrence of rutting and torsional breakage even when leakage of oils over a surface of the pavement occurs.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6567/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CHIRAL DISULFONIMIDES

(51) International classification	:C07D 285/01
(31) Priority Document No	:10 2009 011 055.0
(32) Priority Date	:02/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000226
Filing Date	:02/03/2010
(87) International Publication No	:WO 2010/099786
(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)STUDIENGESELLSCHAFT KOHLE MBH

Address of Applicant :KAISER- WILHELM- PLATZ 1,
45470 MULHEIM AN DER RUHR, Germany

(72)Name of Inventor :

1)BENJAMIN LIST

2)FRANK LAY

3)PILAR GARCIA - GARCIA

(57) Abstract :

The invention relates to chiral disulfonimides having the general formula I to III, wherein at least one of the groups A and B in the compound of formula I, C and D of the compound in formula II, and E and F of the compound in formula III is a chiral group, or E and F together form a chiral backbone, X is C, Si, O, N or S, and n is 0, 1, 2, 3, 4, 5 or 6, where n is > 1 only if X is C, G is H, C1-C6-alkyl, C2-C6-alkenyl or C2-C6-alkinyl, an aryl, aryl-(C1-C6)-alkyl, hetero(C1-C6)- alkyl, or heteroaryl group, or SiR14R15R16 is Br, Cl, I, F, where R14, R15, R16 is C1-C6-alkyl, C2- C6-alkenyl or C2-C6-alkinyl, aryl-, aryl-(C1-C6)-alkyl, hetero-(C1-C6)-alkyl, heteroaryl, which may optionally be substituted, and to the organic salts, metal salts and metal complexes thereof. The compounds are suited as NMR shift reagents and as reagents for racemate splitting, and also as chiral Bronsted acid catalysts or chiral Lewis acid catalysts for activating ketones, aldehydes and alkenes, and also as catalysts in the organic synthesis.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4822/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLAME-PROTECTED IMPACT STRENGTH MODIFIED POLYCARBONATE COMPOUNDS+

(51) International classification :C08L 69/00
(31) Priority Document No :10 2008 062903.0
(32) Priority Date :23/12/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP09/008966
 Filing Date :15/12/2009
(87) International Publication No :WO 2010/072351
(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)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, GERMANY

(72)**Name of Inventor :**

1)THOMAS ECKEL

2)VERA TASCHNER

3)ACHIM FELDERMANN

4)ECKHARD WENZ

(57) Abstract :

The present invention relates to impact strength modified polycarbonate compounds comprising a first graft poly-mer comprising silicon acrylate composite rubber as a graft basis, wherein the proportion of silicone rubber is 65 - 95 % by weight (relative to the graft basis), a second graft polymer comprising a diene rubber, and phosphoric flame-protection agents, to the use of the polycarbonate compounds for producing molded parts, and to the molded parts themselves. The compositions and molding compounds according to the invention comprise an optimal combination of good flame protection at thin wall thicknesses, good chemical and hydrolysis resistance, and low melting viscosity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4823/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : YARNS AND THREADS FROM BLENDS OF FIBRES AND ARTICLES THEREFROM

(51) International classification	:D02G 3/04
(31) Priority Document No	:A 2007/2008
(32) Priority Date	:23/12/2008
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2009/000490
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/071910
(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) LENZING AG

Address of Applicant : WERKSTRASSE 2, A-4860
LENZING, AUSTRIA

(72)**Name of Inventor :**

1) JOHANN LEITNER

2) BOB JEAVONS

3) KARIN KAMPF

(57) Abstract :

The invention relates to blends of fibres in the form of yarns and threads from cotton with cellulosic staple-fibres of the Lyocelltype as well as articles therefrom.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2010

(21) Application No.5720/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR IMAGING CHANGES IN TISSUE

(51) International classification	:A61B
(31) Priority Document No	:61/032,825
(32) Priority Date	:29/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/035532
Filing Date	:27/02/2009
(87) International Publication No	:WO 2010/082944
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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1)ROSS, BRIAN, D.
2)REHEMTULLA, ALNAWAZ
3)CHENEVERT, THOMAS
4)MEYER, CHARLES, R.
5)GALBAN, CRAIG, J.

(57) Abstract :

The present invention provides systems and methods for monitoring tissue regions. In particular, the present invention provides systems and methods for detecting changes in tissue regions over a period of time. In some embodiments, the systems and methods of the present invention are used to evaluate the effectiveness of a particular treatment of a tissue region. In some embodiments, the systems and methods of the present invention provide a parametric response map approach for detecting and analyzing changes in tissue regions over a period of time to detect and monitor disease or tissue health and to monitor the impact of therapeutic interventions.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5843/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INFUSION PUMP CASSETTE WITH ANTI-FREE-FLOW VALVE MECHANISM

(51) International classification	:A61M 5/142
(31) Priority Document No	:61/148,863
(32) Priority Date	:30/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021721
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/088143
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HARIHARESAN, SERALAATHAN

2)HIGHLEY, BRIAN

(57) Abstract :

A cassette (1) that is insertable into an infusion pump for delivery of a fluid to a subject that has a housing with two ends for holding flexible tubing (75) through which the fluid is directed. The housing has an open area exposing the tubing, which engages a pumping mechanism when inserted into an infusion pump. An anti-flow valve mechanism (100) associated with the tubing or the cassette and present either in, on or near the housing is made up of a piston (103/105) and spring (110), where the spring biases the piston against the tubing to prevent fluid flow.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6467/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR CONTROLLING NEMATODES

(51) International classification	:C07D 413/04
(31) Priority Document No	:61/151,482
(32) Priority Date	:10/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023689
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/093650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SLOMCZYNSKA, URSZULA

2)DIMMIC, MATT, W.

3)HAAKenson, JR., WILLIAM.P.

4)WIDEMAN, AI

(57) Abstract :

Compositions and processes for controlling nematodes are described herein, e.g., nematodes that infest plants or animals. The compounds include oxazoles, oxadiazoles and thiadiazoles.

No. of Pages : 147 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6577/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WATER PURIFICATION AND ENHANCEMENT SYSTEMS

(51) International classification	:B01D 35/00
(31) Priority Document No	:61/154,070
(32) Priority Date	:20/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024531
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/096521
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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NEW YORK, NY 10022, U.S.A.

(72)**Name of Inventor :**

1)FITZGERALD, EUGENE, A.

2)XIE, YA-HONG

3)LANGDO, THOMAS

4)RENJILIAN, RICHARD

5)FOLEY, BRIAN, T.

6)THOMPSON, CARL, V.

(57) Abstract :

Water purification system comprising at least two filtration media sized with respect to each other to allow a first contaminant to be saturated first with a delay before a second contaminant is saturated.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6578/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR FEEDING HOT GAS TO A SHAFT FURNACE

(51) International classification	:C21B 9/10
(31) Priority Document No	:91 542
(32) Priority Date	:17/03/2009
(33) Name of priority country	:Luxembourg
(86) International Application No	:PCT/EP2010/053305
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/106026
(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)PAUL WURTH S.A.

Address of Applicant :32, RUE D'ALSACE, L - 1122
LUXEMBOURG, LUXEMBOURG Luxembourg

(72)Name of Inventor :

1)SIMOES, JEAN - PAUL

2)ROTH, JEAN - LUC

(57) Abstract :

The present invention proposes a method for feeding hot gas to a shaft furnace (12), wherein the method comprises feeding a first portion (32) of a first gas flow (24) to a mixing chamber (36) and feeding a second portion (34) of the first gas flow (24) into said shaft furnace. The method further comprises feeding a second gas flow (28) to the mixing chamber (36), allowing the first portion (32) of the first gas flow (24) to mix with the second gas flow (28) in the mixing chamber (36), thereby forming a third gas flow (38), and feeding the third gas flow (38) to the shaft furnace (12). The first gas flow (24) has a first volumetric fluid flow rate (V1), a first temperature (T1) and a first pressure (p1); the second gas flow (28) has a second volumetric fluid flow rate (V2), a second temperature (T2) and a second pressure (p2); and the third gas flow (38) has a third volumetric fluid flow rate (V3), a third temperature (T3) and a third pressure (p3). According to an important aspect of the present invention, the first temperature (T1) is higher than the second temperature (T2) and the first pressure (p1) is lower than the second pressure (p2) and the third temperature (T3) is regulated by controlling the second pressure (p2).

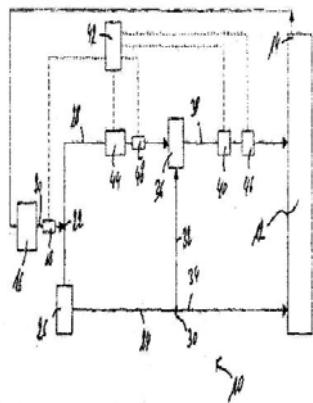


Fig.1

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5771/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NON-AD5 ADENOVIRAL VECTORS AND METHODS AND USES RELATED THERETO

(51) International classification	:C12N 15/861
(31) Priority Document No	:20090030
(32) Priority Date	:02/02/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/IB2010/050452
Filing Date	:02/02/2010
(87) International Publication No	:WO 2010/086838
(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)ONCOS THERAPEUTICS OY

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1)HEMMINKI, OTTO

2)BAUERSCHMITZ, GERD

3)CERULLO, VINCENZO

4)PESONEN, SARI

5)HEMMINKI, AKSELI

(57) Abstract :

The present invention relates to the field of medicine. Specifically, the invention relates to cancer therapies. More specifically, the present invention relates to oncolytic human adenoviral vectors and cells and pharmaceutical compositions comprising said vectors. The present invention also relates to a use of said vectors in the manufacture of a medicament for treating cancer in a subject and a method of treating cancer in a subject. Furthermore, the present invention relates to a method of producing an adenoviral vector.

No. of Pages : 172 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5772/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECRTROSTATIC DISCHARGE CHAIR COVER WITH A GROUNDING DISC

(51) International classification	:H05F 3/02	(71) Name of Applicant :
(31) Priority Document No	:PCT/MY2008/000198	1)ESD TECHNOLOGY CONSULTING & LICENSING CO, LTD
(32) Priority Date	:31/12/2008	Address of Applicant :A2717 JIAZHAOYE CENTER, NO 66
(33) Name of priority country	:PCT	NANYUAN ROAD, FUTIAN DISTRICT, SHENZHEN, CHINA
(86) International Application No	:PCT/MY2008/000198	518031 China
Filing Date	:31/12/2008	(72) Name of Inventor :
(87) International Publication No	:WO 2010/077126	1)KOW KEK HING
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Electrostatic discharge chair with a grounding disc suitable to be used on a swivel chair are described. The accessories comprise a static dissipative chair cover (12), flexible conductive ground loop (14) and grounding means (16). The flexible conductive ground loop (14) have an attaching means (24) attached with two flexible coiled springs, the first spring having an open end (26a) and the second spring having an open tapered (26b) end. The flexible conductive ground loop (14) is attached to chair cover (12) and wrapped around swivel post (34) by screwing one end of the spring into the other to provide a ground path from chair cover to swivel post. The grounding means (16) is attached to swivel post and in contact with ground to provide a ground path from swivel post to ground.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6501/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD FOR PROCESSING DATA AND A SYSTEM THEREOF

(51) International classification	:G06F 17/30
(31) Priority Document No	:60/502908
(32) Priority Date	:15/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/030144
Filing Date	:15/09/2004
(87) International Publication No	:WO 2005/029369
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:1167/DELNP/2006 :06/03/2006

(71)Name of Applicant :

1)AB INITO TECHNOLOGY LLC

Address of Applicant :201 SPRING STREET, LEXINGTON,
MA 02421, U.S.A.

(72)Name of Inventor :

1)JOEL GOULD

2)CARL FEYNMAN

3)PAUL BAY

(57) Abstract :

A method for processing data including: accepting information characterizing values of a first field in records of a first data source and information characterizing values of a second field in records of a second data source; computing quantities characterizing a relationship between the first field and the second field based on the accepted information; and presenting information relating the first field and the second field. FIG. 1

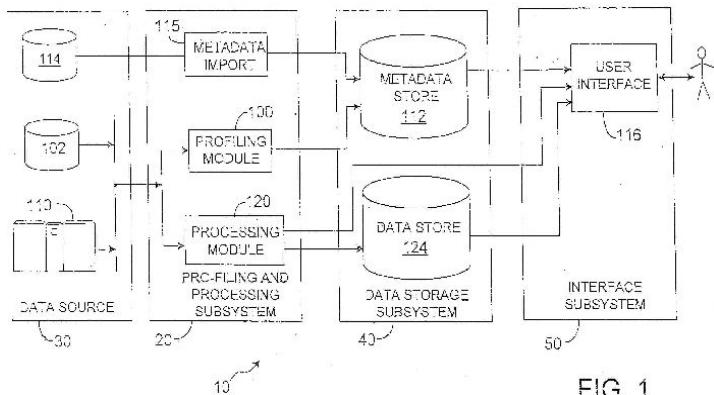


FIG. 1

No. of Pages : 67 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6606/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOW VOC HYDROCARBON DILUENT FOR CONSTRUCTION MATERIALS

(51) International classification	:C10M 101/02
(31) Priority Document No	:FR 09/01157
(32) Priority Date	:12/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050425
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/103244
(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)TOTAL RAFFINAGE MARKETING

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PUTEAXU, FRANCE

(72)Name of Inventor :

1)WESTELYNCK, ANTOINE

(57) Abstract :

Hydrocarbon diluent for the dilution of polymer with a pour point below -15°C according to ASTM standard D97, with a boiling point comprised between 280 and 450°C, comprising more than 50% by weight of isoparaffins, and naphthenes up to at most 40% by weight, and constituted by a mixture of hydrocarbons with a boiling point above 200°C, obtained by distillation of hydrotreated gas-oil cuts.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6608/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CATALYST COMPOSITION AND PROCESS FOR OLIGOMERIZATION OF ETHYLENE□

(51) International classification	:C07C	(71) Name of Applicant :
(31) Priority Document No	:09005212.7	1) LINDE AG Address of Applicant : Klosterhofstrasse 1 80331 Mnchen Germany
(32) Priority Date	:09/04/2009	2) SAUDI BASIC INDUSTRIES CORPORATION
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/001842	1) Anina W-HL
Filing Date	:24/03/2010	2) Uwe ROSENTHAL
(87) International Publication No	: NA	3) Bernd H MLLER
(61) Patent of Addition to Application Number	:NA	4) Normen PEULECKE
Filing Date	:NA	5) Stephan PEITZ
(62) Divisional to Application Number	:NA	6) Wolfgang MLLER
Filing Date	:NA	7) Heinz B-LT
		8) Andreas MEISWINKEL
		9) Bashkar Reddy ALURI
		10) Mohammed AL-HAZMI
		11) Mohammed AL-MASNED
		12) Khalid AL-EIDAN
		13) Fuad MOSA

(57) Abstract :

The present invention relates to a catalyst composition for oligomerization of ethylene comprising a chromium compound; a ligand of the general structure R1R2P-N(R3)-P(R4)-N(R5)-H wherein R1 R2 R3 R4 and R5 are independently selected from halogen amino trimethylsilyl C1-C10-alkyl aryl and substituted aryl; a modifier containing organic or inorganic halide; and an activator or co-catalyst; and a process for oligomerization utilizing that catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6609/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:H04N 7/32
(31) Priority Document No	:2009-054075
(32) Priority Date	:06/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052924
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/101063
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 1080075, Japan

(72)Name of Inventor :

1)KAZUSHI SATO

(57) Abstract :

The present invention relates to an image processing device and method which enable compression efficiency to be improved. A horizontal pixel average value AveH of pixel values A through D is calculated, and a horizontal pixel distribution value DistH is calculated. A vertical pixel average value AveV of pixel values I through J is calculated, and a vertical pixel distribution value DistV is calculated. In the event that the horizontal pixel distribution value DistH is smaller than a threshold ThH, and the vertical pixel distribution value DistV is greater than a threshold ThV, a mode 1 is applied to a object block made up of pixels a through p. In the event that the horizontal pixel distribution value DistH is greater than the threshold ThH, and the vertical pixel distribution value DistV is smaller than the threshold ThV, a mode 0 is applied to the object block. The present invention may be applied to an image encoding device which performs encoding using the H.264/AVC system, for example.

No. of Pages : 185 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.5607/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF BEZOYL AMINO HETEROCYCLYL COMPOUNDS

(51) International classification	:C07D 401/06
(31) Priority Document No	:0902434.0
(32) Priority Date	:13/02/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB210/050217
Filing Date	:11/02/2010
(87) International Publication No	:WO 2010/0092387
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)JEFFREY CRABB

3)PHILLIP HOPES

4)BHARTI PATEL

(57) Abstract :

A process for preparing pharmaceutically active compounds of formula (I) or a salt thereof wherein R n, m, R3, R6, X1, X2, X3 and X4 are as defined in the specification, is described. Novel intermediates are also described and claimed.

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.5608/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LONG SHELF LIFE MILK AND MILK-RELATED PRODUCTS, AND A PROCESS AND MILK PROCESSING PLANT FOR THEIR MANUFACTURE

(51) International classification	:A23C 3/00	(71) Name of Applicant : 1)ARLA FOODS AMBA Address of Applicant :SONDERHOJ 14, DK-8260 VIBY J., THAILAND
(31) Priority Document No	:61/147,614	
(32) Priority Date	:27/01/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/DK10/050019 :27/01/2010	(72) Name of Inventor : 1)HANS HENRIK HOLST 2)WILLIAM STUART GUNTHER 3)KRISTOFFER LUNDGREN 4)JØRGEN ANDERSEN
(87) International Publication No	:WO 2010/0085957	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to long shelf life milk or milk-related products as well as to a method for producing such life products and a milk processing plant for the implementation of the method. The method of the invention is characterized by the combination of physical separation of microorganisms and a high temperature treatment for almost 200msec. and the resulting product has been found to have advantageous properties.

No. of Pages : 60 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6508/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COVALENT MILK PROTEIN/ISOTHIOCYANATE COMPLEXES

(51) International classification	:A23L 1/30
(31) Priority Document No	:09154996.4
(32) Priority Date	:12/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/052705
Filing Date	:03/03/2010
(87) International Publication No	:WO 2010/102937
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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VEVEY, SWITZERLAND

(72)Name of Inventor :

1)SCHMITT, CHRISTOPHE JOSEPH ETIENNE

2)RADE-KUKIC, KORALJKA

(57) Abstract :

The present invention relates to the field of complexes. Embodiments of the present invention relate to food-grade covalent complexes containing at least one milk protein and at least one ITC-compound and to the uses of such complexes, e.g., to reduce the perceived pungency of ITC- compounds, to produce antimicrobial effects and/or to form and stabilize emulsions and/or foams.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6511/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR TREATING A SURFACE OF AN ELASTOMER PART USING MULTI-ENERGY IONS HE+ AND HE2+

(51) International classification	:C08J 7/18	(71) Name of Applicant :
(31) Priority Document No	:09 01002	1)QUERTECH INGENIERIE
(32) Priority Date	:02/03/2009	Address of Applicant :OF 9, RUE DE LA GIRAFE, F - 14000 CAEN, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050379	1)BUSARDO, DENIS
Filing Date	:05/03/2010	2)GUERNALEC, FREDERIC
(87) International Publication No	:WO 2010/100384	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for treating at least one surface of a solid elastomer part using helium ions. According to the invention, multi-energy ions He+ and He2+ are implanted simultaneously, and the ratio RHe, where RHe = HeVHe2+ with He+ et He2+ expressed in atomic percentage, is less than or equal to 100, for example less than 20, resulting in very significant reductions in the frictional properties of parts treated in this way. The He+ and He2+ ions are supplied, for example, by an ECR source.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6620/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:H04N 7/32
(31) Priority Document No	:2009-054077
(32) Priority Date	:06/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052925
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/101064
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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TOKYO 1080075, Japan

(72)Name of Inventor :

1)KAZUSHI SATO

(57) Abstract :

The present invention relates to an image processing device and method which enable increase in compressed information to be suppressed, and also enable prediction precision to be improved. A precision flag generating unit 93 compares the precision parameters of the motion vector information of a current block from a current motion vector precision determining unit 91, and the precision parameters of the motion vector information of an adjacent block from an adjacent motion vector precision determining unit 92, and generates a precision flag indicating whether the precision of the motion vector information of the current block, and the precision of the motion vector information of the adjacent block agree or differ. This precision flag is output to a lossless encoding unit 66 and encoded along with motion vector information mvdE and so forth in the event that a prediction image in the optimal inter prediction mode has been selected by a prediction image selecting unit 77. The present invention may be applied to an image encoding device which performs encoding using the H.264/AVC system, for example.

No. of Pages : 166 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6622/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANALYTE SENSOR OFFSET NORMALIZATION

(51) International classification	:G01N 33/48
(31) Priority Document No	:61/156,170
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025164
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/099154
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :ONE EDWARDS WAY, IRVINE,
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(72)Name of Inventor :

1)HENRY W. OVIATT JR.

(57) Abstract :

Measurements of current from a working electrode and current from a blank electrode are received and a ratio corresponding to the ratio of surface areas of the working electrode and the blank electrode is determined. This ratio is used to correct any differential current offset between an analyte (working) electrode and a control (blank) electrode to yield a more accurate net current output. Systems, methods and computer program products are further described for measuring an analyte concentration disclosed are for calculating the amount of an analyte in a fluid using a biosensor.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2010

(21) Application No.5687/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TROUBLESHOOTING VOICE OVER WLAN DEPLOYMENTS

(51) International classification	:H04L
(31) Priority Document No	:12/040,346
(32) Priority Date	:29/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/030401
Filing Date	:08/01/2009
(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)CISCO TECHNOLOGY, INC.

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(72)Name of Inventor :

**1)VARIYATH, GIRISH, S.
2)JAYARAMAN, VIKRAM
3)GANESAN, KARTHIKEYAN
4)KUMAR, RAJNEESH**

(57) Abstract :

A voice over WLAN diagnostic system. In particular implementations, a method includes simulating, in response to a triggering event, Voice over Internet Protocol (VoIP) communications with a remote diagnostics engine; gathering metric data characterizing one or more aspects of the simulated VoIP communications; and periodically transmitting diagnostic packets including the metric data to the remote diagnostics engine; wherein the simulating VoIP communications comprises transmitting diagnostic protocol packets that simulate VoIP communications to the remote diagnostic engine; and intercepting diagnostic protocol packets received from the diagnostics engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5793/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING HYDROCARBONS FROM A HYDRATE RESERVOIR USING AVAILABLE WASTE HEAT

(51) International classification	:E21B 43/16
(31) Priority Document No	:61/141,839
(32) Priority Date	:31/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069577
Filing Date	:28/12/2009
(87) International Publication No	:WO 2010/078243
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)CHEVRON U.S.A. INC.

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SAN RAMON, CA 94583, U.S.A.

(72)Name of Inventor :

1)BALCZEWSKI, JOHN THOMAS

(57) Abstract :

A method and system of producing hydrocarbons from a hydrocarbon containing subterranean hydrate reservoir is disclosed. Waste heat is captured and transferred to a hydrocarbon bearing hydrate formation to dissociate hydrates into natural gas and water. The waste heat can be heat generated from surface facilities such as a Gas To Liquids (GTL) plant, a Liquefied Natural Gas (LNG) plant, an electric or power generation plant, and an onshore or offshore facility producing other conventional or unconventional hydrocarbons from a subterranean reservoir. Alternatively, the waste heat can be obtained from subterranean reservoirs such as hydrocarbon containing producing wells and geothermal wells producing heated water.

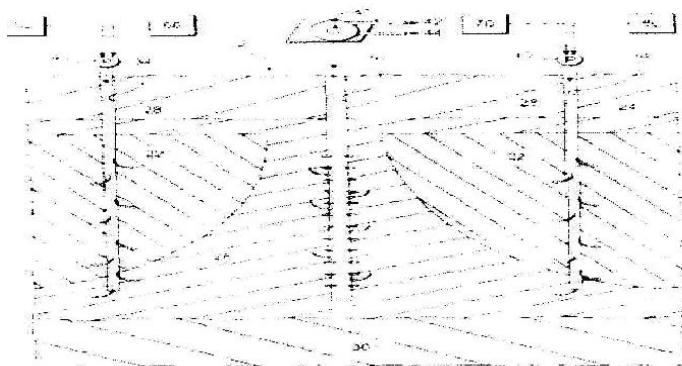


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6613/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUDIZED BED REACTOR FOR PRODUCTION OF HIGH PURITY SILICON

(51) International classification

:C01B 33/037

(31) Priority Document No

:12/393,852

(32) Priority Date

:26/02/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US09/065345

Filing Date

:20/11/2009

(87) International Publication No

:WO 2010/098797

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MATTHEW S.BETHARDS

(57) Abstract :

Methods and apparatus for the production of high purity silicon including a fluidized bed reactor with one or more protective layers deposited on an inside surface of the fluidized bed reactor. The protective layer may be resistant to corrosion by fluidizing gases and silicon-bearing gases.

No. of Pages : 21 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6617/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PESTICIDAL PROTEINS AND METHODS FOR THEIR USE

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/156,301
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/025476
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099365
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KIMBERLY S.SAMPSON

2)DANIEL J. TOMSO

3)RAZVAN VALERIU DUMITRU

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided.

Compositions comprising a coding sequence for a toxin polypeptide are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated toxin nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed, and antibodies specifically binding to those amino acid sequences. In particular, the present invention provides for isolated nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequence shown in SEQ ID NO:50-96, or the nucleotide sequence set forth in SEQ ID NO: 1-47, as well as variants and fragments thereof.

No. of Pages : 239 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6618/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BURNER FOR A THERMAL POST- COMBUSTION DEVICE

(51) International classification	:F23D 14/24
(31) Priority Document No	:10 2009 010 274.4
(32) Priority Date	:24/02/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001113
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/097197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :TUBINGER STR. 81, 71032
BOBLINGEN, Germany

(72)Name of Inventor :

1)CHRISTOF GMINDER
2)APOSTOLOS KATEFIDIS

(57) Abstract :

The invention describes a burner (10) for a thermal post-combustion device, which, in a known way, has a burner jet (1) arranged in a housing (12). Arranged on the end region of the housing (12) is a swirl apparatus (13), through which the exhaust gas to be purified can be made to flow. The burner jet (1) comprises an outer tube (2) and an inner tube (3), wherein it is possible for combustion gas to be made to flow through the interspace between said two tubes (2, 3) as far as an annular outlet gap (4) in the end region thereof. The flow path for the combustion gas has a bottleneck in the vicinity of the outlet gap (4). In this way, a compact flame can be achieved, the form of which can be designated bell-shaped and which, for a given volume, has a relatively small surface. Although, from a conventional point of view, such a flame has poor CO₂ values, the swirl apparatus (13) ensures that the exhaust gas burns in the flame with very low NO_x and CO values.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.4508/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMBUSTOR

(51) International classification	:F23C 3/00
(31) Priority Document No	:2008-314691
(32) Priority Date	:10/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006725
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/067596
(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)IHI CORPORATION

Address of Applicant :1-1, TOYOSU 3-CHOME, KOTO-KU,
TOKYO 1358710, Japan

(72)Name of Inventor :

1)KATO, SOICHIRO

2)MIZUTANI, TAKU

3)TAKAHASHI, KATSUYOSHI

(57) Abstract :

A combustor comprises a fuel flow path (10) which is a flow path for fuel (G1) and which is capable of emitting the fuel to its own exterior; an air flow path (20) which is a flow path for air (G2) and which is capable of emitting the air to its own exterior; and an exhaust gas flow path (30) which has a combustion region (R) wherein an air-fuel mixture that mixes the fuel and the air is burned and which constitutes an exhaust flow path for burned gas that is produced by combustion; wherein the fuel within the fuel flow path and the air within the air flow path are heated by the heat of the burned gas, and the air-fuel mixture is constituted by mixing the fuel emitted from the fuel flow path and the air emitted from the air flow path in the exhaust gas flow path.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.4745/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LARGE AREA LIGHT PANEL AND SCREEN

(51) International classification	:H01L
(31) Priority Document No	:61/144,352
(32) Priority Date	:13/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/046941
Filing Date	:10/06/2009
(87) International Publication No	:WO 2010/082952
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GRIFFITHS JONATHAN C.

2)SEHI GAURAV

3)WEBSTER JAMES R.

(57) Abstract :

Embodiments of a panel lighting apparatus and methods of its manufacture are described. In one embodiment, the apparatus 100 can include a light source 103, an at least partially transparent panel 101 comprising a planar front surface and a planar back surface, the panel disposed in conjunction with the light source such that light from the light source is input into at least one edge of the panel and guided therein, and a plurality of light extraction dots 107 disposed on the planar back surface, the plurality of light extraction dots configured to reflect light incident on the planar back surface and extract light from the light source propagating in the panel 101 through the planar front surface.

No. of Pages : 40 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.4749/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CELLULOLYTIC POLYPEPTIDES AND THEIR USE IN MACRO-ORGANISMS FOR THE PRODUCTION OF SOLVENTS AND FUELS

(51) International classification

:C12N 9/42

(31) Priority Document No

:08291120.7

(32) Priority Date

:28/11/2008

(33) Name of priority country

:EPO

(86) International Application No

:PCT/EP2009/065923

Filing Date

:26/11/2009

(87) International Publication No

:WO 2010/060965

(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)TOTAL S.A.

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3)L'UNIVERSITE DE LA MEDITERRANEE

4)L'UNIVERSITE DE PROVENCE

5)L'INSTITUT NATIONAL DES SCIENCES APPLIQUEES (INSA)

(72)Name of Inventor :

1)FIEROBE, HENRI-PIERRE

2)CHANAL-VIAL, ANGELIQUE

(57) Abstract :

The invention relates to applications of a cellulase of *Pseudomonas* sp. ND137, functional fragments and/or variants and engineered forms thereof, in the context of industrial bioprocessing, more particularly solvent production.

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.5502/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APERTURED NONWOVEN WEBS WITH LINED APERTURES

(51) International classification	:B26F
(31) Priority Document No	:61/069,016
(32) Priority Date	:11/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/005687
Filing Date	:05/03/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :1100 BOULDERS PARKWAY
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(72)**Name of Inventor :**

1)LULIANETTI, LINO

(57) Abstract :

Aperture nonwoven webs are disclosed wherein the apertures in the web are treated with an active substance such that the inner surface of the aperture differs in properties, characteristics or appearance from a surface of the adjacent to the aperture.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6598/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADJUSTABLE HINGE FOR PIVOTING DOOR

(51) International classification	:F25D 23/02
(31) Priority Document No	:61/155,924
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025572
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099433
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BERTOLINI, NILTON CARLOS

2)SIMPSON, CORY DALE

(57) Abstract :

A hinge assembly (10) is provided for a pivoting door (100) mounted about an opening, and may include a hinge plate (14), an internally threaded adjuster (16), a locking element (24), a first cam element (18), a second cam element (20), and a limiting plate (22). The hinge plate (14) is mounted about the opening and includes a pivot (34) projecting therefrom. Fig.1

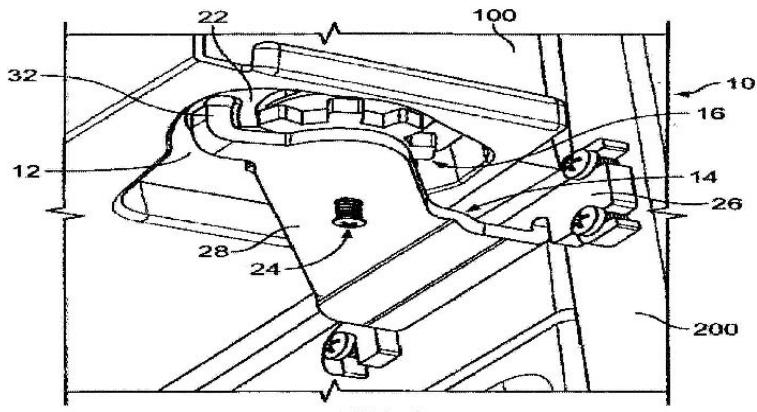


FIG. 1

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7826/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE DELIVERY OF BIOLOGICALLY ACTIVE RNAs□

(51) International classification	:A01K
(31) Priority Document No	:61/160,288
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027365
Filing Date	:15/03/2010
(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)EGEN INC.

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(72)**Name of Inventor :**

1)POLACH Kevin

2)FEWELL Jason

3)ANWER Khursheed

(57) Abstract :

The present invention provides novel compounds compositions and methods for the delivery of biologically active RNA molecules to cells. Specifically the invention provides novel nucleic acid molecules polypeptides and RNA-protein complexes useful for the delivery of biologically active RNAs to cells and polynucleotides encoding the same. The invention also provides vectors for expressing said polynucleotides. In addition the invention provides cells and compositions comprising the novel compounds and vectors which can be used as transfection reagents. The invention further provides methods for producing said compounds vectors cells and compositions. Additionally vectors and ...

No. of Pages : 207 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5798/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SODIUM/MOLYBDENUM POWDER COMPACTS AND METHODS FOR PRODUCING THE SAME

(51) International classification	:B22F 3/00
(31) Priority Document No	:12/392,792
(32) Priority Date	:25/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/043992
Filing Date	:14/05/2009
(87) International Publication No	:WO 2010/098780
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)HONECKER, DAVE

2)MICHALUK, CHRISTOPHER

3)COX, CARL

4)COLE, JAMES

(57) Abstract :

A method for producing a metal article according to one embodiment may include: Providing a supply of a sodium/molybdenum composite metal powder; compacting the sodium/molybdenum composite metal powder under sufficient pressure to form a preformed article; placing the preformed article in a sealed container; raising the temperature of the sealed container to a temperature that is lower than a sintering temperature of molybdenum; and subjecting the sealed container to an isostatic pressure for a time sufficient to increase the density of the article to at least about 90% of theoretical density.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6421/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND APPARATUS FOR FAI SURGERIES

(51) International classification	:A61F 2/32
(31) Priority Document No	:61/155,060
(32) Priority Date	:24/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025292
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/099247
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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1)PHILLIP FREDERICK

2)KEVIN BELEW

3)LAUREN JASPER

4)JAMES GATE WOOD

5)LUKE GIBSON

(57) Abstract :

A partial rim implant for an acetabulum in a pelvic bone comprises a ridge, a bearing surface, and a fixation surface. The ridge is oriented to replace a labrum. The bearing surface is configured to align with the articulating surface of the acetabulum. The bearing surface extends from the ridge toward the apex of the acetabulum. The fixation surface is configured to fix the implant to a prepared bone surface of the pelvic bone.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6423/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR PRODUCING A HIGHLY RIGID, HYBRID, CONTINUOUS PROFILED ELEMENT

(51) International classification

:B29C 70/50

(31) Priority Document No

:102009016596.7

(32) Priority Date

:08/04/2009

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP10/001794

Filing Date

:23/03/2010

(87) International Publication No

:WO 2010/115515

(61) Patent of Addition to Application Number:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)AHMAD AL-SHEYYAB

2)EDGAR QUANDT

3)STEVEN SCHMIDT

4)FRANK POHLMANN

(57) Abstract :

A method for producing a highly rigid, hybrid continuous profiled element, wherein a roving containing reinforcing fibers is transformed into a profiled shape and subsequently, the profiled roving is coated with a plastic layer by means of an extrusion process.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7808/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REDOX FLOW BATTERY

(51) International classification	:H01M 8/18
(31) Priority Document No	:2010-056441
(32) Priority Date	:12/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065646
Filing Date	:10/09/2010
(87) International Publication No	:WO 2011/111254
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)YONGRONG DONG

2)TOSHIO SHIGEMATSU

3)TAKAHIRO KUMAMOTO

4)MICHIRU KUBATA

(57) Abstract :

A redox flow battery having a high electromotive force and capable of suppressing generation of a precipitation is provided. In a redox flow battery 100, a positive electrode electrolyte and a negative electrode electrolyte are supplied to a battery cell including a positive electrode 104, a negative electrode 105, and a membrane 101 interposed between the electrodes 104 and 105, to charge and discharge the battery. The positive electrode electrolyte contains a manganese ion, or both of a manganese ion and a titanium ion. The negative electrode electrolyte contains at least one type of metal ion selected from a titanium ion, a vanadium ion, a chromium ion, a zinc ion, and a tin ion. The redox flow battery 100 can suppress generation of a precipitation of MnO₂, and can be charged and discharged well by containing a titanium ion in the positive electrode electrolyte, or by being operated such that the positive electrode electrolyte has an SOC of not more than 90%. In addition, the redox flow battery 100 can have a high electromotive force equal to or higher than that of a conventional vanadium-based redox flow battery.

No. of Pages : 48 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7811/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUORENE COMPOUND

(51) International classification	:C07C 43/12
(31) Priority Document No	:2009-060291
(32) Priority Date	:12/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054186
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/104169
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TAKAHASHI DAISUKE

(57) Abstract :

The present invention aims to provide a compound superior in broad utility and stability, which is useful as a protecting reagent for amino acid and/or peptide in liquid phase synthesis and the like of peptide and an organic synthesis method using the compound, and provides a particular compound having a fluorene skeleton which can achieve such object.

No. of Pages : 99 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7812/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND COMPOSITION FOR ENHANCED HYDROCARBONS RECOVERY FROM A VERY HIGH SALINITY, HIGH TEMPERATURE FORMATION

(51) International classification	:C09K 8/584	(71) Name of Applicant :
(31) Priority Document No	:61/169,795	1)SHELL INTERATIONALE RESEARCH MAATESCHAPPIJ B.V.
(32) Priority Date	:16/04/2009	Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR THE HAGUE THE NETHERLANDS. Netherlands
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/030960	1)BRANES JULIAN RICHARD 2)RANEY KIRK HERBERT 3)SEMPLE THOMAS CARL 4)SHPAKOFF PAUL GREGORY 5)SMIT JOHAN PAUL 6)SMIT JASPER ROELF
Filing Date	:14/04/2010	
(87) International Publication No	:WO 2010/120833	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of treating a very high salinity high temperature hydrocarbon containing formation is described. The method includes (a) providing a hydrocarbon recovery composition to at least a portion of a hydrocarbon containing formation having a brine salinity of above about 13 wt% and a temperature of above about 70°C, wherein the composition comprises a C15-18 internal olefin sulfonate; and (b) allowing the composition to interact with hydrocarbons in the hydrocarbon containing formation.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/08/2010

(21) Application No.5779/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SMOKING ARTICLE

(51) International classification	:A61M
(31) Priority Document No	:20085052
(32) Priority Date	:22/01/2008
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2009/050056
Filing Date	:21/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)Kaj KUISTILA

2)Vesa KUNNARI

3)Eero HURME

(57) Abstract :

The invention relates to a smoking article comprising tobacco, suction resistance and a chemical heat source in conjunction with the tobacco. According to the invention, the heat source comprises a heat chamber and is activated by external excitation. The invention relates further to a method for producing the smoking article.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5782/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AQUEOUS POLYMER COMPOSITIONS CONTAINING GLYCEROL ESTERS AS PLASTICIZERS

(51) International classification	:C08K 5/103
(31) Priority Document No	:12/406,511
(32) Priority Date	:18/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026048
Filing Date	:03/03/2010
(87) International Publication No	:WO 2010/107583
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)MAKARAND V. JOSHI

2)WILLIAM D. ARENDT

3)YVONNE AILEEN BERRY-WALKER

4)JASON BUTT

(57) Abstract :

Aqueous polymer dispersions are provided that include plasticizers that include mono-, di- and triesters of glycerol. The aqueous polymer dispersions have enhanced film-forming properties and are useful as aqueous coatings, sealants, adhesives, polishes, films and inks. The plasticizers may be used with any of the organic polymers conventionally used in aqueous film-forming compositions, including polyvinyl acetate, copolymers of vinyl acetate with ethylene or other olefins, acrylic polymers, acrylic/styrene copolymers, polyesters, polyurethanes, elastomeric styrene/butadiene copolymers and neoprene and are compatible with other plasticizers and coalescents.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.6543/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SMALL AREA ELECTROSTATIC AEROSOL COLLECTOR

(51) International classification	:G01N 15/06
(31) Priority Document No	:61/153,335
(32) Priority Date	:18/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024389
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/096425
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

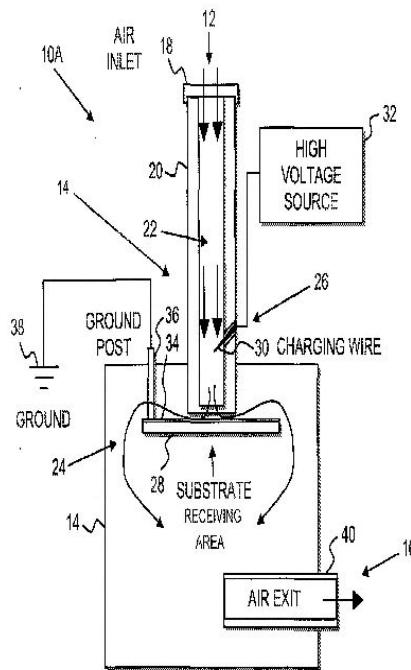
1)RODNEY S. BLACK

2)EDGAR FOGELMAN

3)KEVIN T. HOMMEMA

(57) Abstract :

A small area electrostatic aerosol collector includes a collector housing, an inlet nozzle that extends from the housing and an exit port that provides an exit for air to flow back out of the housing. A pumping arrangement pulls air into the housing through the inlet nozzle. The sampled air is moved through ductwork such that particulates are collected on a substrate and the air is evacuated through the exit port after collection. The collector also includes a charging device positioned within the ductwork so as to create an electric field defining a charging point that the air passes through between the inlet nozzle and the substrate. The substrate is held at a neutral or opposite charge relative to the electric field created by the charging wire. Particulates are collected on the sample substrate by containing the aerosol in a small area and by forcing the aerosol to flow near the substrate.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.6975/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VARIABLE COMPRESSION RATIO ENGINE

(51) International classification	:F02B
(31) Priority Document No	:12/074,649
(32) Priority Date	:05/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/050874
Filing Date	:04/03/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DAR, ATHER

(72)Name of Inventor :

1)SYED, AHMED

2)DAR, ATHER

(57) Abstract :

A variable compression ratio mechanism for continuously varying the compression ratio of an internal combustion engine while minimizing the power requirement and providing internal clamping to isolate the setting mechanism from the reaction to combustion loads. The mechanism includes a setting cam (1501) actuated via an innovative torque storage system acting on an auxiliary piston (203) in the combustion chamber crown. The mechanism provides very fast and precise transient response without the use of hydraulic control. The invention desirably simplifies the control system and provides an elegant and compact solution for this purpose.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7840/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STABILIZING DEVICE FOR REAR STEERED TRAILING AXLES OF VEHICLES

(51) International classification	:B62D 7/14
(31) Priority Document No	:10 2009 003 248.7
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056498
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/133486
(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)SAF-HOLLAND GMBH

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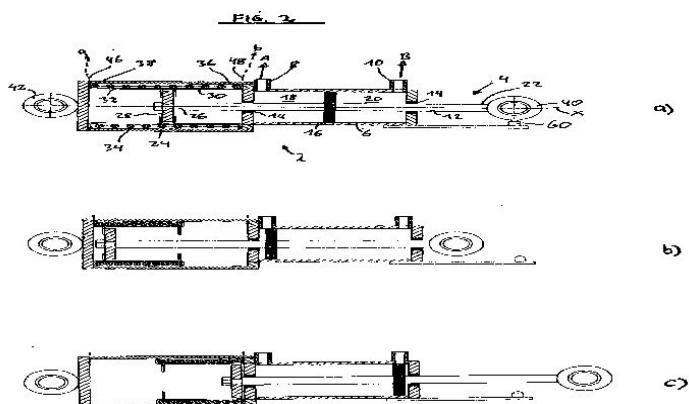
(72)Name of Inventor :

1)BUTTNER, JOSEF

2)BOHME, LUTZ

(57) Abstract :

A stabilizing device for axles of vehicles, such as motor vehicles, trailers, semi-trailers, or the like, comprising a hollow cylinder unit (2), which comprises a hollow cylinder (6) containing a fluid therein, a piston unit (4) with a piston (16) which is arranged in the hollow cylinder (6) and divides the hollow cylinder into at least two chambers (18, 20), wherein the piston unit (4) can slide relative to the hollow cylinder unit (2) in that said piston unit can be moved from an original position to a deflected position, a pre-tensioning device which tensions the piston unit (4) in the direction of the original position, and a control or regulating device which controls or regulates the fluid flow into/out of the chambers (18, 20). [Fig. 2]



No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6603/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF RECLAIMING CARBONACEOUS MATERIALS FROM SCRAP TIRES AND PRODUCTS DERIVED THEREFROM□

(51) International classification	:B23B
(31) Priority Document No	:61/162,847
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000385
Filing Date	:22/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :C/o 17 McLeod Street Ottawa Ontario K2P 0Z4 CANADA

(72)**Name of Inventor :**

1)MACINTOSH Andrew D. E.

2)WONG Vincent W. Y.

(57) Abstract :

The invention relates to recycled rubber produced by a process comprising the steps of: a) shredding cleaned rubber tires into shreds less than 2" long; b)pyrolyzing the shreds in a reaction chamber of a thermal processor in a first anaerobic environment to produce a char; c) drawing off volatile organics from the reaction chamber; c) removing the char from the reaction chamber; d) cooling the char in a second anaerobic environment; e) removing metal and textile components from the char to obtain pyroiytic carbon black; f) milling and sizing the pyroiytic carbon black so obtained into particles of 325 mesh size or smaller; and g) utilizing the pyroiytic carbon black from the previous step in a polymerization process that produces said recycled rubber. It also relates to the high quality pyroiytic carbon black recovered from this process.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7847/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EXHAUST EMISSION CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/068035
Filing Date	:14/10/2010
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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AICHI-KEN, 4718571 JAPAN.

(72)Name of Inventor :

1)TSUKAGOSHI TAKAHIRO

2)MORITA KOUJI

(57) Abstract :

An object of the present invention is to accurately control an air/fuel ratio and improve an exhaust gas purification rate even in an internal combustion engine that uses an alcohol-containing fuel. An exhaust emission control apparatus for an internal combustion engine of this invention includes: an exhaust gas purification catalyst that is arranged in an exhaust gas passage of the internal combustion engine; an air/fuel ratio sensor that is installed on an upstream side of the exhaust gas purification catalyst and detects an air/fuel ratio of an exhaust gas discharged from the internal combustion engine; air/fuel ratio feedback control means that performs feedback control of the air/fuel ratio of the internal combustion engine based on an output of the air/fuel ratio sensor; and sensor output correcting means that corrects a shift in the output of the air/fuel ratio sensor that is caused by a component included in the exhaust gas. The sensor output correcting means is configured so as to correct a shift in the output of the air/fuel ratio sensor using a lean shift amount of the air/fuel ratio sensor output in accordance with a quantity and/or a proportion of an aldehyde included in the exhaust gas.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7848/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARMATURE WINDING OF ROTATING ELECTRICAL MACHINE

(51) International classification	:H02K 3/28
(31) Priority Document No	:2009-096634
(32) Priority Date	:13/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056558
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/119853
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KABUSHIKI KAISHA TOSHIBA

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(72)Name of Inventor :

1)TOKUMASU TADASHI

2)FUJITA MASAFUMI

3)UEDA TAKASHI

4)KAKIUCHI MIKIO

(57) Abstract :

There is provided a 3-phase 2-pole 2-layer armature winding, housed in 72 slots provided in a laminated iron core, a winding of each phase including six parallel circuits separated into two phase belts comprising first and second phase belts (17, 18), each parallel circuit comprising two coil pieces, an upper coil piece (15) and a lower coil piece (16), connected in series with each other at a connection side coil end and at a non-connection side coil end, and the parallel circuits being connected such that upper coil pieces (15) of first and fourth parallel circuits are placed at 3rd, 4th, 7th, and 12th positions from the center of a pole, and lower coil pieces (16) of the first and fourth parallel circuits are placed at 1st, 6th, 9th, and 10th positions from the center of a pole, upper and lower coil pieces (15, 16) of second and fifth parallel circuits are placed at 2nd, 5th, 8th, and 11th positions from the center of a pole, and upper coil pieces (15) of third and six parallel circuits are placed at 1st, 6th, 9th, and 10th positions from the center of a pole, and lower coil pieces (16) of the third and six parallel circuits are placed at 3rd, 4th, 7th, and 12th positions from the center of a pole, when relative positions of the upper and lower coil pieces (15, 16) in one phase belt are indicated by positions counted sequentially from the center of a pole.

No. of Pages : 278 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/08/2010

(21) Application No.5670/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR REDUCING FOULING IN FURNACES

(51) International classification	:C10G
(31) Priority Document No	:61/031,237
(32) Priority Date	:25/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/034515
Filing Date	:19/02/2009
(87) International Publication No	:WO 2009/108566
(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)BAKER HUGHES INCORPORATED

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(72)Name of Inventor :

1)JOSEPH L. STARK

2)LORENZO SPAGNUOLO

3)ROGER D. METZLER

4)THOMAS FALKER

(57) Abstract :

Heat exchanger fouling in organic chemical production processes may be reduced using an antifoulant additive. The antifoulant additive may have one component selected from the group consisting of an alkylphosphate ester, and an alpha olefin maleic anhydride copolymer; or it may have two components selected from the group consisting of a metallic overbase, an alkylphosphate ester, and an alpha olefin maleic anhydride copolymer, wherein at least one of the two components is not an over-base. An additive having three components: a metallic overbase, an alkylphosphate ester, and an alpha olefin maleic anhydride copolymer; is also within the scope of the disclosure. The abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5802/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR PRODUCING (\pm)-3a,6,6,9a-TETRAMETHYL DODECAHYDRONAPHTHO[2,1-b]FURANS

(51) International classification	:C07D 307/93	(71) Name of Applicant : 1)KAO CORPORATION Address of Applicant :14-10, NIHONBASHI-KAYABACHO 1-CHOME, CHU0-KU, TOKYO 103-8210, Japan
(31) Priority Document No	:2009-033159	
(32) Priority Date	:16/02/2009	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP10/051068	1)KENJI TANINO
Filing Date	:21/01/2010	2)TAKASHI AOKI
(87) International Publication No	:WO 2010/092872	
(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 process for producing (\pm)-3a,6,6,9a-tetramethyl dodecahydronaphtho[2,1-b]furans from crude (\pm)-3a,6,6,9a-tetramethyl dodecahydronaphtho[2,1-b]furans obtained by subjecting (\pm)-3a,6,6,9a-tetramethyl dodecahydronaphtho[2,1-b]furan-2(1H)-ones which are produced by cyclizing a homofarnesyl acid amide or a monocyclohomofarnesyl acid amide in the presence of an acid agent and then hydrolyzing the cyclized product, to reduction reaction and then to cyclization reaction, said process including (i) an alkali treatment step in which the crude (\pm)-3a,6,6,9a-tetramethyl dodecahydronaphtho[2,1-b]furans are heated in the presence of an alcohol and a metal hydroxide.' and (ii) a washing treatment step in which the crude (\pm)-3a,6,6,9a-tetramethyl dodecahydronaphtho[2,1-b]furans are washed with an aqueous acid solution. The thus obtained (\pm)-3a,6,6,9a-tetramethyl dodecahydronaphtho[2,1-b]furans have a less off-odor and hardly suffer from deterioration of their smell during storage.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7856/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPOSABLE DIAPER HAVING A FASTENING TAPE WITH STEPWISE ADJUSTABLE LENGTH

(51) International classification	:A61F 13/60
(31) Priority Document No	:2009-064736
(32) Priority Date	:17/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/053696
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/106926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MARUHATA, KAZUYA

2)YOKOKAWA, HIRONOBU

(57) Abstract :

A disposable diaper comprising: a fastening tape having a tab part which is formed at one end of a tape substrate, a fixing part which is formed at the other end of the tape substrate, and an adjustment part which is formed between the tab part and the fixing part; a diaper main body having a front part, a back part and a crotch part positioned between the front part and the back part; wherein an attachment is fixed to the tab part, the fastening tape is attached to a side end of the front or back part of the diaper main body at the fixing part, the adjustment part is folded and temporarily joined to the diaper main body and/or the fastening tape at a joining part, and a length of the fastening tape between the attachment and the joining part which is the nearest to the attachment is longer than a length between an outer edge of the diaper main body and the joining part which is the nearest to the attachment. According to the disposable diaper of the present invention, the length of the fastening tape is adjustable in accordance with a size of a wearer's waist, and hence the disposable diaper of one size can be worn by people of various body types.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7858/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTINUOUS PRODUCTION OF POLY (VINYL BUTYRAL)

(51) International classification	:C08F 2/28
(31) Priority Document No	:12/426,246
(32) Priority Date	:18/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031355
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TAO, LING

2)D'HAENE, POL

3)MONIOTTE, PHILIPPE

4)VAN LIERDE, PAUL

(57) Abstract :

The present invention provides a method for continuously producing poly(vinyl butyral) in which the acetalization of poly(vinyl butyral) is carried out using a poly(vinyl alcohol) varnish provided to a mixing region of a high shear mixer at an elevated temperature, which reduces the amount of energy required compared to conventional processing because at least one cooling and heating cycle is eliminated, or makes the recuperation of energy more straightforward.

No. of Pages : 13 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.4159/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM FOR INJECTING A THERMOPLASTIC MATERIAL

(51) International classification	:B29C 45/28
(31) Priority Document No	:0858394
(32) Priority Date	:09/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/066508
Filing Date	:07/12/2009
(87) International Publication No	:WO 2010/066671
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)DERICHE, ERIC

(57) Abstract :

The invention relates to a system for injecting a thermoplastic material in the fluid state, including: a dispenser adapted to be maintained at an injection temperature higher than the temperature limit at which the material is in a fluid state; an injection nozzle defining at least one portion of a transition passage; a stopper mounted inside the transition passage so as to slide between a blocking position and an opening position thereof; and control means for alternately sliding the stopper, wherein the system is characterised in that said control means includes a jack with a rod parallel to the sliding direction of the stopper, and which is secured in an offset manner on the dispenser via a flattened beam, and a lever arranged so as to tilt about an axis so as to transmit the movements of the jack rod to the stopper.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4704/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POSITION CONTROL SYSTEM

(51) International classification	:B61L 25/02
(31) Priority Document No	:12/344,633
(32) Priority Date	:29/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066037
Filing Date	:30/11/2009
(87) International Publication No	:WO 2010/077505
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)KING STEVEN MORRIS

(57) Abstract :

A method for determining slippage of at least one wheel of at least one vehicle having a motor and a processor that communicates velocity commands to the motor for varying a velocity of the vehicle is presented. The method includes determining an actual velocity of the vehicle over regular intervals; comparing, over regular intervals, the actual velocity of the vehicle to the expected velocity from the magnitude of the velocity commands to determine whether there is slip of the wheel of the vehicle; and reducing the magnitude of the velocity commands to equal approximately the actual velocity of the vehicle where there is slip of the wheel. A system and circuit carrying out the method are also presented.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4705/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICES FOR TREATING OBESITY AND METHODS OF USING THOSE DEVICES

(51) International classification	:A61B 17/12
(31) Priority Document No	:61/140,933
(32) Priority Date	:27/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/006440
Filing Date	:07/12/2009
(87) International Publication No	:WO 2010/074712
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DUGGIRALA CHANDRA S

(57) Abstract :

Described here are devices for treating obesity. The devices are situated in the stomach and duodenum and maintain separation of the chyme stream leaving the stomach from the stream containing bile and pancreatic fluids exiting the Ampulla of Vater until well down into the small intestine. The devices, however, permit other digestive fluids to enter the chyme stream and hormones to enter the blood stream.

No. of Pages : 99 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6431/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DOMINANT GENE SUPPRESSION TRANSGENES AND METHODS OF USING SAME

(51) International classification	:A01H 1/0
(31) Priority Document No	:60/530,478
(32) Priority Date	:16/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042649
Filing Date	:16/12/2004
(87) International Publication No	:WO 2005/059121
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3485/DELNP/2006
Filed on	:16/06/2006

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(72)Name of Inventor :

1)CIGAN ANDREW M.

2)FOX TIMOTHY W.

3)HERSHEY HOWARD P.

4)UNGER ERICA

5)WU YONGZHONG

(57) Abstract :

Pairs of plants are provided in which complementing constructs result in suppression of a parental phenotype in the progeny. Methods to generate and maintain such plants, and methods of use of said plants, are provided, including use of parental plants to produce sterile plants for hybrid seed production. Also provided are regulatory elements for pollen-preferred expression of linked polynucleotides. Also provided are methods for identifying gene function, and methods for repressing transmission of transgenes.

No. of Pages : 91 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7903/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FIXTURING MEMBER AND DEVICE FOR PERMITTING MIXING IN A PEN INJECTOR

(51) International classification	:A61M 5/14
(31) Priority Document No	:61/212,702
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031264
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121045
(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)BECTON, DICKINSON AND COMPANY

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(72)Name of Inventor :

1)CRONENBERG, RICHARD

2)VEDRINE, LIONEL

(57) Abstract :

In one aspect, a fixturing member for fixing a source of flowable material relative to a pen injector so as to permit introduction of the flowable material into the pen injector is provided herein. The fixturing member includes a body having a web with opposing proximal and distal faces. A distal wall extends distally from the distal face of the web, with the distal wall at least partially encompassing a distal chamber. Features are formed on the body for removable mounting onto a pen injector. Also, features are formed on the body for mounting onto a source of flowable material. A cannula extends through the web the cannula having proximal and distal ends with a lumen extending therebetween. The distal end of the cannula is located in the distal chamber and positioned such that, with the member being mounted to a pen injector, the distal end is located to be in the pen injector. The proximal end of the cannula is located proximally of the proximally face of the web such that, with the member being mounted to a source of flowable material, the proximal end of the cannula is located to be in communication with the flowable material. Advantageously, with the subject invention, a fixturing member is provided which facilitates mixing of substances in a pen injector in preparing a pen injector for injection.

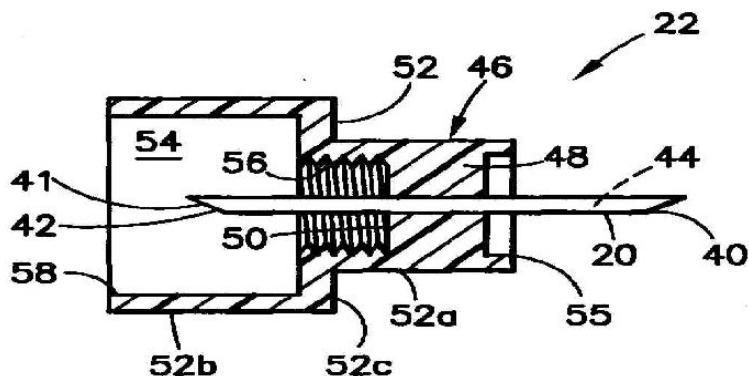


FIG.5

No. of Pages : 41 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6625/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOLDED ARTICLE TRANSFER DEVICE

(51) International classification	:B29C 45/07
(31) Priority Document No	:61/285,305
(32) Priority Date	:10/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001714
Filing Date	:03/11/2010
(87) International Publication No	:WO 2011/069237
(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)HUSKY INJECTION MOLDING SYSTEMS LTD.

Address of Applicant :500 QUEEN STREET SOUTH,
BOLTON, ONTARIO L7E 5S5, CANADA.

(72)Name of Inventor :

1)PIERRE GLAESENER

2)CHRISTOPHE HALTER

(57) Abstract :

A molded article transfer device (150, 250) is described herein that is associated, in use, with an injection mold (100, 200). The molded article transfer device (150, 250) includes a transfer structure (151, 251) that defines, amongst other things, a first aperture (154A) that is structured to receive a first molded article (102A) from a first mold stack (106A, 206A) of the injection mold (100). The transfer structure (151, 251) also defines a first branch channel (156A) and a first trunk channel (158A) through which the first molded article (102A) is passable. The first branch channel (156A) connects the first aperture (154A) with the first trunk channel (158A) for passing, in use, the first molded article (102A) thereto, whereafter it passes through the first trunk channel (158A) towards an exit (164A) thereof.

No. of Pages : 42 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6626/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR MANUFACTURE OF PV SOLAR CELLS OR THIN FILM SOLAR MODULES

(51) International classification	:B65G 17/40
(31) Priority Document No	:61/155,944
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025513
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099389
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)REYNOLDS, REESE
2)MANSOUR, WAIL GEORGE
3)DIPETRO, MARK
4)JONES, CHETWYN**

(57) Abstract :

The present invention relates to equipment used to manufacture PV cells or modules. In some embodiments, a support structure is provided that provides support for substrates used in the manufacture of PV cells or modules. The support structure provides support for the substrate at the edge, allows access to the rear of the substrate and is composed of materials that do not contaminate the substrate during processing.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7800/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REGIOSELECTIVELY SUBSTITUTED CELLULOSE ESTERS PRODUCED IN A TETRAALKYLAMMONIUM ALKYLPHOSPHATE IONIC LIQUID PROCESS AND PRODUCTS PRODUCED THEREFROM

(51) International classification	:C08B 1/00
(31) Priority Document No	:61/169,560
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/004624 :13/08/2009
(87) International Publication No	:WO 2010/120268
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)EASTMAN CHEMICAL, COMPANY

Address of Applicant :200 SOUTH WILCOX DRIVE,
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(72)**Name of Inventor :**

1)CHARLES MICHAEL BUCHANAN

2)NORMA LINDSEY BUCHANAN

3)ELIZABETH GUZMAN-MORALES

(57) Abstract :

This invention relates a cellulose solution comprising cellulose and at least one tetraalkylammonium alkylphosphate and processes to produce the cellulose solution. Another aspect of this invention relates to shaped articles prepared from a cellulose solution comprising cellulose and at least one tetraalkylammonium alkylphosphate. Another embodiment of this invention relates to compositions comprising derivatives of cellulose prepared from a cellulose solution comprising at least one tetraalkylammonium alkylphosphate. Another embodiment of this invention relates to compositions comprising regioselectively substituted cellulose esters prepared from a cellulose solution comprising cellulose and at least one tetraalkylammonium alkylphosphate. In another embodiment of the invention, the cellulose esters of the present invention are used as protective and compensation films for liquid crystalline displays.

No. of Pages : 80 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7923/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VINYL ACETATE/ETHYLENE (VAE) COPOLYMERS FOR FABRIC FINISHING

(51) International classification	:D06M 15/21
(31) Priority Document No	:61/202,855
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031333
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)HARRIE P. SCHOOOTS

2)NEERAJ NAGPAL

3)DALIA I. EICKEN

4)VINH V. NGUYEN

5)JENNIFER S. KAUFFMAN

(57) Abstract :

A method of finishing a textile comprising the steps of: (a) preparing an aqueous finishing liquor comprising from 0.05 wt. % solids to 65 wt.% solids of a finishing resin selected from the group comprising: vinyl acetate emulsion resins, including copolymers such as vinyl acetate ethylene emulsions, vinyl acetate acrylics, acrylic emulsions, polyvinyl alcohol resins, including polyvinyl alcohol vinyl formamide copolymers, polyvinyl alcohol vinyl amine copolymers, sulfonic acid functionalized polyvinyl alcohol resins, modified polyvinyl alcohol resins generally; and mixtures thereof; (b) saturating the textile with the finishing liquor to incorporate the liquor into the textile so as to provide a wetted textile; and (c) processing the wetted textile at elevated temperature under conditions which are controlled such that the finishing resin is inter-associated with the fibers of the textile; wherein the finishing resin is durably and uniformly inter-associated with the textile fiber surfaces at an add-on level of from 0.05 wt.% to less than 65 wt.% and is operative to alter at least one comfort-related property of the textile.

No. of Pages : 88 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.4096/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NEW PROCESS FOR THE PREPARATION OF 1-[5-(3-CHLORO-PHENYL) -ISOXAZOL-3-YL]-ETHANONE AND (R)-1-[5-(3-CHLORO-PHENYL) - ISOXAZOL-3-YL]-ETHANOL

(51) International classification	:C07D 261/08
(31) Priority Document No	:61/138,741
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE09/051405
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/071558
(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)ASTRAZENECA AB,

Address of Applicant :S-151 85 SODERTALJE, SWEDEN

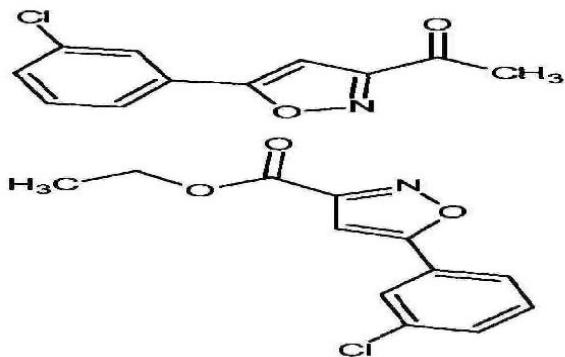
(72)Name of Inventor :

1)HANS ASTROM

2)ELFYN JONES

(57) Abstract :

The present invention provides a process for the preparation of the compound 1-[5-(3-chloro-phenyl)-isoxazol-3 -yl] -ethanone: wherein the compound ethyl 5-(3-chlorophenyl)-isoxazole-3-carboxylate of the formula dissolved in a solvent, is reacted with CH₃MgX dissolved in a solvent, wherein X is chlorine or bromine, thereby providing the compound 1-[5-(3-chloro-phenyl)-isoxazol-3-yl]-ethanone dissolved in said solvent.



No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.4752/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STORAGE AND/OR INTRODUCTION OF IMPLANT FOR HOLLOW ANATOMICAL STRUCTURE

(51) International classification	:A61B 17/08
(31) Priority Document No	:61/139,509
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068872
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/071856
(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)TYCO HEALTHCARE GROUP, L.P.

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(72)**Name of Inventor :**

1)KARABEY, HALIL, I.

2)MIRIZZI, MICHAEL, S.

3)BOENIG, WILLIAM, N.

4)RAY, MIRANDA M.

(57) Abstract :

An apparatus for introducing an implant into a hollow anatomical structure. The apparatus comprises a storage unit; an elongate vascular implant stored inside the storage unit and having a distal end; and a pushrod at least partially stored inside the storage unit and having a distal end coupled to the distal end of the implant. The implant diverges from adjacency with the pushrod as the implant extends away from the distal end of the pushrod, such that the pushrod forms a force application region near the distal end of the pushrod. The force application region is accessible for force application but separated from the implant.

No. of Pages : 152 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.4753/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHARMACEUTICAL BOLUS INJECTIBLE COMPOSITION

(51) International classification	:A61K
(31) Priority Document No	:60/370,213
(32) Priority Date	:08/04/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/010540
Filing Date	:08/04/2003
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2949/DeLNP/2004
Filed on	:29/09/2004

(71)Name of Applicant :

1)Eisai Inc.

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(72)Name of Inventor :

1)WINGARD Peggy

2)BURAK Eric S.

3)GIBIANSKI Ekaterina

4)VORNOV James V.

(57) Abstract :

The present invention is directed to pharmaceutical compositions containing water-soluble prodrugs of propofol and methods of administering the prodrug. In one aspect, a method of inducing and/or maintaining a generalized anesthetic state comprises administering by parenteral infusion a prodrug of propofol in an amount sufficient to cause and /or maintain loss of consciousness. In another aspect, a prodrug of propofol is administered for producing a sedated state in a subject.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7893/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STEAM POWER PLANT HAVING SOLAR COLLECTORS

(51) International classification	:F03G 6/00
(31) Priority Document No	:102009018027.3
(32) Priority Date	:18/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001037
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/118796
(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)ALSTOM TECHNOLOGY LTD.

Address of Applicant :BROWN BOVERI STRAE 7/664/2,
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(72)**Name of Inventor :**

1)H-TZEL, BJORN

2)KITZMANN, EWALD

3)SCHLE, VOLKER

(57) Abstract :

The invention relates to a method and to a steam power plant, wherein solar energy can be very flexibly and very efficiently coupled into the water steam circuit of the steam power plant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7896/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PRODUCTION OF SATURATED AMMONIA STORAGE MATERIALS

(51) International classification	:C07K
(31) Priority Document No	:09 005 369.5
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002266
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/118853
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :GLADSAXEVEJ 363, 2860 SOBORG,
THAILAND

(72)Name of Inventor :

1)JOHANSEN, JOHNNY

2)WAGNER-PEDERSEN, HENRIK

3)SVAGIN, JAKOB

4)JOHANNESSEN, TUE

5)QUAADE, ULRICH

(57) Abstract :

A process for saturating a solid material capable of binding ammonia by ad- or absorption and initially free of ammonia or partially saturated with ammonia comprises treating said solid material under a pressure and associated temperature located on the vapor pressure curve of ammonia with an amount of liquid ammonia sufficient to saturate said solid material and an additional amount of a cooling agent selected from liquid ammonia, liquid or solid CO₂, hydrocarbons and hydrohalocarbons that have a higher vapour pressure than ammonia, ethyl ether, methyl formate, methyl amine and ethyl amine, such that | Q_{abs} | ≤ | Q_{evap} | + Q_{ext}, wherein Q_{abs} is the amount of heat released from said solid material when it absorbs ammonia from the liquid phase thereof to the point where it is saturated with ammonia, Q_{evap} is the amount of heat absorbed by said cooling agent when it evaporates, and Q_{ext} is the amount of heat exchanged with the surroundings and is positive, if heat is removed from the process by external cooling, and negative, if heat is added to the process from the surroundings.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3085/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EQUIPMENT CASE

(51) International classification	:H05K 7/20
(31) Priority Document No	:NA
(32) Priority Date	:-
(33) Name of priority country	:
(86) International Application No	:PCT/GB2009/051443
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/049727
(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)BAE SYSTEMS PLC

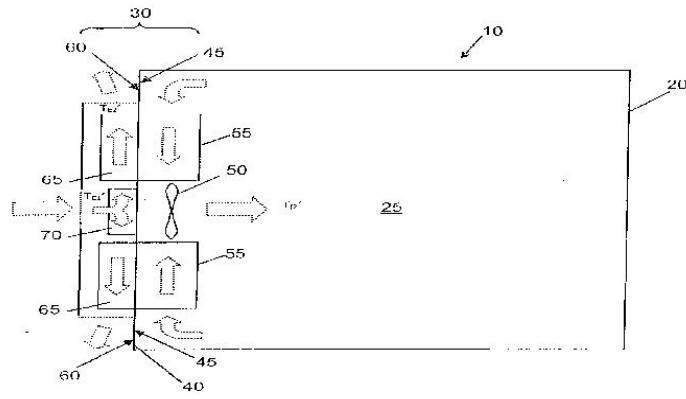
Address of Applicant :6 CARLTON GARDENS, LONDON,
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(72)Name of Inventor :

1)ADRIAN THOMAS ROWE

(57) Abstract :

An equipment case is provided. The case comprises a sealed housing unit configured to receive an item of equipment. Cooling means, associated with the housing unit, are provided for maintaining an operational thermal environment within the equipment case. Figure 2



No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3641/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DENTAL APPLIANCE CLEANSER

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/115,164
(32) Priority Date	:17/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064661
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/057140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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19102, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SEAN M. WETTERER

(57) Abstract :

This disclosure relates to a persulfate-free dental appliance cleanser containing a low-concentration of chlorhexidine, or a pharmaceutically acceptable salt thereof.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3835/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR REGULATING PRESSURE OF A FLUID SUPPLIED BY A VARIABLE SPEED PUMP

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)ROBERT BOSCH GmbH
	010 218.3	Address of Applicant :POSTFACH 30 02 20, 70442
(32) Priority Date	:03/02/2011	STUTTGART, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)MUELLER, KARSTEN
Filing Date	:NA	2)SCHUEREN, VOLKER
(87) International Publication No	:NA	3)SPATZ, BERND
(61) Patent of Addition to Application Number	:NA	4)HOLL, DIETER
Filing Date	:NA	5)HEROLD, DIRK-WALTER
(62) Divisional to Application Number	:NA	6)SCHEMM, EBERHARD
Filing Date	:NA	7)HAUG, WOLFGANG

(57) Abstract :

Described herein is a method for regulating pressure of a fluid supplied by a variable speed pump (200). An actual pressure (p_M) is regulated to a desired pressure (p) by an appropriate control of a variable speed drive (221, 222, 223) of the pump (200). The actual pressure (p_M) is determined from a driving torque and a temporal change in a rotor position (f) an electric motor (221) of a drive.

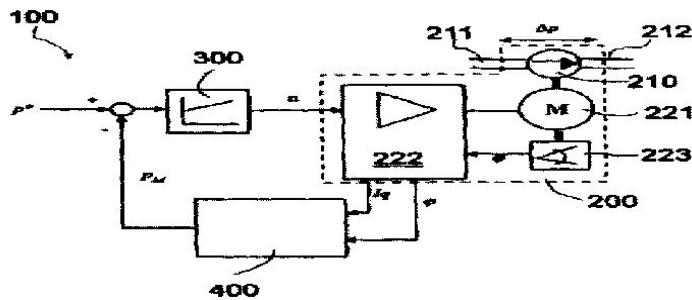


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7791/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND RELATED METHOD FOR THE RECOVERY AND THE PNEUMATIC TRANSPORTATION OF DUST COMING FROM A FILTRATION SYSTEM□

(51) International classification	:B67B
(31) Priority Document No	:BO2009A 000147
(32) Priority Date	:11/03/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/000503
Filing Date	:10/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MARCHESINI Vainer

(57) Abstract :

An apparatus (100) and related method for the recovery and the pneumatic transportation of dust coming from a filtration system (10) provided with a particulate collection hopper (12). The apparatus (100) comprises: - an intermediate chamber (14) for the passage of the particulate towards the evacuation means (30); and - shutting means (20) for a bottom opening (API) of said hopper (12). The apparatus (100) is characterised in that the shutting means (20) comprise in turn a shutter (21) moved according to an arrow (ARW) by the action of intermittent pressurised air that flows in a control conduit (24) forming part of said shutting means (20). Furthermore the evacuation means (30) comprise elements specifically a nozzle (34) aligned with a Venturi (35) to produce a pressure drop in the intermediate chamber (14).

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7913/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD TO ESTIMATE COMPRESSIONAL TO SHEAR VELOCITY (VP/NS) RATIO IN A REGION REMOTE FROM A BOREHOLE

(51) International classification	:G01V 1/46
(31) Priority Document No	:61/170,070
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/031490 :16/04/2010
(87) International Publication No	:WO 2010/121202
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

1)JOHNSON, PAUL, A.

2)VU, CUNG

3)TENCATE, JAMES, A.

4)GUYER, ROBERT

5)LE BAS, PIERRE-YVES

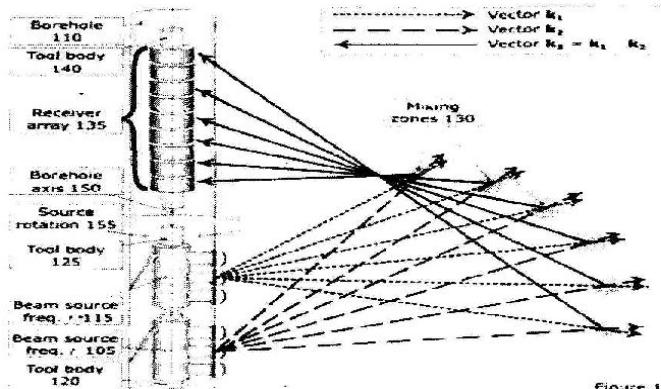
6)NIHEI, KURT, T.

7)SCHMITT, DENIS, P.

8)SKELT, CHRISTOPHER

(57) Abstract :

In some aspects of the disclosure, a method for creating three-dimensional images of non-linear properties and the compressional to shear velocity ratio in a region remote from a borehole using a conveyed logging tool is disclosed. In some aspects, the method includes arranging a first source in the borehole and generating a steered beam of elastic energy at a first frequency; arranging a second source in the borehole and generating a steerable beam of elastic energy at a second frequency, such that the steerable beam at the first frequency and the steerable beam at the second frequency intercept at a location away from the borehole; receiving at the borehole by a sensor a third elastic wave, created by a three wave mixing process, with a frequency equal to a difference between the first and second frequencies and a direction of propagation towards the borehole; determining a location of a three wave mixing region based on the arrangement of the first and second sources and on properties of the third wave signal; and creating three-dimensional images of the nonlinear properties using data recorded by repeating the generating, receiving and determining at a plurality of azimuths, inclinations and longitudinal locations within the borehole. The method is additionally used to generate three dimensional images of the ratio of compressional to shear acoustic velocity of the same volume surrounding the borehole.



No. of Pages : 35 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6572/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COFFEE BEAN PACKAGING CARTRIDGE AND COFFEE BEVERAGE SYSTEM INCLUDING SAME

(51) International classification	:A47J 31/42	(71) Name of Applicant : 1)SARA LEE/DE B.V Address of Applicant :KEULSEKADE 143, 3532 AA UTRECHT, THE NETHERLAND
(31) Priority Document No	:2002542	
(32) Priority Date	:17/02/2009	
(33) Name of priority country	:Netherlands	
(86) International Application No	:PCT/NL2010/050077	(72) Name of Inventor :
Filing Date	:17/02/2010	1)IVO VAN OS
(87) International Publication No	:WO 2010/095937	2)JOB LEONARDUS KNEPPERS
(61) Patent of Addition to Application Number	:NA	3)RICHARD PATRICK VERSLUIS
Filing Date	:NA	4)CHRISTIAAN JOHANNES MARIA MOORMAN
(62) Divisional to Application Number	:NA	5)GERBRAND KRISTIAAN DE GRAAFF
Filing Date	:NA	

(57) Abstract :

A coffee bean packaging cartridge for holding and supplying multiple servings of coffee beans can be connected to a coffee beverage system. The cartridge includes a container having an outer wall defining an interior volume and an opening at one end thereof. A permanent, preferably non-removable closure member is fitted to the one end of the container and substantially covers the opening. An exit passage in the closure member, defines a coffee bean outlet, for transferring coffee beans from the interior volume. The closure member further has relatively movable closing means for selectively closing the exit passage to reduce exposure of the coffee bean contents to surrounding air. The cartridge further includes connecting means for connecting the cartridge to a coffee beverage system. There is also provided a coffee beverage system that includes the coffee bean packaging cartridge as defined above and at least a dosing device and a grinding mechanism. The dosing device may include a metering chamber for receiving a portion of coffee beans corresponding to an amount necessary for preparing a single serving of coffee beverage. [Fig. 1]

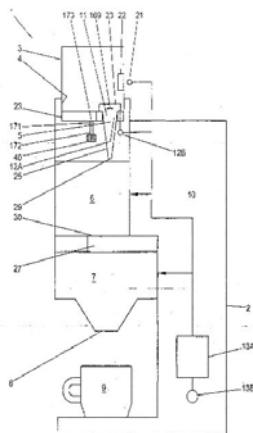


FIG. 1

No. of Pages : 96 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.7082/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH-FLUIDITY AND NON-CAKING PULVERULENT CRYSTALLINE MALTITOL COMPOSITION□

(51) International classification	:A23L	(71) Name of Applicant :
(31) Priority Document No	:08 52352	1)ROQUETTE FRERES
(32) Priority Date	:08/04/2008	Address of Applicant :F- 62136 Lestrem FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2009/050591	1)LEFEVRE Philippe
Filing Date	:07/04/2009	2)LIS Jos
(87) International Publication No	: NA	3)RIBADEAU-DUMAS Guillaume
(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 pulverulent crystalline maltitol composition, characterized in that it has a laser volume mean diameter between 10 and 150 µm; in that it has a maltitol content between 80 and 99.9% by weight; in that at least 50% by weight of its particles flow through a sieve having a cut-off threshold of 2000 µm according to a test A1; in that at least 35% by weight of its particles flow through a sieve having a cut-off threshold of 2000 µm according to a test A2; and in that it comprises from 0.1 to 20% by weight of at least one water-insoluble anti-caking agent, said anti-caking agent having a hygroscopicity, determined according to the test B, between 2.5 and 25%. This composition is not subject to caking, and finds applications in the food and pharmaceutical fields.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7942/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COOLING PLATE FOR A METALLURGICAL FURNACE

(51) International classification	:C21B 7/10
(31) Priority Document No	:91551
(32) Priority Date	:14/04/2009
(33) Name of priority country	:Luxembourg
(86) International Application No	:PCT/EP2010/054770
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/119013
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MAGGIOLI, NICOLAS

2)GARRATT, DALLAS

(57) Abstract :

A cooling plate (10) for a metallurgical furnace comprises a body (12) with a front face (14) and an opposite rear face (16), as well as coolants channel (18) therein; a plurality of lamellar ribs (24) on its front face, two consecutive ribs (24) being spaced by a groove (22); and inserts (26) fixed in the grooves (22) and projecting from the front face (14). The inserts (26) have an upper side projecting from the bottom edge of the rib directly above, which is configured so as to form a collecting surface (28) on which, in use, furnace burden material accumulates up to the top edge (32) of the rib (24) directly above.

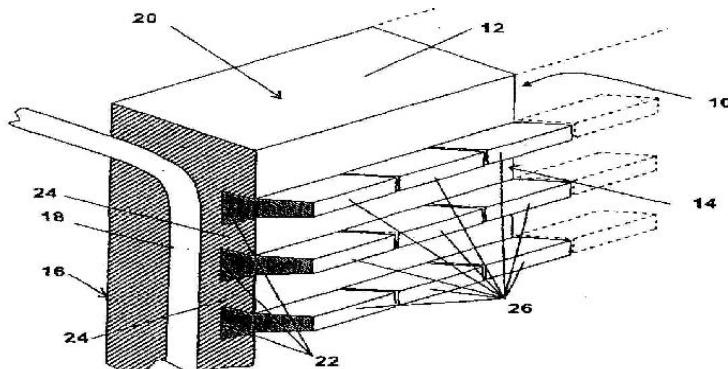


Figure 1

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7945/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VALIDATION AND/OR AUTHENTICATION OF A DEVICE FOR COMMUNICATION WITH A NETWORK

(51) International classification	:H04W 12/10
(31) Priority Document No	:61/169,630
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031226
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121020
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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- 3)SCHMIDT, ANDREAS
- 4)LEICHER, ANDREAS
- 5)KAUR, SAMIAN, J.
- 6)GREDONE, JOSEPH

(57) Abstract :

A device may include a trusted component. The trusted component may be verified by a trusted third party and may have a certificate of verification stored therein based on the verification by the trusted third party. The trusted component may include a root of trust that may provide secure code and data storage and secure application execution. The root of trust may also be configured to verify an integrity of the trusted component via a secure boot and to prevent access to the certain information in the device if the integrity of the trusted component may not be verified.

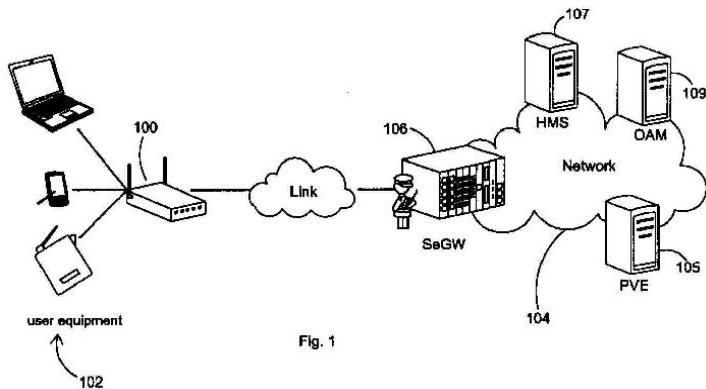


Fig. 1

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6461/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VIRTUAL SERVICE PROVIDER SYSTEMS

(51) International classification	:G06F 9/46
(31) Priority Document No	:61/206,354
(32) Priority Date	:28/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021381
Filing Date	:19/01/2010
(87) International Publication No	:WO 2010/088094
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GREGORY G. RALEIGH

(57) Abstract :

Various embodiments are disclosed for a services policy communication system and method. In some embodiments, a network device executes a service controller for a plurality of device groups, in which the service controller includes a capability to securely partition one or more device group database partitions, each device group partition includes service controller system settings, and each device group includes a plurality of communication devices controlled by a virtual service provider.

No. of Pages : 342 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6592/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:G07F 19/00
(31) Priority Document No	:200904119-5
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2010/000222
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/147559
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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- 1)IBASCO, ALEX D.**
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- 3)TIU, DARLENE KATHERINE L.**
- 4)SALVADOR, RODRIGO S.**
- 5)PALERMO, CHRISTOPHER R**

(57) Abstract :

A transaction method and system comprising receiving a request to change a transaction channel or mode of an account having a plurality of transaction channels/modes from a first state to a second state; and changing the state of the transaction channel/mode to the second state in response to the received request is disclosed. The invention further discloses a transaction facilitator for facilitating transactions in relation to an account having a plurality of transaction channels or modes, and operable to receive via the communication network a request from an owner of the account to change the state of a transaction channel/mode of the plurality of transaction channels/modes from a first state to a second state; wherein, upon receipt of the request the transaction facilitator is operable to change the state of the transaction channel to the second state.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7806/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCTION OF SCALING IN PURIFICATION OF AQUEOUS SOLUTIONS

(51) International classification	:C02F 5/02
(31) Priority Document No	:61/168,501
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030759
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/118425
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)THIERS EUGENE

(57) Abstract :

A method for removing hydrocarbons and scale forming compounds from tap water, contaminated aqueous solutions, seawater, and saline brines, such as produce water, comprising the addition of carbonate ions by CO₂ sparging, or divalent cations, so as to precipitate calcium and magnesium carbonates by adjusting pH to about 10.2, thus permanently sequestering CO₂ from the atmosphere, and then removing such precipitates sequentially for either sale or disposal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7930/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BEAM ALIGNMENT SYSTEM USING ARRAYED LIGHT SOURCES

(51) International classification	:G02B 27/10
(31) Priority Document No	:12/473,451
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001557
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)BARRY D. SILVERSTEIN

2)JAMES ROBERT KIRCHER

3)MARK A. HARLAND

(57) Abstract :

A beam alignment system for generating an aligned two-dimensional array of parallel light beams, comprising a beam alignment chamber including a base extending in a length direction and a plurality of reflectors mounted on the base, each having independent yaw and pitch adjustments. The beam alignment system further includes a plurality of arrays of light sources, each generating an array of light beams and being paired with a corresponding reflector, the reflectors being disposed to direct the light beams along the length of the beam alignment chamber forming an aligned two-dimensional array of parallel light beams.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7932/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 4-AZETIDINYL-1-HETEROARYL-CYCLOHEXANE ANTAGONISTS OF CCR2

(51) International classification	:C07D 401/08
(31) Priority Document No	:61/169,876
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031212
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121011
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)HEATHER RAE HUFNAGEL

3)CHAOZHONG CAI

4)JAMES LANTER

5)THOMAS P. MARKOTAN

6)ZHIHUA SUI

(57) Abstract :

The present invention comprises compounds of Formula (I). wherein: X, R1, R2, R3, and R4 are as defined in the specification. The Invention also comprises a method of preventing, treating or ameliorating a syndrome, disorder or disease, wherein said syndrome, disorder or disease is type II diabetes, obesity and asthma. The invention also comprises a method of inhibiting CCR2 activity in a mammal by administration of a therapeutically effective amount of at least one compound of Formula (I).

No. of Pages : 175 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.7780/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HOMOGENEOUS AGGLUTINATION IMMUNOASSAY METHOD AND KIT FOR SUCH METHOD

(51) International classification	:A01K
(31) Priority Document No	:09005395.0
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002301
Filing Date	:14/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)MARTIN BURKHARD

(57) Abstract :

A homogeneous agglutination immunoassay method wherein a sample possibly containing the analyte to be measured is mixed with a binding partner for the analyte and with at least one chaotropic agent, monovalent ions in form of at least one salt, or with a combination of at least one chaotropic agent and monovalent ions in form of at least one salt, measuring at least one signal related to interactions of the binding partner with the analyte over a reaction time and calculating from at least one of the signals measured the concentration of analyte in the sample.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.7785/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ENDLESS CONVEYOR CHAIN

(51) International classification	:B65G 17/20
(31) Priority Document No	:0951451 (FR)
(32) Priority Date	:09/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000101
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/103196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)VEGNADUZZO, ANDRE

2)LEREBOURG, MICHEL

(57) Abstract :

Endless conveyor chain carrying jointly and at distances well-defined by the structure and the circulation way, suspended nacelles which receive different products. The chain (1) is composed of an alternation of outside plates (23) links (20) and inside plates (13) links (10), joined by axles (11, 21), and the nacelles are carried by support links (40) (outside plates links), distributed along the chain. On a chain segment between two support links (40), one successive outside link (20) and one inside link (10) are replaced by a unique middle link (30), which length is equal to the length of a link composed of two axles (31, 32), joined by middle plates (33), each one composed of an outside part (33e), working as an outside plate (20) and an inside part (33i) working as an inside plate (10).

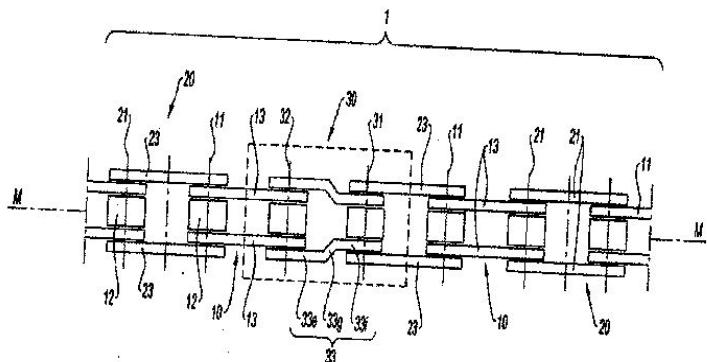


Fig. 1

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8033/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A BINDER FOR LITHIUM ION RECHARGEABLE BATTERY CELLS

(51) International classification	:H01M 4/62
(31) Priority Document No	:0908088.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000923
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/130976
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LAIN MICHAEL JONATHAN

3)KRONFLI ESAM

(57) Abstract :

An electrode for a lithium ion rechargeable battery cell is provided, the battery comprising current collectors (10, 12), a cathode layer (16), a separator and a cohesive anode mass (14), the cohesive mass comprising silicon as an active material and a polymeric binder, characterized in that the polymeric binder is a homo-polymer or copolymer of one or more monomers selected from the group consisting of acrylic acid, 3-butenoic acid, 2-methacrylic acid, 2-pentenoic acid, 2,3-dimethylacrylic acid, 3,3-dimethylacrylic acid, trans-butenedioc acid, cis- butenedioc acid and itaconic acid and optionally an alkali metal salt thereof. The silicon comprises 20 to 100% of the active material in the cohesive mass. The binder is mixed with the silicon to form the cohesive mass that adheres to the current collector and maintains said cohesive mass in electrical contact with the current collector (12). (Figure 1)

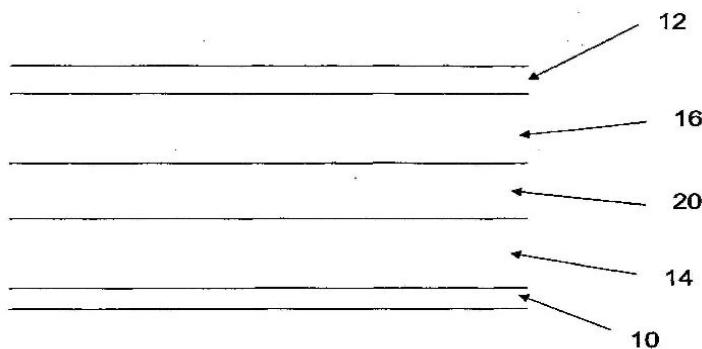


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.8294/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH HAZE TRANSPARENT CONTACT INLCUDING ION-BEAM TREATED LAYER FOR SOLAR CELLS, AND/OR METHOD OF MAKING THE SAME

(51) International classification	:H01L 31/18
(31) Priority Document No	:12/591,061
(32) Priority Date	:05/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002860
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/056207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)KRASNOV, ALEXEY

(57) Abstract :

Certain example embodiments of this invention relate to a front transparent conductive electrode for solar cell devices (e.g., amorphous silicon or a-Si solar cell devices), and/or methods of making the same. Advantageously, certain example embodiments enable high haze to be realized in the top layer of the thin film stack. In certain example embodiments, an insertion layer comprising ITO or AZO is provided between a layer of AZO and a layer of ITO. The AZO may be deposited at room temperature. The insertion layer is provided with an oxygen content selected so that the insertion layer sufficient to alter the crystalline growth of the layer of AZO compared to a situation where no insertion layer is provided. In certain example embodiments, the layer of ITO may be ion-beam treated so as to roughen a surface thereof. The ion beam treating may be performed a voltage sufficient to alter the crystalline growth of the layer of AZO compared to a situation where no insertion layer is provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6437/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPLAYING INFORMATION

(51) International classification	:G06F 3/048
(31) Priority Document No	:12/367,885
(32) Priority Date	:09/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/050563
Filing Date	:08/02/2010
(87) International Publication No	:WO 2010/089722
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KARIMAKI, KIMMO JUHANI

(57) Abstract :

Some example embodiments are directed to displaying a portion of a list of items and determining a selection of an icon in the list that when activated allows an item to be added to the list.

No. of Pages : 47 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2011

(21) Application No.6438/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TISSUE-SPECIFIC AGING BIOMARKERS

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/209,854
(32) Priority Date	:01/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/000721 :10/03/2010
(87) International Publication No	:WO 2010/104573
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)HANNAH, STEVEN, SCOTT

5)MIDDLETON, RONDO, PAUL

6)JACKSON, JANET, ROSANN

7)BARGER, JAMIE, LOUIS

8)PUGH, THOMAS, DARWIN

(57) Abstract :

The invention provides methods of developing tissue-specific biomarkers of aging, sets of robust biomarkers identified by those methods, and uses of the biomarkers to identify nutrients and other functional ingredients or agents having anti-aging properties.

No. of Pages : 55 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7792/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PESTICIDAL COMPOSITIONS

(51) International classification	:A61K 31/44	(71)Name of Applicant :
(31) Priority Document No	:61/175,659	1)DOW AGROSCIENCES LLC
(32) Priority Date	:05/05/2009	Address of Applicant :9330 ZIONSVILLE ROAD, INDIANAPOLIS, IN 46268-1054, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/034467 :04/05/2010	1)TONY TRULLIGER
(87) International Publication No	:WO 2010/129497	2)RICKY HUNTER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)NEGAR GARIZI
(62) Divisional to Application Number Filing Date	:NA :NA	4)MAURICE YAP
		5)ANN BUYSSE
		6)DAN PERNICH
		7)TIOMTHY JOHNSON
		8)KRISTY BRYAN
		9)CARL DEAMICIS
		10)YU ZHANG
		11)NOORMOHAMED NIYAZ
		12)CASANDRA MCLEOD
		13)RONALD ROSS
		14)YUANMING ZHU
		15)PETER JOHNSON
		16)JOSEPH ECKELBARGER
		17)MARSHALL PARKER

(57) Abstract :

This document discloses molecules having the following formula (Formula I):

No. of Pages : 246 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7796/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CELLULOSE SOLUTIONS COMPRISING TETRAALKYLMONIUM ALKYLPHOSPHATE AND PRODUCTS PRODUCED THEREFROM

(51) International classification	:C08B 1/00	(71) Name of Applicant :
(31) Priority Document No	:61/169,560	1)EASTMAN CHEMICAL, COMPANY
(32) Priority Date	:15/04/2009	Address of Applicant :200 SOUTH WILCOX DRIVE, KINGSPORT, TENNESSEE 37660, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/004626	1)CHARLES MICHAEL BUCHANAN
Filing Date	:13/08/2009	2)NORMA LINDSEY BUCHANAN
(87) International Publication No	:WO 2010/120269	3)ELIZABETH GUZMAN-MORALES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates a cellulose solution comprising cellulose and at least one tetraalkylammonium alkylphosphate and processes to produce the cellulose solution. Another aspect of this invention relates to shaped articles prepared from a cellulose solution comprising cellulose and at least one tetraalkylammonium alkylphosphate. Another embodiment of this invention relates to compositions comprising derivatives of cellulose prepared from a cellulose solution comprising at least one tetraalkylammonium alkylphosphate. Another embodiment of this invention relates to compositions comprising regioselectively substituted cellulose esters prepared from a cellulose solution comprising cellulose and at least one tetraalkylammonium alkylphosphate. In another embodiment of the invention, the cellulose esters of the present invention are used as protective and compensation films for liquid crystalline displays.

No. of Pages : 80 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7798/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A HYDROTREATING CATALYST SYSTEM SUITABLE FOR USE IN HYDROTREATING HYDROCARBONACEOUS FEEDSTREAMS

(51) International classification	:B01J 21/08	(71) Name of Applicant : 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Address of Applicant :1545 ROUTE 22 EAST, P.O. BOX 900, ANNANDALE, NEW JERSEY 08801-0900, U.S.A.
(31) Priority Document No	:12/384,076	
(32) Priority Date	:31/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US10/000945	
Filing Date	:30/03/2010	
(87) International Publication No	:WO 2010/114596	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GARY P. SCHLEICHER
(62) Divisional to Application Number	:NA	2)KENNETH L. RILEY
Filing Date	:NA	

(57) Abstract :

A stacked bed catalyst system comprising at least one first catalyst selected from conventional hydrotreating catalyst having an average pore diameter of greater than about 10 nm and at least one second catalyst comprising a bulk metal hydrotreating catalyst comprised of at least one Group VIII non-noble metal and at least one Group VIB metal and optionally a binder material.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7920/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR INCREASING CONCENTRATION OF AVENANTHRAMIDES IN OATS

(51) International classification

:C12P 13/02

(31) Priority Document No

:61/163,975

(32) Priority Date

:27/03/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/CA2010/000458

Filing Date

:25/03/2010

(87) International Publication No

:WO 2010/108277

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HER MAJESTY THE QUEEN IN RIGHT OF CANADA
AS REPRESENTED BY THE MINISTER OF
AGRICULTURE AND AGRI-FOOD**

Address of Applicant :SASKATOON RESEARCH CENTRE,
107 SCIENCE PLACE SASKATOON, SASKATCHEWAN S7N
OX2 CANADA [CA] Canada

(72)Name of Inventor :

**1)COLLINS, FRANK, WILLIAM
2)BURROWS, VERNON, DOUGLAS**

(57) Abstract :

Methods for increasing the levels of avenanthramides in oats through false malting is disclosed. Oats are first subject to induction or enhancement of a secondary dormancy, and then malted for up to 5 days at an elevated temperature. The malted but not germinated oats are then dried and used as is, or further processed or milled to produce food, feed, nutraceutical or personal care products and ingredients. Methods are also provided for rendering non-dormant oats dormant and thus suitable for false malting.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.8305/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTRAOCULAR SUSTAINED RELEASE DRUG DELIVERY SYSTEMS AND METHODS FOR TREATING OCULAR CONDITIONS

(51) International classification	:A61K 31/5575	(71) Name of Applicant : 1)ALLERGAN INC. Address of Applicant :2525 DUPONT DRIVE, T2-7H, IRVINE, CA 92612, U.S.A.
(31) Priority Document No	:12/411,250	
(32) Priority Date	:25/03/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/028584 :25/03/2010	1)MICHAEL R. ROBINSON 2)JAMES A. BURKE 3)HUI LIU 4)WERHNER C. ORILLA 5)LON T. SPADA 6)SCOTT WHITCUP 7)ALAZAR N. GHEBREMESKEL 8)PATRICK M. HUGHES 9)KUN XU 10)MARIANNE M. DO
(87) International Publication No	:WO 2010/111449	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Biocompatible, bioerodible sustained release implants and microspheres for intracameral or anterior vitreal placement include an anti-hypertensive agent and a biodegradable polymer effective to treat an ocular hypertensive condition (such as glaucoma) by relapsing therapeutic amount of the anti-hypertensive agent over a period of time between 10 days and 1 year.

No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7914/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USE OF HYDROPHOBIC DYES TO MONITOR HYDROPHOBIC CONTAMINANTS IN A PAPERMAKING PROCESS

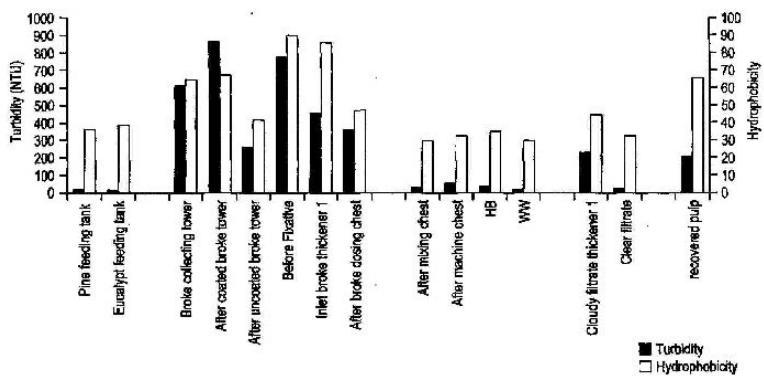
(51) International classification	:G01N 33/34	(71) Name of Applicant :
(31) Priority Document No	:12/405,807	1)NALCO COMPANY
(32) Priority Date	:17/03/2009	Address of Applicant :1601 W. DIEHL ROAD, NAPERVILLE, ILLINOIS 60563-1198 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/027380 :16/03/2010	1)GERLI, ALESSANDRA 2)SHERMAN, LAURA M. 3)MURCIA, MICHAEL J.
(87) International Publication No	:WO 2010/107725	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of monitoring and controlling one or more types of hydrophobic contaminants in a papermaking process is disclosed. The methodology utilizes the measurement of hydrophobic dyes, which are capable of fluorescing and interacting with the hydrophobic contaminants. In addition, a method of determining the relative size of the hydrophobic contaminants is disclosed as well.

FIG. 1

Colloidal Contaminant Mapping



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8183/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DATA CLASSIFICATION PIPELINE INCLUDING AUTOMATIC CLASSIFICATION RULES

(51) International classification	:G06F 17/00
(31) Priority Document No	:12/427,755
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031106
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/123737
(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)MICROSOFT CORPORATION
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REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)**Name of Inventor :**

1)OLTEAN, PAUL, ADRIAN
2)LAW, CLYDE
3)HARDY, JUDD
4)BEN-ZVI, NIR
5)KALACH, RAN

(57) Abstract :

Described is a technology in which data items (e.g., files) are processed through an extensible data processing pipeline, including a classification pipeline, to facilitate management of the data items based upon their classifications. A discovery module locates data items to process. An independent classification pipeline obtains metadata (properties) associated with each discovered data item, and one or more classifiers classify the data item based on the metadata. An independent policy module applies policy to each data item based upon its classification. Multiple classifiers may be invoked, based upon various criteria. Predefined ordering of the classifiers, authoritative classifiers and/or an aggregation mechanism handle any classification conflicts. Different types of classifiers may be provided, and each classifier may correspond to automatic classification rules; the classifier may directly change a property, (e.g., set the classification) or return a result to a corresponding rule mechanism for changing a property.

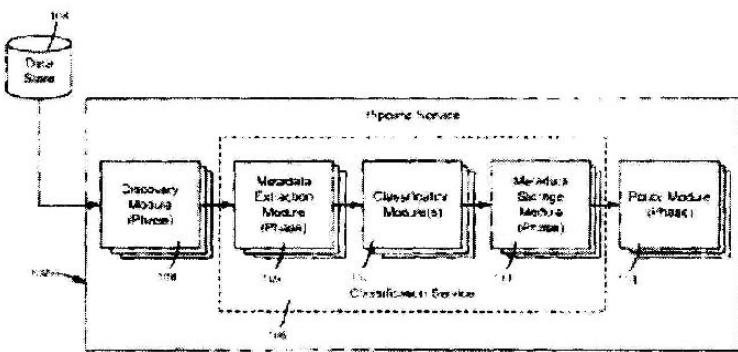


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8313/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PACKAGE, IN PARTICULAR BOTTLE, HAVING A WALL CREASE FEATURE

(51) International classification

:B65D 1/02

(31) Priority Document No

:61/173,187

(32) Priority Date

:27/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/032410

Filing Date

:26/04/2010

(87) International Publication No

:WO 2010/126829

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
INC.**

Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
NJ 08558, U.S.A.

(72)Name of Inventor :

1)B. TODD TRUE

2)DAVID HU

(57) Abstract :

Formation of an organically-shaped feature on an otherwise abstract-shaped package. In particular, an organic or human anatomical feature is provided on an otherwise inanimate shape. More particularly, a package, such as a bottle, having a non-representational form (in other words, a package not shaped to resemble any particular form existing in nature) is provided with a feature specifically designed to resemble a form in nature or organic form. In an exemplary embodiment, the form in nature (or organic feature) is a baby fat crease. In particular, a crease is provided on the package to mimic the look of a baby fat crease. The geometry of the crease as well as the geometry of the package are optimized to achieve the desired organic look or effect.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8314/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITE CEMENTED CARBIDE ROTARY CUTTING TOOLS AND ROTARY CUTTING TOOL BLANKS

(51) International classification	:C22C 1/05	(71) Name of Applicant :
(31) Priority Document No	:12/464,607	1)TDY INDUSTRIES, INC.
(32) Priority Date	:12/05/2009	Address of Applicant :1000 SIX PPG PLACE, PITTSBURGH, PENNSYLVANIA 15222, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/032002	1)PRAKASH K. MIRCHANDANI
Filing Date	:22/04/2010	
(87) International Publication No	:WO 2010/132185	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Composite articles, including composite rotary cutting tools and composite rotary cutting tool blanks, and methods of making the articles are disclosed. The composite article includes an elongate portion. The elongate portion includes a first region composed of a first cemented carbide, and a second region autogenously bonded to the first region and composed of a second cemented carbide. At least one of the first cemented carbide and the second cemented carbide is a hybrid cemented carbide that includes a cemented carbide dispersed phase and a cemented carbide continuous phase. At least one of the cemented carbide dispersed phase and the cemented carbide continuous phase includes at least 0.5 percent by weight of cubic carbide based on the weight of the phase including the cubic carbide.

No. of Pages : 58 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8345/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A HOT SOLIDS PROCESS SELECTIVELY OPERABLE BASED ON ITS PRIMARY PURPOSE

(51) International classification	:C01B 31/20
(31) Priority Document No	:61/165,094
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/029191 :30/03/2010
(87) International Publication No	:WO 2010/117778
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :BROWN BOVERI STRASSE 7, 5400
BADEN, SWITZERLAND

(72)Name of Inventor :

- 1)ANDRUS HERBERT E JR**
- 2)CHIU JOHN H.**
- 3)LILJEDAHL GREGORY N.**
- 4)THIBEAULT PAUL R.**
- 5)BOZZUTO CARL R**
- 6)BEAL CORINNE**
- 7)BIAŁKOWSKI MICHAL TADEUSZ**
- 8)BRAUTSCH ANDREAS**
- 9)MAGHDISSIAN LAURENT**
- 10)VANDYCKE MICHEL**

(57) Abstract :

A hot solids process selectively operable for purposes of generating at least one predetermined output based on what the specific nature of the primary purpose of the hot solids process is for which the at least one predetermined output that is selected from a multiplicity of predetermined outputs, such as H₂ and CO₂, is being produced, and wherein such primary purpose of the hot solids process is designed to be pre-selected from a group of primary purposes of the hot solids process that includes at least two of the generation of H₂ for electric power purposes, the generation of SynGas for electric power production as well as for other industrial uses, the production of steam for electric power generation as well as for other uses, the production of process heat, the production of CO₂ for agricultural purposes, and the generation of a feedstock such as H₂ for use for the production of liquid hydrocarbons.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8348/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POINT CLOUD ASSISTED PHOTGRAMMETRIC RENDERING METHOD AND APPARATUS

(51) International classification	:G06T 7/00
(31) Priority Document No	:MI2009A 000941
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/057226
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136479
(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)GEOSOFT S.R.L.

Address of Applicant :VIALE LINO ZANUSSI, 8/D, I-33170
PORDENONE, ITALY

(72)Name of Inventor :

1)FACCHIN, ALDO

2)NADALIN, MARIO

(57) Abstract :

A point cloud assisted photogrammetric restitution method is described. Said method comprises: the simultaneous visualization on a screen (5) of the ensemble of a stereoscopic image (33) and a point cloud (34) acquired on a given area (2), said stereoscopic image deriving from at least a couple of photogrammetric images (11) acquired on said given area (2) and oriented according to the same coordinate system of the point cloud, the real time connection of the collimation mark (S) of the stereoscopic image with the corresponding collimation mark (S') of the point cloud. (Fig. 2)

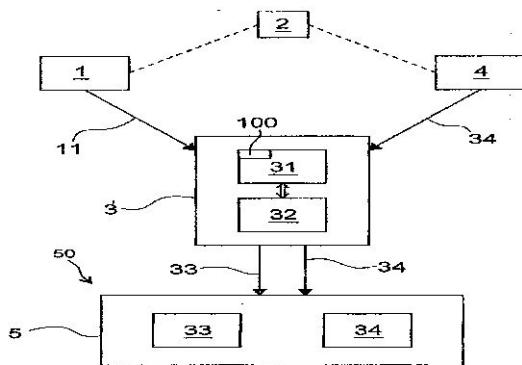


Fig.2

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8349/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR REDUCING METAL CORROSION

(51) International classification	:C23F 11/06
(31) Priority Document No	:61/181,140
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035250
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/138341
(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)BAKER HUGHES INCORPORATED

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(72)**Name of Inventor :**

1)KSENIJA BABICSAMARDZIJA

2)LAWRENCE N. KREMER

3)DAVID J. POELKER

4)VLADIMIR JOVANCICEVIC

5)SUNDER RAMACHANDRAN

(57) Abstract :

Mitigating or preventing corrosion of metal may be achieved in systems that are alkaline, such as carbon dioxide capture systems. The method may include adding an additive to a system wherein the system is at an alkaline pH; the system has both O₂ and CO₂ present; or the system is at an alkaline pH and has both O₂ and CO₂ present. The additive may be selected from the group consisting of: quaternary aromatic amines; quaternary alkyl substituted aromatic amines; and combinations thereof. The corrosion inhibiting properties of the additives may be increased by use of synergistic combinants. The abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b)

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8350/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DRILLING HEAD WITH AXIAL VIBRATIONS

(51) International classification	:B23B 29/12
(31) Priority Document No	:09 02051
(32) Priority Date	:28/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055690
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125090
(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)ARTS

Address of Applicant :151 BOULEVARD DE L'HOPITAL,
F-75013 PARIS, FRANCE

2)EUROPEAN AERONAUTIC DEFENCE AND SPACE
COMPANY EADS FRANCE

(72)Name of Inventor :

1)GEORGE-FLORIN MORARU

2)PHILIPPE VERON

3)PATRICE RABATE

(57) Abstract :

The invention relates to a drilling head (1) with an axial oscillation generator, comprising a mounting (2) for coupling the head to a motor for rotating the mounting about an axis, the mounting (2) having a longitudinal axis (5) coinciding with the axis of rotation of the motor, a tool holder (3), an elastically deformable means (6) for retaining the tool holder (3) in the mounting (2) and a means (7) for guiding the tool holder (3) in the mounting (2) along the longitudinal axis (5) of said mounting, wherein the mounting of the drilling head includes a controlled generator (8) of reciprocating movements in the direction of the aforementioned axis (5) positioned between the mounting (2) and the tool holder (3), the tool holder and the generator being connected by a longitudinal coupling member (9) suitable for damping the impacts withstood by the tool holder (3) while enabling the transmission of the reciprocating movements.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7827/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CLEANING COMPOSITIONS CONTAINING DICHLOROETHYLENE AND SIX CARBON ALKOXY SUBSTITUTED PERFLUORO COMPOUNDS□

(51) International classification	:C07D
(31) Priority Document No	:10/164,308
(32) Priority Date	:07/06/2002
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2003/18089 :09/06/2003
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:2983/DELNP/2004 :30/09/2004

(71)**Name of Applicant :**

1)KYZEN CORPORATION

Address of Applicant :430 Harding Industrial Drive
Nashville TN 37211 U.S.A.

(72)**Name of Inventor :**

1)KYLE DOYEL

2)MICHAEL BIXENMAN

(57) Abstract :

Chemical solvating degreasing stripping and cleaning agents. The agents are cleaning and solvating mixtures of dichloroethylene and alkoxy-substituted perfluoro compounds that contain six carbon atoms with optionally highly fluorinated materials to retard flammability and/or other enhancement agents that improve and enhance the properties of the composition to accomplish its desired cleaning or solvating task. These other agents are one or more of the following materials: alcohols esters ethers cyclic ethers ketones alkanes aromatics amines siloxanes terpenes dibasic esters glycol ethers pyrrolidones or low- or non-ozone depleting halogenated hydrocarbons. These mixtures are useful in a variety of solvating vapor degreasing photoresistant stripping adhesive removal aerosol cold cleaning and solvent cleaning applications including defluxing dry-cleaning degreasing particle removal metal and textile cleaning.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7828/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR INCREASING THE NET ELECTRIC POWER OF SOLAR THERMAL POWER STATIONS

(51) International classification	:F03G 6/00
(31) Priority Document No	:P200901000
(32) Priority Date	:06/04/2009
(33) Name of priority country	:Spain
(86) International Application No Filing Date	:PCT/ES2010/000160 :15/04/2010
(87) International Publication No	:WO 2010/119150
(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)UNIVERSIDAD POLITECNICA DE MADRID

Address of Applicant :CALLE RAMIRO DE MAEZTU, 7,
OTRI-VICERRECTORADO DE INVESTIGACION,
UNIVERSIDAD POLITECNICA DE MADRID E-28040
MADRID (ES) Spain

(72)Name of Inventor :

1)PLATERO GAONA, CARLOS ANTONIO

2)BLAZQUEZ GARCIA, FRANCISCO

3)REDONDO CUEVAS, MARTA

4)RODRIGUEZ ARRIBAS, JAIME

5)BARRIGUETE DIEZ, MARIA ISABEL

6)FRIAS MARIN, PABLO

(57) Abstract :

The invention achieves an increase in the net electric power supplied to the mains network by solar thermal power stations with cylindrical parabolic collectors, by making efficient use of the solar field, generating steam to drive the main auxiliaries by steam turbines (turbo pumps), reducing the electricity consumption of the auxiliary services and increasing the net electric power. On days when the solar radiation is greater than that for which the system was designed, part of the solar field will not be used because the generator and the turbine would exceed the power level assigned to them. The proposed system uses the unused portion of the solar field to generate steam to drive the main auxiliaries of the power station, energy that would otherwise not be utilized. In addition, the pumps of auxiliary services are driven more efficiently overall when use is made of steam to drive the pumps via a turbo pump instead of driving them with electric motors (motor pumps).

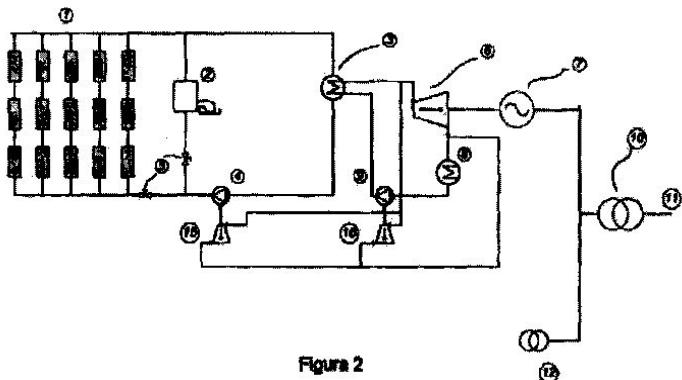


Figura 2

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8396/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR ACQUIRING ADJACENT eNB INFORMATION AND MOBILE MANAGEMENT ENTITY

(51) International classification	:H04M
(31) Priority Document No	:200910168573.4
(32) Priority Date	:19/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071956
Filing Date	:21/04/2010
(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)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)SUN, LIANQIAO

(57) Abstract :

A method for acquiring the neighbour E-UTRAN Node B (eNB) information is disclosed, and the method includes: in the process of the eNB setting up an S1 interface connection with a mobile management entity (MME), the MME sends the information of the global eNB ID and the tracking area identity (TAI) of the neighbour eNB of said eNB to said eNB; said eNB receives and acquires the information of the global eNB ID and TAI of the neighbour eNB. The corresponding MME is also provided. With the scheme of the present invention, the information of this eNB and the neighbour eNB can be acquired; and the X2 interface connection can be set up in time by acquiring information of the neighbour eNB through a MME configuration update.

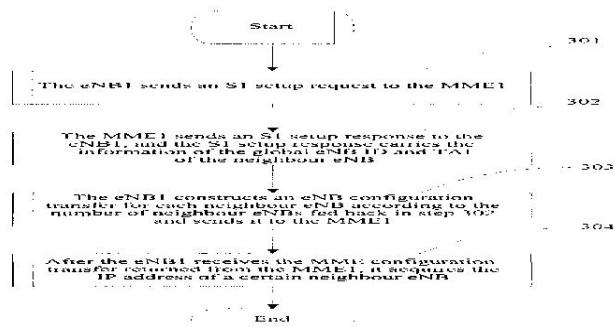


FIG. 3

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8397/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHYTOREMEDIATION METHOD FOR DEGRADED SPACES USING GENETICALLY MODIFIED VEGETAL SPECIES

(51) International classification	:B09C 1/10	(71) Name of Applicant : 1)JUAN PEDRO NAVARRO AVINO Address of Applicant :XATIVA, 3-PISO 11, PLANTA 36, 46002 VALENCIA, SPAIN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/ES2009/070080	(72) Name of Inventor : 1)JUAN PEDRO NAVARRO AVI'
Filing Date	:30/03/2009	
(87) International Publication No	:WO 2010/112622	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is related to the search, selection and genetic modification of wild vegetal species; moreover it consists in defining the effect of the introduction of various genes on the phytoremediation properties of the model vegetal species, Populus tremula x tremuloides cv. Etropole proposed for wet grounds, and Nicotiana glauca for dry grounds. Starting species used for genetic modification are wild type (wt) species, selected among specific contaminated spaces. Genetic modification of Populus tremula x tremuloides cv. Etropole species consists in the introduction of TAPCS1 and AtPCSI genes, and YCF gene in a second step. The genetic modification of Nicotiana glauca consists in the introduction of TaPCSI and YCF gens; or the TaPCSI, YCF1 and CBP4 genes. Modifications enhanced the biomass production; and at the same time the tolerance to heavy and radioactive elements of different toxicity; to industrial and domestic detergents; it increased the tolerance to spillage of crude oils and hydrocarbon solvents, or light, medium or heavy oil refining products; enhanced phytoremediation of spaces contaminated with sodium ions in conditions of salty waters, infiltrations of sea water in soils; proposed species enhanced the tolerance to vegetal diseases; and to low humidity and high environmental temperatures of desert spaces.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7850/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD TO CREATE THREE-DIMENSIONAL IMAGES OF NON-LINEAR ACOUSTIC PROPERTIES IN A REGION REMOTE FROM A BOREHOLE

(51) International classification	:G01V 1/46
(31) Priority Document No	:61/170,070
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/031485 :16/04/2010
(87) International Publication No	:WO 2010/121200
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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Address of Applicant :6001 BOLLINGER CANYON ROAD,
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2)LOS ALAMOS NATIONAL SECURITY LLC

(72)Name of Inventor :

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2)VU, CUNG

3)TENCATE, JAMES, A.

4)GUYER, ROBERT

5)LE BAS, PIERRE-YVES

6)NIHEI, KURT, T.

7)SCHMITT, DENIS, P.

8)SKELT, CHRISTOPHER

(57) Abstract :

In some aspects of the disclosure, a method for creating three-dimensional images of non-linear properties and the compressional to shear velocity ratio in a region remote from a borehole using a conveyed logging tool is disclosed. In some aspects, the method includes arranging a first source in the borehole and generating a steered beam of elastic energy at a first frequency; arranging a second source in the borehole and generating a steerable beam of elastic energy at a second frequency, such that the steerable beam at the first frequency and the steerable beam at the second frequency intercept at a location away from the borehole; receiving at the borehole by a sensor a third elastic wave, created by a three wave mixing process, with a frequency equal to a difference between the first and second frequencies and a direction of propagation towards the borehole; determining a location of a three wave mixing region based on the arrangement of the first and second sources and on properties of the third wave signal; and creating three-dimensional images of the non-linear properties using data recorded by repeating the generating, receiving and determining at a plurality of azimuths, inclinations and longitudinal locations within the borehole. The method is additionally used to generate three dimensional images of the ratio of compressional to shear acoustic velocity of the same volume surrounding the borehole.

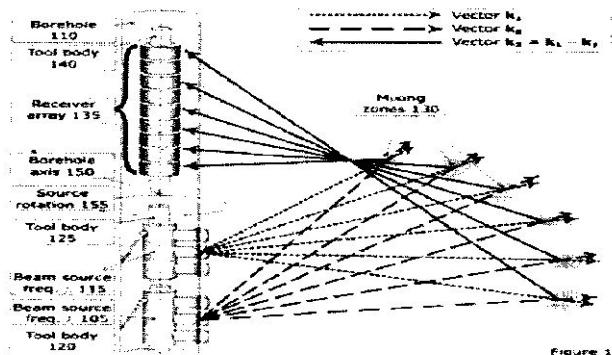


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7851/DELNP/2011 A

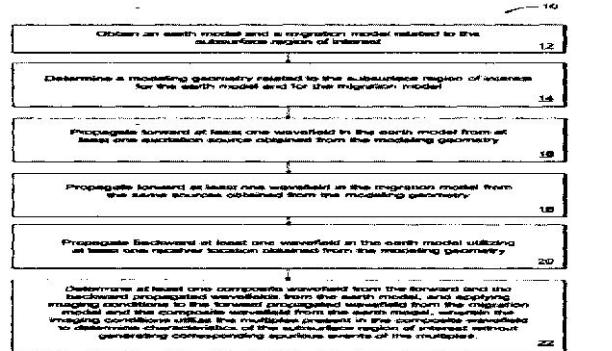
(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR WAVEFIELD-BASED DATA PROCESSING INCLUDING UTILIZING MULTIPLES TO DETERMINE SUBSURFACE CHARACTERISTICS OF A SUBSURFACE REGION

(51) International classification	:G01V 1/48	(71) Name of Applicant :
(31) Priority Document No	:12/474,099	1)CHEVRON U.S.A. INC.
(32) Priority Date	:28/05/2009	Address of Applicant :6001 BOLLINGER CANYON ROAD,
(33) Name of priority country	:U.S.A.	SAN RAMON, CALIFORNIA 94583, U.S.A.
(86) International Application No	:PCT/US2010/035735	(72) Name of Inventor :
Filing Date	:21/05/2010	1)LIU, WEI
(87) International Publication No	:WO 2010/138409	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Despite full waveform propagation capabilities offered by reverse time migration or inversion, prior art methods can generate spurious events from multiples and therefore are limited to using data without free-surface multiples. By eliminating or largely reducing artificial transmission of multiples, the enhanced reverse time migration or inversion in the present invention can correctly use data that contain free-surface and internal multiples and improve image quality or properties estimation.



No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7855/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH FIBER NUTRITIONAL EMULSIONS FOR BLOOD GLUCOSE CONTROL

(51) International classification	:A23L 1/30
(31) Priority Document No	:61/169,030
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030837
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120736
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)EDENS, NEILE, K.

2)MUSTAD, VIKKIE, A.

3)WALTON, JOSEPH, E.

4)WOLF, DAVID, R.

(57) Abstract :

Disclosed are nutritional aqueous emulsions having high fiber content. These emulsions comprise fat, protein, and carbohydrate, including (a) from 1.75% to about 4.0% by weight of a diacylglycerol oil; (b) from about 0.5% to about 9.0% by weight of a milk protein concentrate; (c) from about 2.0% to about 9.0% by weight of fiber; and (d) fructose and from about 0.15% by weight of leucrose in a weight ratio of fructose to leucrose of at least 2:1, wherein the aqueous emulsion has a viscosity of less than about 300 centipoise at 20°C. These high fiber emulsions provide beneficial features, including one or more of stability, desirable hedonics, rheology, and product performance, including a blunted glycemic response profile and or minimal or no gastrointestinal intolerance.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8417/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METAL COMPLEX COMPRISING NOVEL LIGAND STRUCTURES

(51) International classification	:C09K 11/06
(31) Priority Document No	:61/167,014
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030098
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/118029
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RAYABARAPU, DINESH

2)XIA, CHUANJUN

3)KWONG, RAYMOND

4)MA, BIN

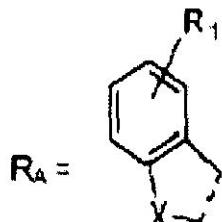
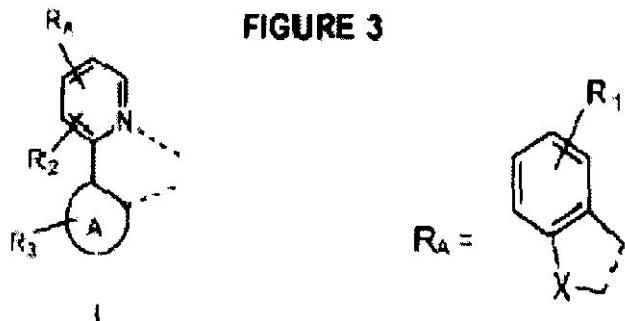
5)YEAGER, WALTER

6)ALLEYNE, BERT

(57) Abstract :

Compounds comprising a metal complex having novel ligands are provided. In particular, the compound is an iridium complex comprising novel aza DBX ligands. The compounds may be used in organic light emitting devices, particularly as emitting dopants, providing improved efficiency, low operating voltage, and long lifetime.

FIGURE 3



No. of Pages : 134 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.5709/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR OBTAINING CONNECTIVE MESENCHYMAL STEM CELLS FROM THE MONONUCLEAR FRACTION OF HUMAN BONE MARROW

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:P200900005	1)BANC DE SANG I TEIXITS
(32) Priority Date	:02/01/2009	Address of Applicant :PASSEIG TAULAT, 116 08005 BARCELONA, SPAIN
(33) Name of priority country	:Spain	(72) Name of Inventor :
(86) International Application No	:PCT/ES2009/000547	1)GARCIA LOPEZ JOAN
Filing Date	:25/11/2009	2)RODRINGUEZ GOMEZ LUCIANO
(87) International Publication No	:WO 2010/076349	3)CAIRO BADILLO JORDI JOAN
(61) Patent of Addition to Application Number	:NA	4)PLA CALVET ARNAU
Filing Date	:NA	5)GODIA CASBLANCAS FRANCES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for obtaining 5 connective mesenchymal stem cells from the mononuclear fraction of human bone marrow cells using type AB human serum as a supplement. Said method includes the steps of obtaining said mononuclear fraction of bone marrow, the step of recovering and pre-expanding the connective stem 10 cells and the step of expanding the connective stem cells until obtaining the clinical dose required for the therapeutic use thereof.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6476/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MEMORY ARCHITECTURE WITH A CURRENT CONTROLLER AND REDUCED POWER REQUIREMENTS

(51) International classification	:G11C 11/4074	(71) Name of Applicant :
(31) Priority Document No	:61/154,241	1)LYNCH, JOHN
(32) Priority Date	:20/02/2009	Address of Applicant :1 LORRIC LANE SPENCERPORT, NEW YORK 12559, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/024332	1)LYNCH, JOHN
Filing Date	:16/02/2010	
(87) International Publication No	:WO 2010/096393	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a memory architecture comprising at least one memory bit cell and at least one read bit line whose voltage is controlled and changed by a current from a current controller. Each memory bit cell has a storage mechanism, a controlled current source, and a read switch. The controlled current source in each memory bit cell is electrically connected to the read bit line through the read switch. The current from the current controller that controls and changes the read bit line voltage flows through the controlled current source in the memory bit cell. The value of this current is determined by a function of a difference between the voltage on the storage mechanism in the memory bit cell and a reference voltage from a reference voltage input to the current controller. In some versions an indicator is provided for indicating when to stop the current in the controlled current source that controls a voltage change on one of the read bit lines. The indicator has an on and an off condition and a switch is provided for stopping the current in the controlled current source when the indicator is activated in the on condition. The current in the controlled current source is stopped when the voltage change on the read bit line is greater than a predetermined threshold.

No. of Pages : 75 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6587/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSFERRING A WOUND WEB

(51) International classification	:B65H 19/12
(31) Priority Document No	:12/405,539
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027626
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/107887
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OHIO 45202, U.S.A.

(72)Name of Inventor :

1)MATOS, CLAUDIO, ANTONIO

2)HILTENKAMP, STEPHAN, OTTO

3)VAN DE VRANDE, CHRISTOPHER, ROBERT

4)SINGH, RAJESH, KUMAR

(57) Abstract :

A method and apparatus for transferring a web wound (40) about a loaded core (30). The steps include providing a core shaft (20) axially extending between a core shaft first end (22) and a core shaft second end (24), providing a web wound (40) about a loaded core, the loaded core coaxially related to the core shaft, axially supporting the core shaft by a first axial support (50) operatively engaged with the core shaft first end and a second axial support (60) operatively engaged with the core shaft second end, axially moving the loaded core from the core shaft to the second axial support, and removing the first axial support and the second axial support.

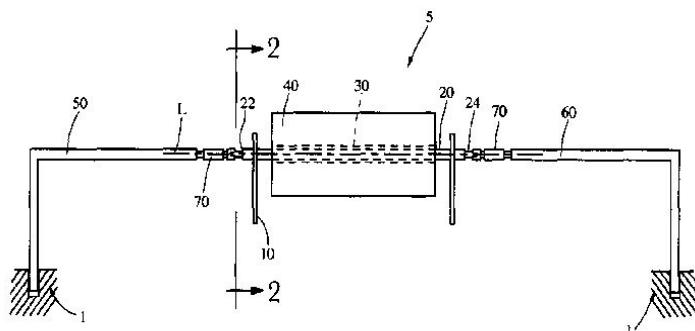


Fig. 1

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.6588/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ABSORBENT CORE

(51) International classification	:A61F 13/533
(31) Priority Document No	:09154506.1
(32) Priority Date	:06/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/025035
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/101735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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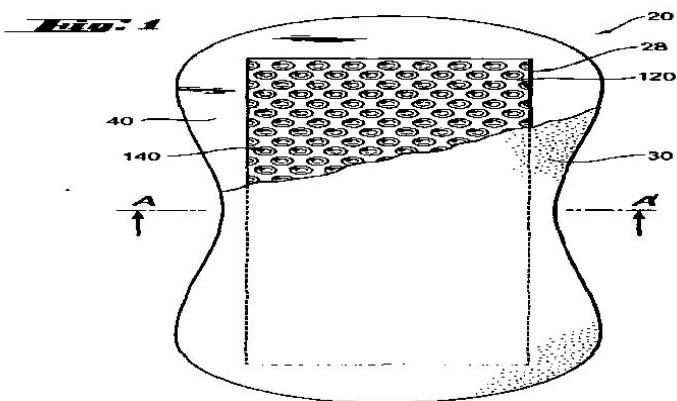
(72)Name of Inventor :

1)CARLUCCI, GIOVANNI

2)TAMBURRO, MAURIZIO

(57) Abstract :

Absorbent core for disposable absorbent articles having better recovery and resiliency.



No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8015/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FIBRILLATED BLEND OF LYOCCELL AND CELLULOSIC LOW DP PULP

(51) International classification	:B01D 39/18
(31) Priority Document No	:12/466,227
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029230
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/132151
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)MENGKUI LUO

4)NORIKO SUZUKI

5)ANANDA S. WEERA WARNA

(57) Abstract :

A fibrillated blend of lyocell and cellulosic pulp having a degree of polymerization of 200 to 1000 as measured by ASTM Test 1975-96, a method of making the blend and materials which incorporate the blend.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8517/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NEW SPIROHETEROCYCLIC FURAN AND THIOFURAN DIONE DERIVATIVES

(51) International classification	:C07D 491/107
(31) Priority Document No	:0909041.6
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/CN2010/000728
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/135914
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PITTERNA THOMAS

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4)WU YAMING

5)RENOLD PETER

6)PERRUCCIO FRANCESCA

7)CASSAYRE JEROME YVES

8)MUEHLEBACH MICHEL

(57) Abstract :

Compounds of the formula (I) useful as pesticides are disclosed, wherein the substituents are as defined in claim 1.

No. of Pages : 162 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7897/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STEEL PRODUCTION FACILITY

(51) International classification	:F27B 3/08
(31) Priority Document No	:102009001646.5
(32) Priority Date	:18/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB2010/051022
Filing Date	:10/03/2010
(87) International Publication No	:WO 2010/106466
(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)RAFIC BOULOS DAOU

Address of Applicant :EL KALAA STREET, RAFIC DAOU BLDG. 3RD AND 4TH FLOOR, 25 BDADOUN, DISTRICT OF ALEY, LEBANON Lebanon

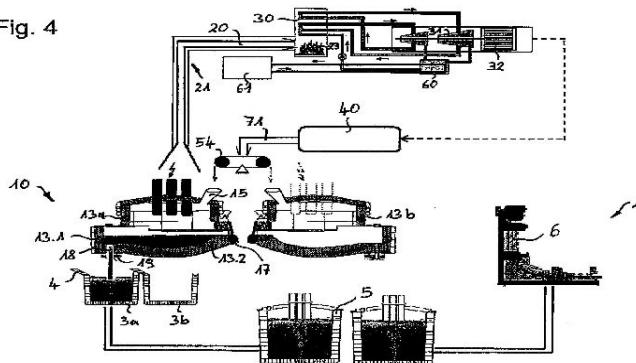
(72)Name of Inventor :

1)RAFIC BOULOS DAOU

(57) Abstract :

Steel production facility The present invention relates to a steel production facility (1) and a method of uninterrupted or at least cyclical steelmaking in said facility (1), wherein in case of uninterrupted steelmaking at least the first three of the following steps and in case of cyclical steelmaking all five steps will be used: - charge materials are molten uninterruptedly or at least cyclically in an electric arc furnace (10); - the charge materials like in particular shredded scrap-iron pieces (71) shredded in a shredding-system (40) for shredding discarded iron and/or steel junk (scrap 70), Direct Reduced Iron (DRI) and/or Hot Briquette Iron (HBI) are uninterruptedly or at least continuously during a melting process cycle fed into the electric arc furnace (10) by means of conveyance (50, 51, ...); - a part of liquid steel is uninterruptedly or cyclically discharged from the steel bath of the electric arc furnace (10); - from the thermic energy included in the hot process-exhaust (furnace top 20) of the electric arc furnace (10), electric energy is, by means of power generation (30, 31, 32), generated uninterruptedly or at least during a melting process cycle; - a shredding-system (40) assigned to the electric arc furnace (10) for shredding discarded iron and/or steel junk (scrap 70) is powered uninterruptedly or at least during a melting process cycle by the electric energy generated from the process exhaust (furnace top 20). The present steel production facility (1), which sets new standards in terms of total energy-balance with regard to productivity and energy saving, consistently continues the trend of the last years. (Fig. 4)

Fig. 4



No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8330/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SMALL MOLECULES SUPPORTING PLURIPOTENT CELL GROWTH AND METHODS THEREOF

(51) International classification	:C12N 5/0735
(31) Priority Document No	:61/172,998
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032601
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/129294
(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)VIACYTE, INC.

Address of Applicant :3550 GENERAL ATOMICS CT., #2-503M SAN DIEGO, CA 92121, U.S.A.

(72)Name of Inventor :

1)SCHULZ, THOMAS C.

2)ROBINS, ALLAN J.

(57) Abstract :

The present invention relates to compositions and methods for maintaining undifferentiated pluripotent stem cell cultures.

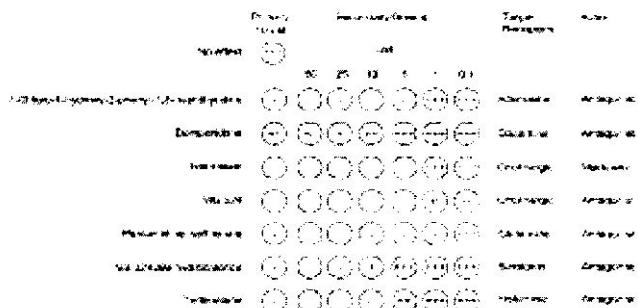


Figure 1

No. of Pages : 95 No. of Claims : 123

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8336/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMBINED PLANT

		(71) Name of Applicant : 1)NAKAMURA NORIHIKO Address of Applicant :3-8-14, FUYODAI, MISHIMA-SHI, SHIZUOKA 4110046 Japan 2)SUGIURA SHIGEKI 3)OBATA SHUSEI 4)TAKESHIMA SHINICHI 5)NAKANISHI HARUYUKI 6)IIDA YOSUKE 7)SATO AKINORI
(51) International classification	:C01C 1/04	
(31) Priority Document No	:200910149706.3	
(32) Priority Date	:05/05/2009	
(33) Name of priority country	:China	
(86) International Application No Filing Date	:PCT/JP2010/057918 :28/04/2010	
(87) International Publication No	:WO 2010/128682	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72) Name of Inventor : 1)NAKAMURA NORIHIKO 2)SUGIURA SHIGEKI 3)OBATA SHUSEI 4)TAKESHIMA SHINICHI 5)NAKANISHI HARUYUKI 6)IIDA YOSUKE 7)SATO AKINORI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A combined plant is provided. The combined plant of continuously supplying hydrogen and nitrogen to an ammonia synthesis facility that continuously synthesizes ammonia from hydrogen and nitrogen, the combined plant including: a hydrogen production facility for acquiring solar energy and producing hydrogen by utilizing a part of the acquired solar energy; a nitrogen production facility for producing nitrogen from air and supplying the nitrogen to the ammonia synthesis facility; and a hydrogen storage facility for storing the hydrogen produced by the hydrogen production facility and supplying the produced hydrogen to the ammonia synthesis facility.

No. of Pages : 62 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8337/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF CONTROLLING UNDESIRED VEGETATION

(51) International classification	:A01N 43/54
(31) Priority Document No	:0907625.8
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000823
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/125332
(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)SYNGENTA LIMITED

Address of Applicant :EUROPEAN REGIONAL CENTRE,
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(72)Name of Inventor :

1)WHITTINGHAM WILLIAM GUY

2)WINN CAROLINE LOUISE

3)GLITHRO HARRY

4)ASPINALL MARY BERNADETTE

5)SCREPANTI CLAUDIO

(57) Abstract :

The present invention relates to methods of controlling undesired plant growth in crops of soya through the use of certain substituted pyrimidine derivatives. It also relates to certain novel substituted pyrimidine derivatives. Effective weed control is thereby obtained, whilst at the same time achieving unexpected levels of crop safety.

No. of Pages : 64 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8507/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTIGEN PRESENTING CELL TARGETED VACCINES

(51) International classification	:C07K 19/00
(31) Priority Document No	:61/159,059
(32) Priority Date	:10/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026268
Filing Date	:04/03/2010
(87) International Publication No	:WO 2010/104747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7503/DELNP/2011
Filed on	:29/09/2011

(71)Name of Applicant :

1)BAYLOR RESEARCH INSTITUTE

Address of Applicant :3310 LIVE OAK STREET, SUITE 501,
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(72)Name of Inventor :

- 1)ZURAWSKI, GERARD
- 2)BANCHEREAU, JACQUES F.
- 3)FLAMAR, ANNE-LAURE
- 4)LEVY, YVES
- 5)MONTES, MONICA
- 6)KLUCAR, PETER
- 7)AKAGAWA, KEIKO

(57) Abstract :

The present invention includes compositions and methods for the expression, secretion and use of novel compositions for use as, e.g., vaccines and antigen delivery vectors, to deliver antigens to antigen presenting cells. In one embodiment, the vector is an anti-CD40 antibody, or fragments thereof, and one or more antigenic peptides linked to the anti-CD40 antibody or fragments thereof, including humanized antibodies.

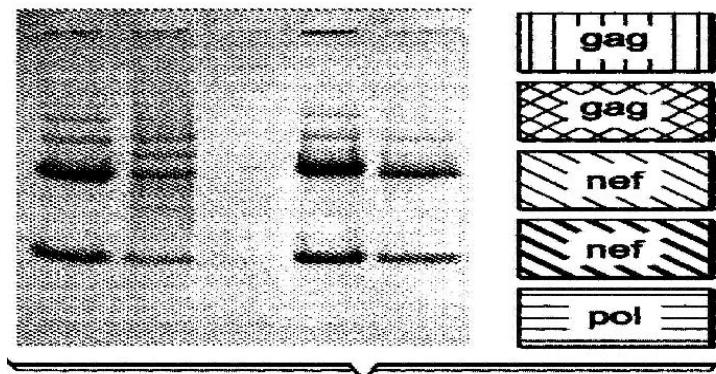


FIG. 1

No. of Pages : 281 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.8297/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PLANTS HAVING ALTERED AGRONOMIC CHARACTERISTICS UNDER NITROGEN LIMITING CONDITIONS AND RELATED CONSTRUCTS AND METHODS INVOLVING GENES ENCODING SNF2 DOMAIN-CONTAINING POLYPEPTIDES

(51) International classification	:C12N
(31) Priority Document No	:61/163,887
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/028773 :26/03/2010
(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)E. I. DU PONT DE NEMOURS AND COMPANY

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2)PIONEER HI-BRED INTERNATIONAL, INC.

(72)Name of Inventor :

1)AUKERMAN, MILO

2)SIMMONS, CARL R.

3)ALLEN, STEPHEN, M.

4)LOUSSAERT, DALE

5)LUCK, STANLEY

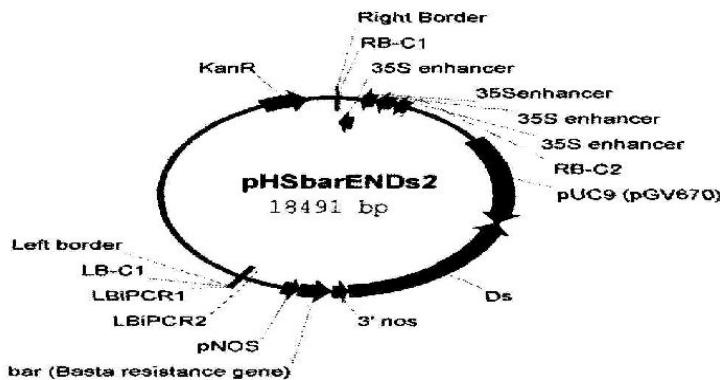
6)SAKAI, HAJIME

7)TINGEY, SCOTT, V.

(57) Abstract :

Isolated polynucleotides and polypeptides and recombinant DNA constructs particularly useful for altering agronomic characteristics of plants under nitrogen limiting conditions, compositions (such as plants or seeds) comprising these recombinant DNA constructs, and methods utilizing these recombinant DNA constructs. The recombinant DNA construct comprises a polynucleotide operably linked to a promoter functional in a plant, wherein said polynucleotide encodes a SNF2 domain-containing polypeptide.

FIG. 1



No. of Pages : 351 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8432/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CLADDING PANEL (EMBODIMENTS)

(51) International classification	:E04F 13/12
(31) Priority Document No	:2009111485
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000142
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/114422
(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)ANDREY VILENOVICH LYUBOMIRSKIY

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(72)Name of Inventor :

1)ANDREY VILENOVICH LYUBOMIRSKIY

(57) Abstract :

The invention relates to designs for cladding panels with a surface relief and can be used in products for cladding both exterior and interior building surfaces. According to a first embodiment, a cladding panel comprises a metal base and an outer layer, the front surface of which is provided with raised elements and/or indentations that make up a pattern with a relief structure. In the pattern made up of the aforesaid elements, the raised elements have a size of 0.01-25 mm in diameter in plan view and the indentations have a width of 0.01-25 mm and a depth of not more than 0.95d, where d = 0.02-5.0 mm, i.e. the thickness of the sheet material of the outer layer. The pattern is formed in accordance with me condition $Sv.e/Sugl = 0.05-19.0$, where $Sv.e$ is the total area of the raised elements and $Sugl.$ is the total area of the indentations. The relief pattern is made up of a regular arrangement of raised elements and indentations, a random arrangement of raised elements and indentations or a combination of regular and random arrangements of raised elements and indentations on the front surface of the panel.

No. of Pages : 24 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8583/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEPARABLE CONTENTS PLATE, AND METHOD FOR MOLDING COSMETICS USING SAME

(51) International classification	:A45D 40/00
(31) Priority Document No	:10-2009-0036808
(32) Priority Date	:27/04/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/002665
Filing Date	:20/05/2009
(87) International Publication No	:WO 2010/126192
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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187-7 DODAND-DONG, WONMI-GU, BUCHEON-CITY,
KYUNGGI-DO 420-806 (KR) Republic of Korea

2)PARK, YOONSUNG

3)LEE, KEONCHANG

(72)Name of Inventor :

1)PARK, YOONSUNG

2)LEE, KEONCHANG

(57) Abstract :

The present invention relates to a separable contents plate, and a method for molding cosmetics using same which makes a pattern stand out on the surface of a multi-colored solid foundation product, wherein a separable contents plate composed of a wall body and a bottom body is provided. The method comprises the steps of: injecting 1st liquid content between the inner side surface of the wall body and the outer side surface of a core, and solidifying the 1st liquid content after the core which matches with the wall body and the pattern is settled at a silicone plate having a pattern formed at an inner bottom surface; and injecting 2nd content having a color different from that of the 1st content into the separated part after separating the core from the silicone plate to fill the pattern with the 2nd content, and solidifying the 2nd content. As a result, a pattern is formed on the surface when content having different colors are put in the separable plate to be molded, and the pattern is formed through engraving or embossing on the surface of a product according to color, thereby distinguishing a product from other products and suiting the consumer's taste for increasing product sales.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8584/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ISOTOPE PRODUCTION SYSTEM AND CYCLOTRON HAVING REDUCED MAGNETIC STRAY FIELDS

(51) International classification :H05H 13/00
(31) Priority Document No :12/435931
(32) Priority Date :05/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028573
 Filing Date :25/03/2010
(87) International Publication No :WO 2010/129103
(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)GENERAL ELECTRIC COMPANY

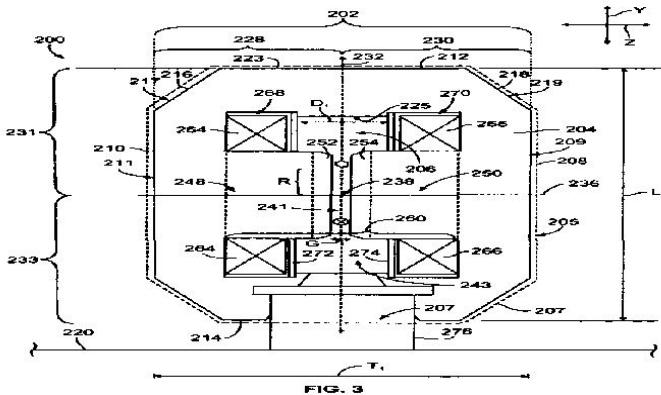
Address of Applicant : 1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A

(72) Name of Inventor :

- 1)NORLING, JONAS
2)ERIKSSON TOMAS

(57) Abstract :

(37) Abstract : A cyclotron that includes a magnet yoke that has a yoke body that surrounds an acceleration chamber and a magnet assembly. The magnet assembly is configured to produce magnetic fields to direct charged particles along a desired path. The magnet assembly is located in the acceleration chamber. The magnetic fields propagate through the acceleration chamber and within the magnet yoke. A portion of the magnetic fields escape outside of the magnet yoke as stray fields. The magnet yoke is dimensioned such that the stray fields do not exceed 5 Gauss at a distance of 1 meter from an exterior boundary.



No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.6516/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HONEYCOMB BODY REACTOR OPTIMIZED CHANNEL SIZING

(51) International classification	:B01J 19/24
(31) Priority Document No	:61/156,499
(32) Priority Date	:28/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025596
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099449
(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)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)PENG CHEN

2)JIANG YI

3)JAMES SCOTT SUTHERLAND

4)ANDREW DAVID WOODFIN

(57) Abstract :

A honeycomb body is disclosed having cells extending along a common direction, a first plurality of the cells being open at both ends of the body and a second plurality of the cells being closed at one or both ends of the body, the second plurality of cells arranged in one or more groups of cells cooperating to define one or more fluid passages extending through the body at least in part perpendicularly to the common direction, wherein, in a plane perpendicular to the common direction, the ratio of the area of cells of the first plurality to the area of cells of the second plurality varies along the length of at least one of the one or more fluid passages.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.6517/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EJECTOR OR EJECTOR UNIT FOR A ROAD MILLING MACHINE OR THE LIKE

(51) International classification	:E01C 23/088
(31) Priority Document No	:10 2009 014 730.6
(32) Priority Date	:25/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052290
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/108743
(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)WIRTGEN GMBH

Address of Applicant :REINHARD - WIRTGEN - STR. 2,
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(72)Name of Inventor :

1)KARSTEN BUHR

2)STEFAN ABRESCH

3)THOMAS LEHNERT

4)GUENTER HAEHN

5)CYRUS BARIMANI

(57) Abstract :

The invention relates to an ejector, in particular for a road milling machine, with which maintenance outlay can be considerably simplified.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.6518/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TEMPLATED GROWTH OF POROUS OR NON - POROUS CASTINGS

(51) International classification

:B32B 3/12

(31) Priority Document No

:12/393,804

(32) Priority Date

:26/02/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/025322

Filing Date

:25/02/2010

(87) International Publication No

:WO 2010/099265

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CORNING INCORPORATED
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(72)Name of Inventor :

1)PRANTIK MAZUMDER
2)FREDERICK ERNEST NOLL
3)JOHN FORREST WIGHT JR.

(57) Abstract :

A method of forming a templated casting involves incorporating a liquid feedstock into the channels of a honeycomb substrate to form a feedstock-laden substrate, and directionally solidifying the liquid feedstock within the channels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7836/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A TOP HUNG DOOR ASSEMBLY

(51) International classification	:E06B 3/46
(31) Priority Document No	:61/165,111
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029013
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/117707
(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)TRUE MANUFACTURING CO., INC.

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MISSOURI 63366, U.S.A.

(72)Name of Inventor :

1)STEVEN L. TRULASKI SR.

(57) Abstract :

This top hung door assembly (10) for a merchandiser includes a pair of doors (12, 14) each having an upper frame member (20) including a metal reinforcing member (22). An upper track member (16) is provided including depending flange members (36) and (38) each having a roller mounting portion (48). A pair of spaced wheel assemblies (60) is provided including a bracket (50) having a lower portion (54) connected to the upper door frame and an upper portion (52) carrying a pair of rollers (60) received by the roller mounting portion (46). The upper track member (16) includes associate track members (46) having spaced notches (49) to facilitate mounting the doors. Also the flange members have flexible tips (44) facilitating the sealing and mounting of the doors.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/10/2011

(21) Application No.7959/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Management Apparatus and Management Method

(51) International classification	:H01S
(31) Priority Document No	:2010-037369
(32) Priority Date	:23/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001767
Filing Date	:11/03/2010
(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)Hitachi Ltd.

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(72)Name of Inventor :

1)MORIMURA Tomohiro

2)KUNII Masashi

3)KUDO Yutaka

(57) Abstract :

A management apparatus and a management method that enable parsing processing to be executed efficiently by means of a working memory of a fixed size are proposed. One or more predefined rules are divided into one or more rule segments that comprise a condition and a conclusion that each form part of the rule and the rule segments obtained through the division are stored in the secondary storage and when an event notification from the information processing device is received one or more related rule segments are selected and by linking the selected one or more rule segments in the memory as required a rule parsing network is constructed that indicates relationships between rules in the memory an inference is derived on the basis of the constructed rule parsing network and rule segments that are not readily used in inference derivation are deleted from the memory.

No. of Pages : 77 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8612/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TENSIONABLE TUBULAR RESIN ANCHORED TUBULAR BOLT AND METHOD.

(51) International classification	:E21D 21/00
(31) Priority Document No	:61/273,542
(32) Priority Date	:05/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001868
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/016826
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LOCOTOS, FRANK, M.

(57) Abstract :

A bolt includes a tube, at least a portion of which is hollow, having a top and the bottom and at least one dimple. The bolt includes an insert fixed to the interior of the tube in proximity to the dimple with the dimple disposed between the insert and bottom of the tube. A method for a bolt includes the steps of inserting a resin cartridge into a hole. There is the step of inserting the bolt into the hole. There is the step of placing a top end of a installation tool into a hollow tube of the bolt. There is the step of moving the tool up, which pushes the tube upwards, causing the resin cartridge to break. There is the step of rotating the top end of the tool, which causes the tube to rotate and mix the resin. There is the step of holding the top end of the installation tool inside the tube until the resin hardens and a resultant tension remains on the bolt. An installation tool. A method for forming an installation tool.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6443/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE ASSISTED AMBIENT SERVICES

(51) International classification	:H04M
(31) Priority Document No	:61/206,354
(32) Priority Date	:28/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021034
Filing Date	:18/01/2010
(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)HEADWATER PARTNERS I LLC

Address of Applicant :350 MARINE PARKWAY, SUITE 300, REDWOOD CITY, CA 94065, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GREGORY G.RALEIGH

(57) Abstract :

Various embodiments are disclosed for a services policy communication system and method. In some embodiments, a communications device implements a service

No. of Pages : 346 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6447/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : QUALITY OF SERVICE FOR DEVICE ASSISTED SERVICES

(51) International classification	:H04W 72/08
(31) Priority Document No	:61/206,354
(32) Priority Date	:28/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022269
Filing Date	:27/01/2010
(87) International Publication No	:WO 2010/088295
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HEADWATER PARTNERS I LLC

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(72)**Name of Inventor :**

1)GREGORY G. RALEIGH

(57) Abstract :

Quality of Service (QoS) for Device Assisted Services (DAS) are provided. In some embodiments, QoS for DAS includes providing a wireless communications device configured to determine a QoS request for a service over a wireless network; and verify the QoS request for the service over the wireless network using one or more verification techniques.

No. of Pages : 93 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.6995/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PASSIVE MIXER AND FOUR-PHASE CLOCKING METHOD AND APPARATUS

(51) International classification	:H03B
(31) Priority Document No	:12/108,239
(32) Priority Date	:23/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/054723
Filing Date	:21/04/2009
(87) International Publication No	:WO 2009/130207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :SE-164 83 STOCKHOLM (SE)
Sweden

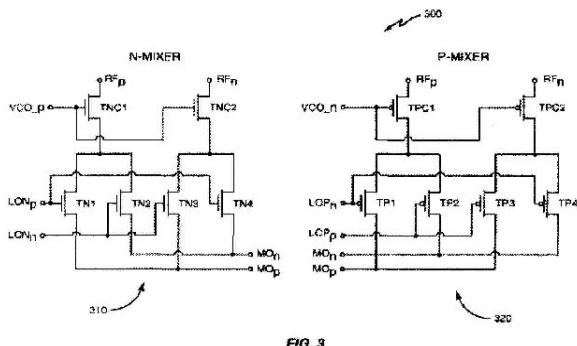
(72)Name of Inventor :

1)MU, FENGHAO

2)TILLMAN, FREDRIK

(57) Abstract :

According to one embodiment, a radio frequency receiver includes a quadrature mixer for converting radio frequency signals to baseband signals or intermediate frequency signals. The quadrature mixer includes an in-phase passive mixer and a quadrature-phase passive mixer. Each passive mixer includes a mixer core having a plurality of mixer input switch transistors and a plurality of output switch transistors connected to the mixer input switch transistors. Clock circuitry generates a first set of clock signals and a second set of clock signals. The first set of clock signals has a frequency twice that of the second set of clock signals. The first set of clock signals is arranged to drive the mixer input switch transistors and the second set of clock signals is arranged to drive the output switch transistors.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7882/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DETECTING RADIATION EXPOSURE LEVELS

(51) International classification	:G01T 1/10
(31) Priority Document No	:2009901662
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000432
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/118478
(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)DOSIMETRY & IMAGING PTY LTD

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(72)Name of Inventor :

1)UJHAZY, ANTHONY

2)WRIGHT, JONATHAN, CALDWELL

(57) Abstract :

Method and apparatus for detection and monitoring of radiation exposure are disclosed, utilising photoexcitable storage phosphors and reading apparatus in a number of configurations for use in homeland security, emergency response and medical fields. In one form, apparatus comprises a portable dosimeter device adapted to receive and multiple phosphor elements to allow population screening in event of mass exposure. Further forms for medical use include insertable probes and adhesive phosphor patches for use in detecting radiation exposure in medical therapy or imaging.

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7883/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COIL-IN COIL SPRINGS AND INNERSPRINGS

(51) International classification	:H01L
(31) Priority Document No	:61/169,039
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031041
Filing Date	:14/04/2010
(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)SEALY TECHNOLOGY LLC

Address of Applicant :ONE OFFICE PARKWAY TRINITY,
NC 27370 U.S.A.

(72)**Name of Inventor :**

1)DEMOSS, LARRY, K.

(57) Abstract :

A mattress innerspring having coil-in-coil springs arranged in an array. Each coil-in-coil spring an outside helical coil and an inside helical coil, wherein the outside helical coil has a greater height and diameter than the inside helical coil, each coil having a dual spring rate between that of the outside helical coil and the combined spring rates of the outside and inside helical coils. The coil-in-coil springs may be pocketed or unpocketed in a mattress innerspring.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8632/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GLAZING PROVIDED WITH A MULTILAYER COATING

(51) International classification	:C03C 17/36
(31) Priority Document No	:02077435.2
(32) Priority Date	:17/06/2002
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP03/50227
Filing Date	:13/06/2003
(87) International Publication No	:WO 2003/106363
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3924/DELNP/2004
Filed on	:10/12/2004

(71)Name of Applicant :

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Address of Applicant :CHAUSSEE DE LA HULPE, 166, B
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(72)Name of Inventor :

1)DANIEL DECROUPET

2)JEAN-MICHEL DEPAUW

(57) Abstract :

Glazing provided with a multilayer coating, characterized in that it comprises a glass substrate, on which is deposited at least one functional layer based on an infrared reflective material, the functional layer or at least one of the functional layers being enclosed by at least one transparent dielectric layer, and that on its face opposite the substrate and directly in contact therewith, said functional layer is covered by a first protective layer with a geometric thickness of 3 nm at maximum and composed of a metal- or semi-metal-based material in metal, nitrided or sub-oxidised form, of which the electronegativity difference from oxygen is less than 1.9 and of which the electronegativity value is less than that of the infrared reflective material, followed by a second protective layer with a geometric thickness of 7 nm at maximum and composed of a material based on metal or semi-metal in substantially totally oxidised form, of which the electronegativity difference from oxygen is greater than 1.4 and which is different from the material of the transparent dielectric layer directly adjoining it.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8316/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FED BATCH PROCESS FOR BIOCHEMICAL CONVERSION OF LIGNOCELLULOSIC BIOMASS TO ETHANOL

(51) International classification	:C12P 19/14
(31) Priority Document No	:61/166,490
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000456
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/111775
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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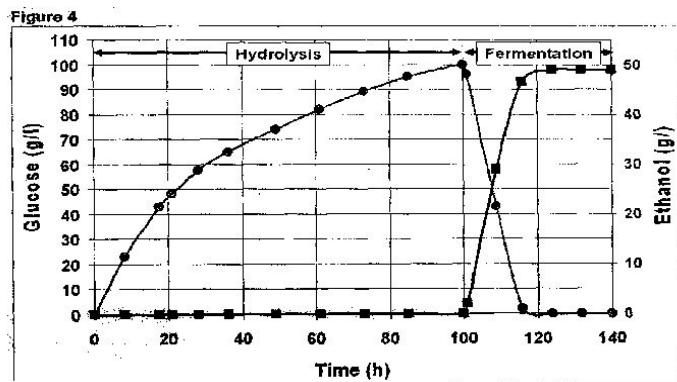
(72)Name of Inventor :

1)BENSON, ROBERT, ASHLEY, COOPER

2)BENECH, REGIS-OLIVIER

(57) Abstract :

A method for optimization of a fed-batch lignocellulosic biomass hydrolysis process wherein the hydrolysis time is minimized by controlling the feed addition volume and / or batch addition frequency of prehydrolysed lignocellulosic feed and optionally the enzyme feed. The increase over time in hydrolysate consistency and volume and / or concentration of sugars released in the reactor, so that the enzymatic hydrolysis is controlled, significantly reduces the impact of cellulase feedback inhibition, especially for enzyme contents lower than 0.5%. The overall time to reach conversion of the total prehydrolysate feed is reduced significantly where the batch addition frequency is equal to one batch each time 70% to 90% of a theoretical cellulose to glucose conversion is reached, preferably when 80% conversion is reached. At an enzyme load of 0.3% in the reaction mixture, the optimum frequency each time 80% conversion was reached was found to be one batch every 105 minutes. Figure 4



No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8317/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IONIC LIQUID SOLVENTS OF PERHALIDE TYPE FOR METALS AND METAL COMPOUNDS

(51) International classification	:C22B 3/04
(31) Priority Document No	:0905894.2
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050551
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/116167
(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)PETROLIAM NASIONAL BERHAD (PETRONAS)

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(72)**Name of Inventor :**

1)ROGERS, ROBIN, DON

2)HOLBREY, JOHN

(57) Abstract :

The present invention relates to a process for dissolving metals in perhalide containing ionic liquids, and to the extraction of metals from mineral ores; the remediation of materials contaminated with heavy, toxic or radioactive metals; and to the removal of heavy and toxic metals from hydrocarbon streams.

No. of Pages : 33 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8319/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PLATFORM EXTENSIBILITY FRAMEWORK

(51) International classification	:G06F 9/44
(31) Priority Document No	:12/433,327
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032308
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/126803
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ALLYN, BARRY CHRISTOPHER

2)RUBLE, B. SCOTT

3)RAMPSON, BENJAMIN EDWARD

(57) Abstract :

A platform extensibility framework may be provided. A visualization platform may register feature extensions and receive requests to create objects. The objects may be created according to drawing instructions provided by the visualization platform, an application requesting the object's creation, and/or at least one of the feature extensions.

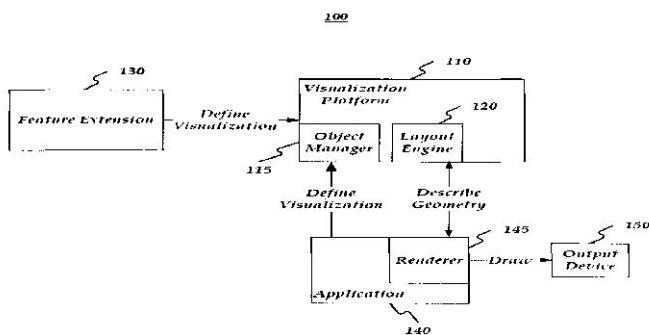


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8674/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR CARBONITRIDING

(51) International classification	:C23C 8/34
(31) Priority Document No	:102009002985.0
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053559
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/130484
(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)ROBERT BOSCH GMBH

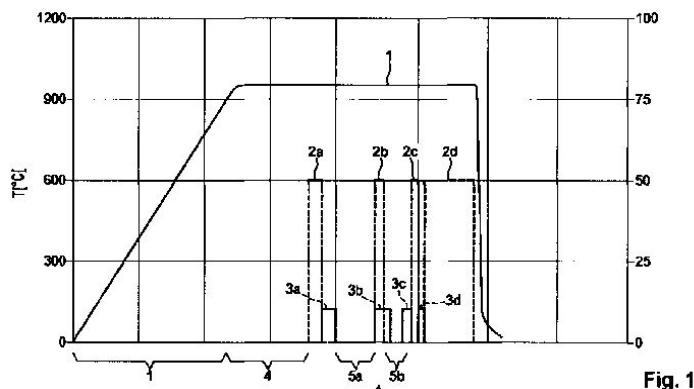
Address of Applicant :POSTFACH 30 02 20, 70442
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(72)Name of Inventor :

**1)FOERSTER, LOTHAR
2)SCHWARZER, JOCHEN
3)HAGYMASI, LASZLO
4)WALDENMAIER, THOMAS**

(57) Abstract :

A method for carbonitriding at least one metal part is described. The method comprises heating the metal part to a treatment temperature in a heating phase (1), nitriding with a nitrogen donor gas in at least one nitriding phase (2a-2d), and carburizing with a carbon donor gas in at least one carburizing phase (3a-3d). The method is characterized by the fact that a first nitriding phase (2a) begins once the heating phase (1) has finished and before a first carburizing phase (3a) starts.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8675/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR SELECTING CERTAIN ACTIVITIES OF A PLURALITY OF SENSORS, CONTROL CENTER, SENSOR AND SENSOR SYSTEM

(51) International classification	:G01S 15/93
(31) Priority Document No	:10 2009 003 282.7
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/054498 :06/04/2010
(87) International Publication No	:WO 2010/133397
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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STUTTGART, Germany

(72)Name of Inventor :

1)HERING, MICHAEL

2)HELMLE, MICHAEL

(57) Abstract :

Described herein is a method for selecting certain activities (ACT1..ACT4) of a plurality of sensors (S1..Sn). The method includes sending a first activities list (AL1) to a first sensor (S1) and at least one second activities list (AL2) to at least one second sensor (S2) in an initialization step; and sending a selection command (COM1..COM4) to the first sensor (S1) and the at least one second sensor (S2), wherein the selection command (COM1..COM4) effects the execution of a first activity (ACT1..CT4) selected from the first activities list (AL1) in the first sensor (S1) and a second activity (ACT1..ACT4) selected from the at least one second activities list (AL2) in the at least one second sensor (S2).

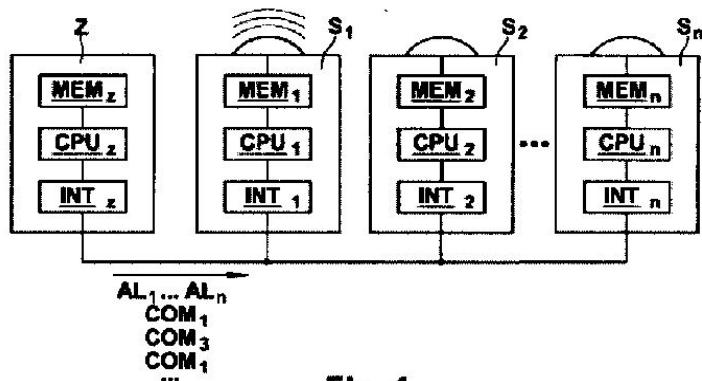


Fig. 1

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7843/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH TEMPERATURE STABLE ANATASE TITANIUM DIOXIDE

(51) International classification	:C01G 23/00
(31) Priority Document No	:61/161135
(32) Priority Date	:18/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/27590
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/107868
(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)E. I. DU PONT DE NEMOURS AND COMPANY

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(72)Name of Inventor :

1)TORARDI, CARMINE

(57) Abstract :

The disclosure relates to a process for making anatase titanium dioxide which is stable at temperatures above 900°C, comprising: (a) mixing an organic water-miscible solvent and a titanate to form a solution comprising titanium; (b) hydrolyzing the solution comprising titanium in the presence of a source of silicon and a source of aluminum to form a hydrolyzed composition of titanium doped with silicon and aluminum; (c) separating the hydrolyzed composition of titanium doped with silicon and aluminum; and (d) calcining the hydrolyzed composition of titanium doped with silicon and aluminum to form high temperature stable anatase titanium dioxide doped with silicon and aluminum and high temperature stable anatase titanium dioxide made by the foregoing process.

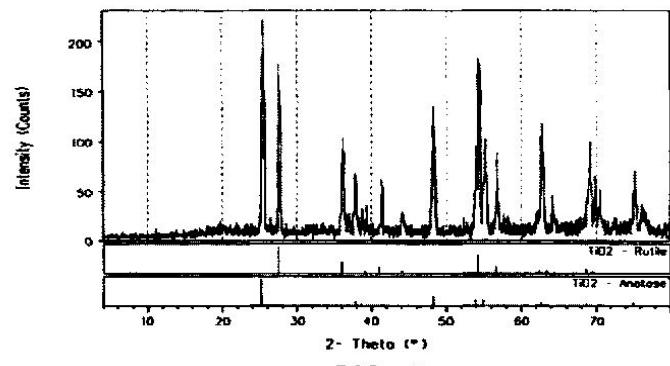


FIG. 1

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8368/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LITHIUM-IRON DISULFIDE CELL DESIGN

(51) International classification	:H01M 10/04
(31) Priority Document No	:12/480,015
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035380
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/144222
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HUANG WEIWEI

2)WENDLING MATTHEW T.

(57) Abstract :

A lithium-iron disulfide electrochemical cell design is disclosed, relying on judicious selection of the electrolyte, a thicker lithium anode and a cathode with specific characteristics selected to cooperate with the electrolyte. The resulting cell has a reduced interfacial surface area between the anode and the cathode but, surprisingly, maintains excellent high drain rate capacity.

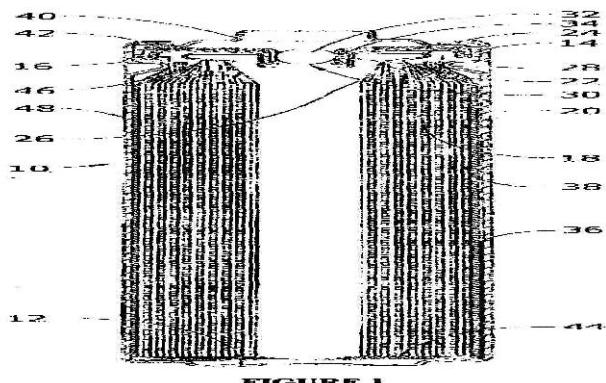


FIGURE 1

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8499/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HAIR COSMETIC

(51) International classification	:A61K 8/34
(31) Priority Document No	:2009-095430
(32) Priority Date	:10/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055970
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/116941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

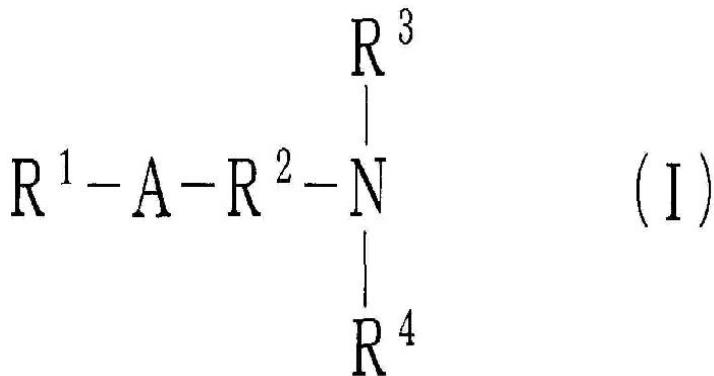
1)NAGANO, TANEMASA

2)WATANABE, TOMOKO

3)IWAI, SHIGERU

(57) Abstract :

In order to improve the feeling when a hair conditioner, hair rinse or the like is applied to the hair during washing, a hair cosmetic is configured so as to contain: (1) a tertiary amine compound represented by formula (I) in an amount of 0.01 to 10% by mass relative to the total amount of the cosmetic [In the formula, R1 represents a linear or branched alkyl group having 6 to 24 carbon atoms; A represents an amide group or an ether group; R2 represents an alkylene group having 2 to 4 carbon atoms, or a linear or branched hydroxyalkylene or hydroxyalkylenyl group having 2 to 4 carbon atoms; and R3 and R4 independently represent a hydrogen atom, or a linear or branched alkyl group having 1 to 3 carbon atoms]; (2) a higher alcohol and/or a higher fatty acid in an amount of 0.1 to 20% by mass relative to the total amount of the cosmetic; (3) an aromatic carboxylic acid salt; (4) an organic acid which is a monobasic acid; and (5) water.



No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8503/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHARED JOB SCHEDULING IN ELECTRONIC NOTEBOOK

(51) International classification	:G06F 9/06
(31) Priority Document No	:12/433,907
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033235
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127286
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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OF AMERICA

(72)Name of Inventor :

1)MYHRE, NATHANIEL M.

(57) Abstract :

Architecture that synchronizes a job to shared notebook eliminating the need for user intervention and guaranteeing that only one instance of the notebook client performs the task. A job tracking component creates and maintains tracking information of jobs processed against shared notebook information. A scheduling component synchronizes a new job against the shared notebook information based on the tracking information. The tracking information can be a file or cells stored at a root level of a hierarchical data collection that represents the electronic notebook. The file includes properties related to a job that has been processed. The properties are updated as new jobs are processed. Job scheduling includes whole file updates and/or incremental updates to the shared notebook information.

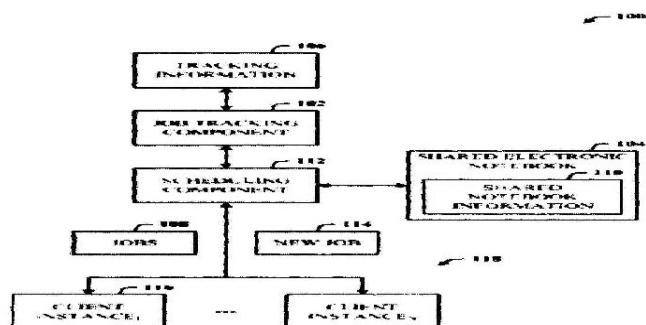


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8682/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPOSABLE CARTRIDGE FOR AN ELECTROLYTIC CELL

(51) International classification	:C25B 1/13
(31) Priority Document No	:61/173,411
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032768
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/129338
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)YOST WILLIAM J., III

2)LUTZ CARL DAVID

3)GENCO ROBERT M.

(57) Abstract :

Illustrative embodiments of the present invention are directed to a cartridge for use with an electrolytic cell having an interface. The cartridge includes a reservoir for containing a catholyte solution. The reservoir is removably coupleable with the cell. The cartridge also includes at least one cartridge port that is removably coupleable to an interface on the electrolytic cell. The port of the cartridge is also configured to cycle a catholyte solution between the reservoir and the electrolytic cell when the cartridge port is coupled to the interface of the electrolytic cell.

No. of Pages : 44 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5830/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NATURAL REFRIGERANT, AND NATURAL COOLING DEVICE

(51) International classification

:F25D 3/08

(31) Priority Document No

:0807514 (FR)

(32) Priority Date

:31/12/2008

(33) Name of priority country

:France

(86) International Application No

:PCT/FR2009/001487

Filing Date

:30/12/2009

(87) International Publication No

:WO 2010/076434

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

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JOUARS-PONTCHARTRAIN (FR). France

2)HUYNH, KIM

(72)Name of Inventor :

1)DUCROCQ, FRANCOIS

2)HUYNH, KIM

(57) Abstract :

The invention relates to a cold or hot energy storage device (figure 6 -1) composed of an envelope and a mixture of sphagnum and water at least, possibly with addition of halides so as to lower the eutectic point (figure 6 -2) particularly suitable for the transport of products which it is desired to keep a constant temperature, or to be applied to the human or animal body so as to provide a refreshing sensation or soft heat . The outer surface of the envelope is formed by a moisture absorbing layer, especially condensation. This layer is typically a nonwoven, possibly felt, made from wool. Thus the device is an accumulator of heat or cold, reusable theoretically an infinite number of times, completely natural, with the exception of the envelope considered recyclable.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.5831/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF BIVALIRUDIN

(51) International classification	:C07K 5/10
(31) Priority Document No	:08022479.3
(32) Priority Date	:29/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/009080
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/075983
(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)LONZA BRAINE SA

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(72)Name of Inventor :

1)SOMMEN, GEOFFROY

2)FORNI, LUCIANO

(57) Abstract :

The present invention relates to a process for the production of bivalirudin, a 20-mer peptide of formula H-D-Phe1-Pro-Arg-Pro-Gly5-Gly-Gly-Gly-Asn-Gly10-Asp-Phe-Glu-Glu-Ile15--Pro-Glu-Glu-Tyr-Lue20-OH (I) via a convergent five-fragment synthesis, and to several peptide intermediates thereof.

No. of Pages : 66 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7824/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS OF TEMPLATING USING PARTICLES SUCH AS COLLOIDAL PARTICLES

(51) International classification

:B01J 2/22

(31) Priority Document No

:61/160,040

(32) Priority Date

:13/03/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/000748

Filing Date

:12/03/2010

(87) International Publication No

:WO 2010/104593

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE

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2)BASF SE

(72)Name of Inventor :

1)WEITZ, DAVID, A.

2)KOLTZENBURG, ROLAND, S.

3)RIEGER, JENS, B.

4)STUDART, ANDRE, R.

5)WILKING, JAMES, N.

(57) Abstract :

The present invention generally relates to systems and methods for using particle templating, e.g., to produce composites, discrete particles, or the like. In some embodiments, the present invention generally relates to the production of particles using the interstitial spaces between templating elements in a template structure. For example, a plurality of templating elements, which can include colloidal particles, may be arranged to form a template structure. The interstices of the templating elements can provide regions in which a fluid may be introduced. The fluid may be hardened (e.g., solidified) in some cases, e.g., to form a composite comprising the templating elements and the interstitial segments. In certain embodiments, the template structure may then be broken down to release the hardened fluid, e.g., as a plurality of discrete particles

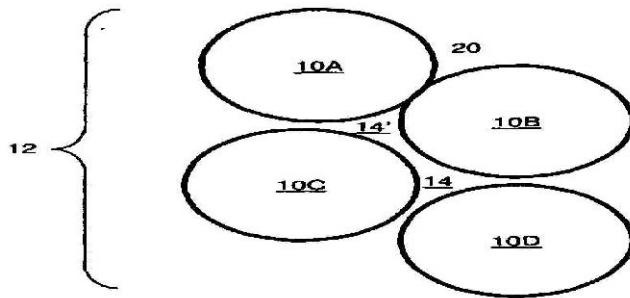


FIG. 1

No. of Pages : 74 No. of Claims : 105

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8629/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF STORING TRIALLYL ISOCYANURATE

(51) International classification	:C08F 26/06
(31) Priority Document No	:2009-125335
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058567
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/137519
(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)NIPPON KASEI CHEMICAL COMPANY LIMITED
Address of Applicant :34, AZA-TAKAYAMA, ONAHAMA,
IWAKI-SHI, FUKUSHIMA-KEN, Japan

(72)Name of Inventor :

1)MABUKO YAMAURA

(57) Abstract :

The present invention provides a method of storing TAIC-in which TAIC is prevented from suffering from freezing and solidification during storage thereof in the winter season. In the method of the present invention, the triallyl isocyanurate is mixed with a silane coupling agent to prepare a composition comprising both thereof, and the resulting composition is stored. In the preferred embodiment of the present invention, the silane coupling agent is used in an amount of 5 to 30% by weight based on the weight of the triallyl isocyanurate, and γ -methacryloxypropyl trimethoxysilane is used as the silane coupling agent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8835/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF PRODUCTION OF EXTRACT DERIVED FROM SWINGLEA GLUTINOSA LEAVES

(51) International classification	:A61K 8/97	(71) Name of Applicant :
(31) Priority Document No	:12/446,801	1)ECOFLORA S.A. Address of Applicant :KOLOMETRO 1.7 VIA SAN ANTONIO-E1 CARMEN, PARQUE TECNOLOGICO DE ANTIOQUIA COSTADO, DERECHO, CARMEN DE VIBORAL, ANTIOQUIA (CO) COLUMBIA
(32) Priority Date	:15/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2010/001129	(72) Name of Inventor :
Filing Date	:14/05/2010	1)TORO RESTREPO, JAIME 2)ZAPATA PORRAS, SANDRA PATRICIA 3)JIMENEZ MARTINEZ, JAMES ALBERTO
(87) International Publication No	:WO 2010/131109	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention of the present Application provides a standardized method to obtain an extract and the extract from leaves of Swinglea glutinosa, wherein the method yields an amount of extract that is about 60% the weight of the Swinglea glutinosa leaves.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7937/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-PIECE DISPENSER FOR USE WITH A CONSUMABLE PRODUCT

(51) International classification	:B65D 83/04
(31) Priority Document No	:61/316,052
(32) Priority Date	:22/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/029367
Filing Date	:22/03/2011
(87) International Publication No	:WO 2011/119564
(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)WM. WRIGLEY JR. COMPANY

Address of Applicant :410 N. MICHIGAN AVE. CHICAGO,
ILLINOIS 60611 U.S.A.

(72)Name of Inventor :

1)POURIAN NEEMA

2)MISHRA SHASHI

3)PALIT ATANU

4)VIBHUTE VINOD

5)SINGH VIJENDER

6)PHILLIPS DAVID

7)PENTELOVITCH NOAH

(57) Abstract :

A multi -piece dispenser (10) for confectionary products including a housing (14) defining an inner chamber (16) for storing a multi -piece package (12) of confectionary product including a slot (20) for receiving an end portion (22) the multi -piece package (12) for dispensing the confectionary product and a retention member (30) for retaining the end portion (22) of the package (12) within the slot (20) for further dispensing

No. of Pages : 53 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7938/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSCRITICAL THERMALLY ACTIVATED COOLING, HEATING AND REFRIGERATING SYSTEM

(51) International classification	:F25B 27/00	(71) Name of Applicant :
(31) Priority Document No	:61/173,776	1)CARRIER CORPORATION
(32) Priority Date	:29/04/2009	Address of Applicant :ONE CARRIER PLACE, FARMINGTON, CT 06034 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/032726	1)VAISMAN IGOR B.
Filing Date	:28/04/2010	2)WAGNER TIMOTHY C.
(87) International Publication No	:WO 2010/126980	3)SANGIOVANNI JOSEPH J.
(61) Patent of Addition to Application Number	:NA	4)WALKER CRAIG R.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Combined vapor compression and vapor expansion system uses a common refrigerant which enables a supercritical high pressure portion and a sub-critical low pressure portion of the vapor expansion circuit. Provision is made to combine the refrigerant flow from the vapor expander and from the compressor discharge. The outdoor heat exchanger is so sized and designed that the working fluid discharged therefrom is always in a liquid form so as to provide a liquid into the pump inlet. The pump and expander are so sized and designed that the high pressure portion of the vapor expansion circuit is always super-critical. A topping heat exchanger, liquid to suction heat exchanger, and various other design features are provided to further increase the thermodynamic efficiency of the system.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7941/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STERILISATION OF PACKAGED ARTICLES

(51) International classification	:A61L 2/14
(31) Priority Document No	:0906091.4
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050606
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/116191
(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)OZONICA LIMITED

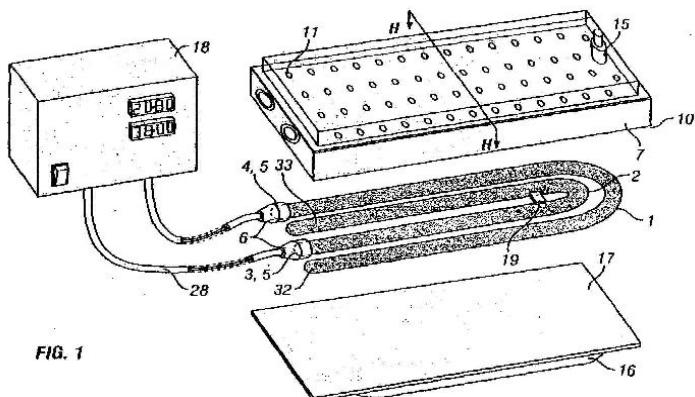
Address of Applicant :5 GIFFARD COURT, MILLBROOK CLOSE, NORTHAMPTON NN5 5JF, UNITED KINGDOM

(72)Name of Inventor :

1)SNOWBALL, MALCOLM, ROBERT

(57) Abstract :

An apparatus for sterilising a packaged product (16) such as food or drink comprises a pair of gas filled electrodes (1,2) connected to a power supply (18) for generating a high voltage pulses between the electrodes (1,2) sufficient to ionise the gas therein and to create a high electromagnetic field therebetween. A reflector (7) is provided for directing the generated field towards the package (16), such that the electromagnetic field penetrates through the wall of the package (16) and forms cold plasma from the trapped air inside the package (16). This cold plasma comprises ozone and other reactive oxygen based species which have a high oxidising potential and kill all micro organisms in contact with the ozone and reactive species resulting in the disinfection of the product as well as the interior of the sealed package.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.8374/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COATED STENTS

(51) International classification	:A61F 2/82
(31) Priority Document No	:61/165,880
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029494
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/120552
(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)MICELL TECHNOLOGIES, INC.

Address of Applicant :801 CAPITOLA DRIVE, DURHAM, NC 27713-4384 U.S.A.

(72)Name of Inventor :

1)TAYLOR, DOUGLAS

2)MCCLAIN, JAMES, B.

(57) Abstract :

Provided herein is a coated coronary stent, comprising: a. stent; b. a plurality of layers deposited on said stent to form said coronary stent; wherein at least one of said layers comprises a bioabsorbable polymer and at least one of said layers comprises one or more active agents; wherein at least part of the active agent is in crystalline form. Fig. 5

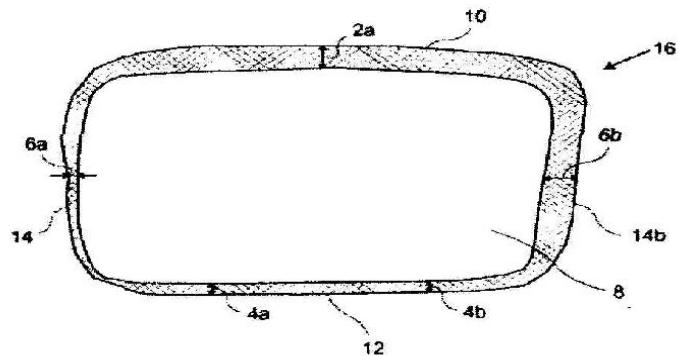


FIG. 5

No. of Pages : 108 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9061/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METER FOR FLUID OR POWDERY PRODUCT DISPENSING DEVICE

(51) International classification	:G06M 1/24
(31) Priority Document No	:09 52758
(32) Priority Date	:28/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050783
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/125288
(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)VALOIS S.A.S.

Address of Applicant :B.P.G, LE PRIERE, F-27110 LE NEUBOURG, FRANCE

(72)Name of Inventor :

1)LAUT, ANTOINE

(57) Abstract :

A counter including a body (460), and first and second rotary counter elements (410, 420) assembled in said body (460), said first counter element (410) co-operating with an actuator member (1430) on each actuation, said first counter element (410) including interconnection means for interconnecting with said second counter element (420), said interconnection means being actuated on every tenth actuation, said first counter element (410) being provided with a first peripheral edge portion (412) including counter indices, and being provided with a first set of teeth, said second counter element (420) being provided with a second peripheral edge portion (422) including counter indices, and being provided with a third set of teeth; said peripheral edge portions (412, 422) being radially coplanar and not having a common axis, said counter elements (410, 420) turning about axes of rotation that are parallel and offset, said counter elements (410, 420) being urged into contact with each other at a point that is situated at a common counter and/or display zone.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8323/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USER-BASED AUTHENTICATION FOR REALTIME COMMUNICATIONS

(51) International classification	:H04W 12/06
(31) Priority Document No	:12/432,773
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032303
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/126800
(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)MICROSOFT CORPORATION

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(72)Name of Inventor :

1)KRANTZ, ANTON W.

2)PARANDEKAR, AMEY

3)EYDELMAN, VADIM

4)NARAYANAN, SANKARAN

5)KUMAR, NAMENDRA

6)SHETH, SACHIN

(57) Abstract :

Architecture for a communications system enabling a user to provision a telephone at a new location without network administrative pre-configuring. An input component (e.g., keypad) receives a numeric extension and PIN. The extension is a telephone extension of the user and the PIN can be administratively assigned. A location component provides location information of an enterprise communications server to the telephone based on the extension. The telephone uses the location information to send messages to the enterprise communications server. A registration component registers the telephone with the enterprise communications server based on the numeric extension. A telephony address is returned to the telephone. An authentication component authenticates the telephone based on the PIN. Upon authentication, the extension is assigned to the telephone, and telephone communications can be sent and received from that location.

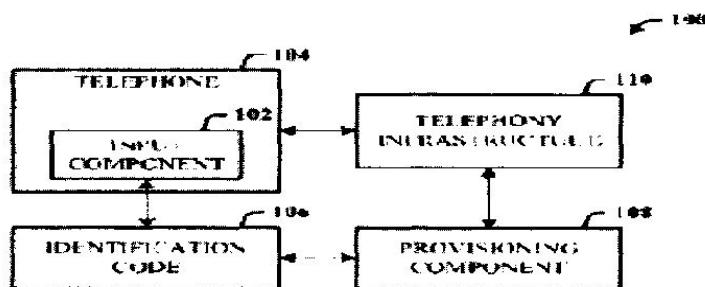


FIG. 1

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8326/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR OPERATING CONTROL DEVICE FOR APPLICATION IN VEHICLE

(51) International classification	:H02P 7/00
(31) Priority Document No	:10 2009 002 464.6
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054581
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/118978
(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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30, 02 20, STUTTGART
70442 Germany

(72)Name of Inventor :

1)GROSSMANN, ALEX

2)HALLOR, MATTIAS

(57) Abstract :

Described herein is a method for operating a control device (10). An actuation voltage (20) present between a first output (12) and a second output (14) is formed for operating a load (30). A state, in which the actuation voltage (20) is at least briefly and at least approximately zero, is switched into a first case in which the first output (12) and the second output (14) are connected at the same time to a first potential (22), into a second case in which the first output (12) and the second output (14) are connected at the same time to a second potential (24). Both the first case and the second case are switched at least once during an operation of the control device (10). A variable (26, 28), characterizing the actuation voltage (20) present at the first output (12) and the second output (14), is captured and subjected to a comparison.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8328/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL CRYSTALLINE POLYMORPH OF SITAGLIPTIN DIHYDROGEN PHOSPHATE

(51) International classification	:C07D 487/04
(31) Priority Document No	:723/KOL/2009
(32) Priority Date	:11/05/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2010/050772
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/131035
(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)GENERICS [UK] LIMITED

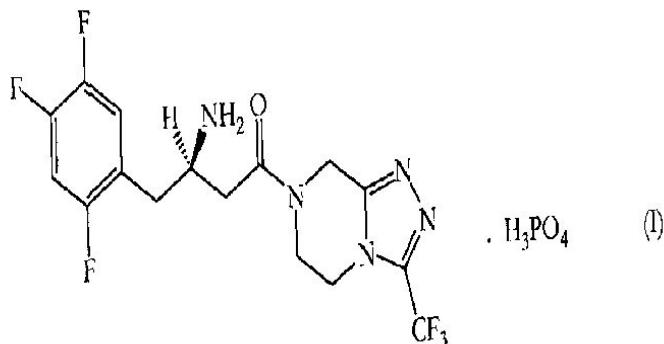
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(72)Name of Inventor :

**1)GORE, VINAYAK GOVIND
2)GADAKAR, MAHESHKUMAR
3)BHOSLE, PRIYANKA
4)SHINDE, SURESH
5)YADAV, PRASHANT**

(57) Abstract :

The present invention relates to a novel anhydrous crystalline form of sitagliptin dihydrogenphosphate (I), to processes for its preparation and to its use in pharmaceutical compositions.



No. of Pages : 26 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8852/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPTIMIZING GLYCAN PROCESSING IN PLANTS

(51) International classification	:C12N 15/52
(31) Priority Document No	:60/365,735
(32) Priority Date	:19/03/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB03/01626
Filing Date	:18/03/2003
(87) International Publication No	:WO 2003/078637
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2520/DELNP/2004
Filed on	:30/08/2004

(71)Name of Applicant :

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(72)Name of Inventor :

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- 2)DIONISIUS ELISABETH ANTONIUS FLORACK**
- 3)HENDRIK JAN BOSCH**
- 4)GERARD JOHAN ADOLPH ROUWENDAL,**

(57) Abstract :

A nucleic acid comprising a nucleotide sequence encoding a hybrid enzyme that comprises a transmembrane region of a plant glycosyltransferase and a catalytic region of a mammalian glycosyltransferase, wherein the hybrid enzyme comprises the amino acid sequence set forth in SEQ ID NO: 4.

No. of Pages : 144 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9141/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPACT MOBILE CARGO SCANNING SYSTEM

(51) International classification	:G01T 1/16
(31) Priority Document No	:61/180,471
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035720
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/135620
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :12525 CHADRON AVENUE,
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(72)Name of Inventor :

1)MORTON, EDWARD, JAMES

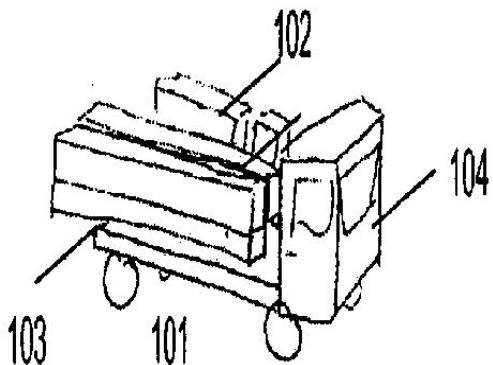
2)BALDWIN, FRANK

3)KOTOWSKI, ANDREAS,F.

(57) Abstract :

The present invention is a self-contained mobile inspection system and method and, more specifically, improved methods and systems for detecting materials concealed within a wide variety of receptacles and/or cargo containers. In particular, the present invention is an improved method and system with a novel boom structure that reduces the weight of the boom. The single, light-weight boom of the inspection system is relatively compact in a stowed configuration and has a low height and center of gravity lending to greater maneuverability.

FIGURE 1



No. of Pages : 61 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.7000/DELNP/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR TREATING DISORDERS USING NMDA NR2B-SUBTYPE SELECTIVE ANTAGONIST

(51) International classification	:A61K
(31) Priority Document No	:61/040,087
(32) Priority Date	:27/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/002241
Filing Date	:26/03/2009
(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)EVOTEC NEUROSCIENCES GMBH

Address of Applicant :SCHNACKENBURGALLEE 114,
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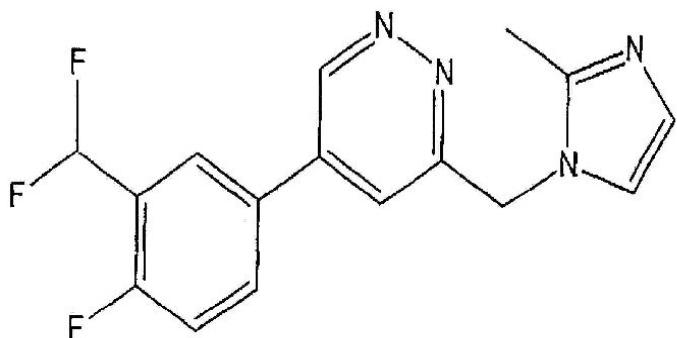
(72)Name of Inventor :

1)KEMP, JOHN ALAN

2)TASKER, TIMOTHY

(57) Abstract :

A method of treating, preventing or ameliorating a disease or condition by inhibiting NR2B subunit containing NMDA receptors using a compound according to formula (I) or a pharmaceutically acceptable salt thereof:



(II).

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8401/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LEAFLET ALIGNMENT FIXTURE AND METHODS THEREFOR

(51) International classification	:A61F 2/24
(31) Priority Document No	:61/165,490
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029523
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/114941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :23601 RIDGE ROUTE DRIVE, SUITE C, LAGUNA HILLS, CA 92637 U.S.A.

(72)Name of Inventor :

1)O'FALLON, PATRICK

2)HUYNH, VAN

3)YANG, JUN

(57) Abstract :

Described herein is an assembly and alignment tool for aligning leaflets of a soft leaflet prosthetic heart valve and fix the leaflets to each other and/or to a wireform or stent. In embodiments, the assembly or alignment tool includes a mandrel configured to support one or more leaflets of a prosthetic valve. The mandrel includes at least one suture hole disposed on the surface thereof to allow a needle to pass through when sewing the one or more leaflets to a wireform. FIGURE 2

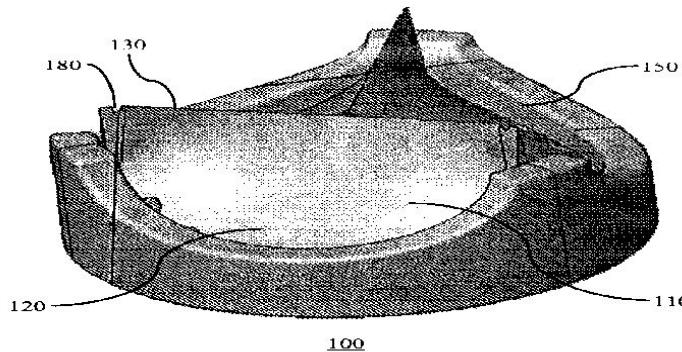


FIGURE 2

No. of Pages : 28 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9150/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-VOLTAGE AND MULTI -BRIGHTNESS LED LIGHTING DEVICES AND METHODS OF USING SAME

(51) International classification	:H05B 37/00	(71) Name of Applicant :
(31) Priority Document No	:61/217,215	1)LYNK LABS, INC.
(32) Priority Date	:28/05/2009	Address of Applicant :2511 TECHNOLOGY DRIVE, SUITE 108, ELGIN, ILLINOIS 60123-9323, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/001597	(72) Name of Inventor :
Filing Date	:28/05/2010	1)MISKIN, MICHAEL
(87) International Publication No	:WO 2010/138211	2)KOTTRITSCH, ROBERT L.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A single chip multi-voltage or multi-brightness LED lighting device having at least two LED circuits. Each of the at least two LED circuits having at least two LEDs connected together in series. Each of the at least two LED circuits are electrically unconnected to each other in a parallel relationship, have a forward operating drive voltage of at least six volts and are monolithically integrated on a single substrate. A method of manufacturing a single chip with two or more LED circuits configurable by means of connecting the circuits so as to provide optional operating voltage level and/or desired brightness level wherein the electrical connection may be achieved and/or completed at the LED packaging level when the single chips are integrated into the LED package. Alternatively, the LED package may have external electrical contacts that match the integrated chips within. Optionally allowable, the drive voltage level and/or the brightness level select-ability may be passed on through to the exterior of the LED package and may be selected by the LED package user, the PCB assembly facility, or the end product manufacturer.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9152/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GAS MIST PRESSURE BATHING SYSTEM

(51) International classification	:A61Q 11/00	(71) Name of Applicant :
(31) Priority Document No	:2010-150850	1)NAKAMURA SHOICHI
(32) Priority Date	:01/07/2010	Address of Applicant :1468, HIGASHIJO, CHIKUHOKUMURA, HIGASHICHIKUMA-GUN, NAGANO 3997502, Japan
(33) Name of priority country	:Japan	2)ACP JAPAN CO., LTD.
(86) International Application No	:PCT/JP2011/064968	(72) Name of Inventor :
Filing Date	:29/06/2011	1)NAKAMURA SHOICHI
(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 is to provide a gas mist pressure bathing system which controls amounts and pressure of gas and liquid for causing a gas mist to be absorbed into the skin and mucous membrane of the living organism. This system comprises a gas supply means 10, a liquid storage 32 storing the liquid, a gas mist generating means 30 having a nozzle for supplying under pressure the gas and a liquid sucking pipe for sending the liquid to the front end of the nozzle, a covering member 50 for the living organism covering the skin and mucous membrane of the living organism and formed with a space for sealing inside the gas mist supplied from the gas mist generating means, sensors 71, 72 for measuring supplying conditions the gas, liquid and gas mist, and a control means 60 for controlling supplying conditions the gas, liquid and gas mist based on the measuring values of the sensors 71, 72, wherein the gas mist generating means 30 is further provided with a gas introduction means 42, 44 for supplying the gas into the gas mist generating means 30 independently of the nozzle in order to heighten supplying pressure of the gas mist into the living organism covering member.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8510/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEMODIALYSIS AND PERITONEAL DIALYSIS SOLUTIONS COMPRISING ONE OR MORE CREATING COMPOUNDS

(51) International classification	:A61K 31/198	(71) Name of Applicant :
(31) Priority Document No	:09005038.6	1)CREARENE LTD.
(32) Priority Date	:06/04/2009	Address of Applicant :LENNOX PATON CORPORATE SERVICES LIMITED, FORT NASSAU CENTRE, MARLBOROUGH STREET, NASSAU, BAHAMAS Bahamas
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/CH2010/000065	1)MODDEL, MICHAEL
Filing Date	:10/03/2010	2)WALLIMANN, THEO
(87) International Publication No	:WO 2010/115291	
(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 haemodialysis solution or concentrate thereof comprising creatine compound(s) and the use of creatine compound(s) for preparing a dialysis solution or concentrate thereof. Furthermore, the present invention is directed to a method for preparing creatine-containing dialysis solutions and concentrates. In addition, the present invention is directed to a method for treating patients with dialysis dependent renal failure with creatine compounds and to provide a variety of significant health benefits and improvement of life quality parameters for dialysis patients. This is achieve by supporting and improving the physiological functions of the patients organs and cells via creatine compounds delivery to the patients, and by protecting organs and cells (specifically including blood cells) of these patients from deleterious effects of a variety of endogenous or exogenous cellular stressors that are linked to the disease state or to the clinical treatment modalities. Furthermore in peritoneal dialysis solutions creatine can be used as an osmotic agent preventing side effects caused by high glucose supplementation.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9201/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTACT ARRANGEMENT FOR AN ELECTROMAGNETIC SWITCHING DEVICE

(51) International classification :H01H 1/20
(31) Priority Document No :10 2009 036 054.9
(32) Priority Date :04/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/059206
Filing Date :29/06/2010
(87) International Publication No :WO 2011/015409
(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

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(72)Name of Inventor :

1)BAUMI; ALFRED

2)FISCHER; DANIELA

3)GRAF; JOSEF

4)ZIMMERMANN; NORBERT

(57) Abstract :

The invention relates to a contact arrangement for an electromagnetic switching device having multiple breaks having displaceable spring-loaded shifters (1, 2) guided in a contact actuating element (16) and fixed by a spring cup (15). The invention is characterized in that the shifters (1, 2) comprise non-stepped, finger-like protrusions (3, 4). Fig: 1

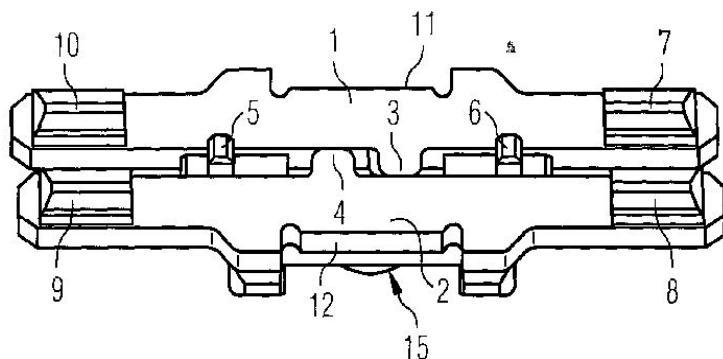


Fig: 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9202/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTEGRATED OPTOELECTROCHEMICAL SENSOR FOR NITROGEN OXIDES IN GASEOUS SAMPLES

(51) International classification	:G01N 27/30
(31) Priority Document No	:61/184,596
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037101
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141610
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

**1)TAO, NINGJIAN
2)FORZANI, ERICA
3)IGLESIAS, RODRIGO**

(57) Abstract :

A gas-phase detection system based on detecting optochemical and optoelectrochemical signals. The sensing platform is particularly powerful for detection of nitrogen oxides at low ppbV concentrations. The optochemical analysis is based on the color development due to a chemical reaction taking place in an optimized material. The electrochemical analysis can be based on the doping level or redox potential changes of an electrochemical sensor; and optoelectrochemical detection can be based on a combination of the electrochemical and optoelectrochemical methodologies. Each independent signal can be simultaneously detected, increasing the reliability of detection.

No. of Pages : 33 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9203/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BIOLOGICAL TREATMENT METHOD.

(51) International classification	:C02F 3/12
(31) Priority Document No	:2009-197994
(32) Priority Date	:28/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064500
Filing Date	:26/08/2010
(87) International Publication No	:WO 2011/024905
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KOBELCO ECO-SOLUTIONS CO., LTD.

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1)MATSUOKA, KEIICHI

2)INUKAI, MASANORI

3)INAMASU, HIRONOBU

4)YAMASHITA, TETSUO`

5)AKASHI, AKIRA

(57) Abstract :

It is an object of the present invention to provide a biological treatment method of biologically treating the subject water containing phenol, thiocyanate and the like, which improves the quality of treated water, while suppressing a reduction in treatment efficiency. As a means for achieving the aforementioned object, the present invention relates to a biological treatment method including introducing subject water containing a COD component, wherein the COD component is at least one of phenol and thiocyanate, into a biological treatment tank containing sludge containing bacteria capable of decomposing the COD component to thereby biologically treat the COD component with the bacteria, wherein, before the introduction of the subject water into the biological treatment tank, a step of counting the total number of bacteria contained in the sludge is carried out, so that the amount of the COD component loaded on a single bacterium per unit time can be controlled within a predetermined range.

No. of Pages : 38 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8138/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUBSTITUTED NUCLEOSIDE AND NUCLEOTIDE ANALOGS

(51) International classification	:A01N 43/90
(31) Priority Document No	:61/162,198
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028046
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/108140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BEIGELMAN, LEONID

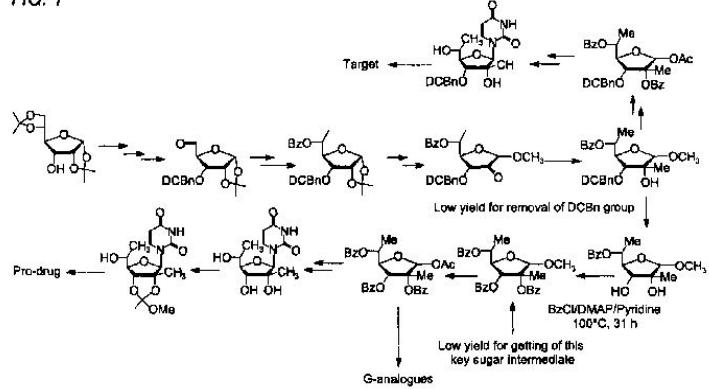
2)BLATT, LAWRENCE

3)WANG, GUANGYI

(57) Abstract :

Disclosed herein are nucleotide analogs with protected phosphates, methods of synthesizing nucleotide analogs with protected phosphates and methods of treating diseases and/or conditions such as viral infections, cancer, and/or parasitic diseases with the nucleotide analogs with protected phosphates. FIG. 1

FIG. 1



No. of Pages : 201 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.8282/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLID ALKYLARYL PHOSPHITE COMPOSITIONS AND METHODS FOR MANUFACTURING SAME

(51) International classification	:C07C	(71) Name of Applicant :
(31) Priority Document No	:61/230,649	1)CHEMTURA CORPORATION
(32) Priority Date	:31/07/2009	Address of Applicant :199 BENSON ROAD, MIDDLEBURY, CONNECTICUT 06749, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/043305	1)MICHAEL E. GELBIN
Filing Date	:27/07/2010	2)JONATHAN S. HILL
(87) International Publication No	:NA	3)MAURICE POWER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to various alkylaryl phosphite compositions that ideally are suitable for use as secondary antioxidants in polymers. In one aspect, the phosphite composition comprises a tris(monoalkylaryl)phosphite in an amount from 51 to 95 weight percent; and at least one of: a bis(monoalkylaryl)dialkylaryl phosphite; a bis(dialkylaryl)monoalkylaryl phosphite; and a tris(dialkylaryl) phosphite. The inventive phosphite composition is a solid at ambient conditions. The invention also relates to alkylate compositions and processes for forming such alkylate compositions and such phosphite compositions.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8426/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WALL FACING PANEL (EMBODIMENTS)

(51) International classification	:E04F 13/12	(71) Name of Applicant :
(31) Priority Document No	:2009111478	1)LYUBOMIRSKIY, ANDREY VILENOVICH
(32) Priority Date	:31/03/2009	Address of Applicant :UL. YASENEVAYA, 36/2-132
(33) Name of priority country	:Russia	MOSCOW, 115597 RUSSIA (RU) Russia
(86) International Application No	:PCT/RU2010/000139	(72) Name of Inventor :
Filing Date	:29/03/2010	1)LYUBOMIRSKIY, ANDREY VILENOVICH
(87) International Publication No	:WO 2010/114419	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The wall panel consists of a metal base and an outer layer, on the front face of which there are convex and/or concave elements making up a design with textured structure; the design formed by the said elements features convex elements with a diameter of 0,01 mm to 25 mm and concaves with a width of 0,01 mm to 25 mm and a depth not exceeding 0.95 d where d = 0,02 - 5,0 mm, the thickness of the sheet material of the outer layer; the design is formed in conformity with the condition where $S_{conv}/S_{conc} = 0,05 - 19,0$ where S_{conv} is the combined area of the convex elements, and S_{conc} is the combined area of the concaves. The textured design is done as follows: with regular spacing of the convex elements and concaves on the front face of the panel, with random spacing of the convex elements and concaves, or with a mix of regular and random spacing of the convex elements and concaves on the front face of the panel

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8429/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM FOR TRANSFERRING ENERGY WIRELESSLY

(51) International classification	:H02J 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/003269
Filing Date	:07/05/2009
(87) International Publication No	:WO 2010/127685
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BELLA, VALTER

(57) Abstract :

There is disclosed a system for transferring energy wirelessly by means of an evanescent electromagnetic field; the system comprises a housing (CS) defining an internal space by means of a plurality of electrically conducting walls and an injector (LR) adapted to inject electromagnetic waves into this internal space; a wall (EE) of the housing (CS) is adapted to be placed adjacent to an electromagnetic energy reception device (RCE) and comprises one or more apertures; the frequency (f) of the electromagnetic waves is lower than the cutoff frequency (fc) of the housing (CS), and the aperture/apertures has/have a size smaller than the waves wavelength (A) so that an evanescent electromagnetic field is emitted from the aperture/apertures of the wall (EE) and may reach the energy reception device (RCE).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9444/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CABLE WITH THREE LAYERS, RUBBERISED ON SITE, FOR THE FRAMEWORK OF A TYRE CARCASS

(51) International classification	:D07B 1/06
(31) Priority Document No	:0902680
(32) Priority Date	:03/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/057245
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/139583
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

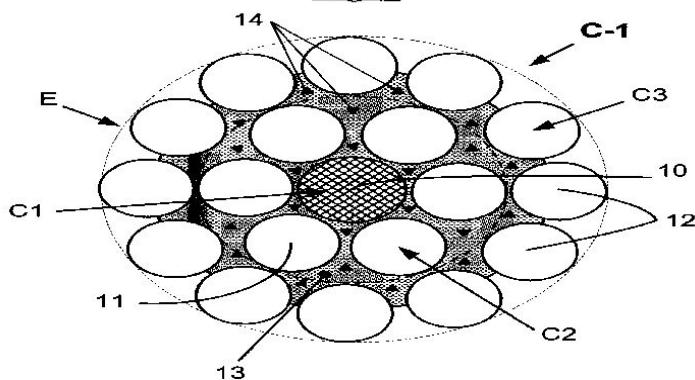
(72)**Name of Inventor :**

1)JACQUES GAUTHIER
2)THIBAUD POTTIER

(57) Abstract :

Metal cord (C-1) with three layers (C1, C2, C3), which is rubberized in situ, comprising a core or first layer (10, C1) of diameter d1, around which there are wound together in a helix at a pitch p2, in a second layer (C2), N wires (11) of diameter d2, around which there are wound together in a helix at a pitch p3, in a third layer (C3), P wires (12) of diameter d3, the said cord being characterized in that it has the following characteristics (d1, d2, d3, p2 and p3 being expressed in mm): - $0.08 \leq d_1 \leq 0.50$; - $0.08 \leq d_2 \leq 0.45$; - $0.08 \leq d_3 \leq 0.45$; - $5.1 \pi (d_1 + d_2) < p_2 < p_3 < 4.9 \pi (d_1 + 2d_2 + d_3)$; - over any 2 cm length of cord, a rubber composition called filling rubber (13) is present in each of the capillaries (14) lying on the one hand between the core (C1) and the N wires (11) of the second layer (C2), and on the other hand between the N wires (11) of the second layer (C2) and the P wires (12) of the third layer (C3); - the content of filling rubber (13) in the cord is comprised between 10 and 50 mg per gram of cord. Multi-strand cord at least one of the strands of which is a three-layered metal cord (C-1) rubberized in situ, in accordance with the invention. Fig.1

Fig. 1



No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4789/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR IMPROVING SKIN QUALITY USING RINSE-OFF PERSONAL CARE COMPOSITIONS WITH VARIABLE AMOUNTS OF HYDROPHOBIC BENEFIT AGENTS

(51) International classification	:A61K 8/03
(31) Priority Document No	:12/361,492
(32) Priority Date	:28/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022456
Filing Date	:28/01/2010
(87) International Publication No	:WO 2010/101685
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CETTI, JONATHAN, ROBERT

3)WEHMEYER, KENNETH, ROBERT

4)WEI, KARL SHIQING

5)WIMALASENA, ROHAN, LALITH

6)BIEHLE, SUSAN, JEANE

7)FARRIS, RICHARD DUFFY

(57) Abstract :

In various embodiments, provided are (i) methods and regimens for application of a personal care product for treating and maintaining the quality of skin, wherein a composition formulated to comprise at least two benefit agents, such as a lathering agent and a hydrophobic benefit agent, is applied to the user's skin over a treatment cycle that comprises two or more stages; (ii) methods for identifying and providing personal care products for treating and maintaining the quality of skin to specific populations of users; and (iii) methods for assessing, treating and maintaining the quality of skin and minimizing the signs of aging by assessing the activity of one or more skin biomarkers or physical properties that are indicative of skin quality.

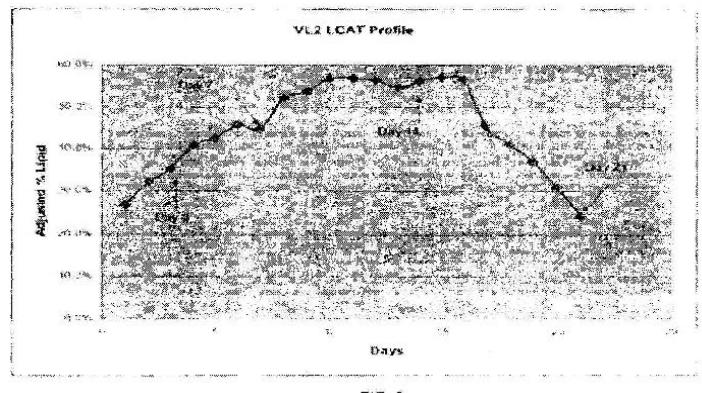


FIG 5

No. of Pages : 95 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2009

(21) Application No.6029/DELNP/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR PREPARING ALKYLATED AROMATIC COMPOUND

(51) International classification	:C07C
(31) Priority Document No	:2007-044363
(32) Priority Date	:23/02/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/052225
Filing Date	:12/02/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)UMENO Michiaki

3)AOKI Shinobu

4)FUJITA Terunori

5)OHKUBO Tsuneyuki

(57) Abstract :

The present invention provides a process in which a ketone is directly reacted with an aromatic compound in a single reaction step to obtain the corresponding alkylated aromatic compound in a higher yield. By reacting an aromatic compound with a ketone and hydrogen in the presence of a solid acid substance and a catalyst composition containing Cu and Zn in a ratio of Zn to Cu ranging from 0.70 to 1.60 (atomic ratio), the corresponding alkylated aromatic compound is prepared.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.6539/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAPPED TUFTED LAMINATE WEB

(51) International classification	:A61F 13/15
(31) Priority Document No	:12/415,140
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028458
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010117636
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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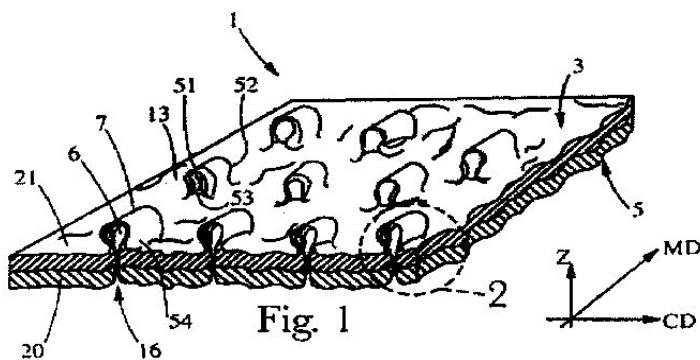
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(72)Name of Inventor :

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- 3)HOYING, JODY LYNN
- 4)LLOYD, SUSAN NICOLE
- 5)TURNER, ROBERT HAINES

(57) Abstract :

A laminate web having a nonwoven web in facing relationship with a polymer film. The laminate web has a first side comprising the polymer film and a plurality of discrete tufts including fibers integral with and extending from the nonwoven web. Each of the tufts has a tuft base proximal to the nonwoven web and a distal portion opposing the tuft base. At least part of the distal portion of each of the tufts is covered by a cap, each cap being an integral extension of said polymer film extending over the distal portion of a discrete tuft. The cap has a first opening including a location of rupture in the polymer film above which the tuft extends.



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8573/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL FORMULATIONS OF VOLATILE ANESTHETICS AND METHODS OF USE FOR REDUCING INFLAMMATION

(51) International classification	:A61M 31/00
(31) Priority Document No	:61/175,751
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/033746 :05/05/2010
(87) International Publication No	:WO 2010/129686
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

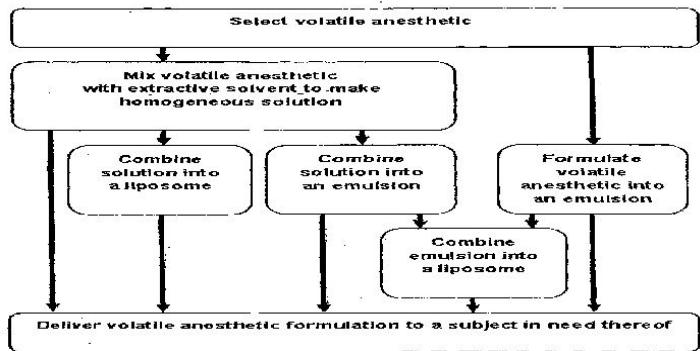
1)SPAKEVICIUS, DANGUOLE

2)OZSOY, HATICE

(57) Abstract :

The present invention provides methods for treating inflammation or a wound in a subject in need of such wound treatment or inflammation treatment by delivering a volatile anesthetic to the wound or the inflammation site. Figure 1

Figure 1



No. of Pages : 72 No. of Claims : 108

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9250/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RUN-FLAT TIRE

(51) International classification	:B60C 17/00
(31) Priority Document No	:2009-131573
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003619
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/137347
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KEITA YUMII

2)HIRAKI IWASA

(57) Abstract :

Provided is a run-flat tire having a substantially-crescent-shaped cross section, which makes it possible to achieve both durability at the time of run-flat travel and ride comfort at the time of travel at a normal inner pressure. A rigidity reducing portion 20 that reduces a tire rigidity in the width direction extends in the circumferential direction on a surface of a tread rubber 1 in an area located on the inner side than an end 5a of a belt in the tire width direction and on the outer side than a road-contacting end 15 in the tire width direction under a 75% load state.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9409/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PRESSURE REGULATING DEVICE, COMPRESSED AIR SUPPLY SYSTEM AND MOTOR VEHICLE

(51) International classification	:F16K 17/10	(71) Name of Applicant :
(31) Priority Document No	:200910107193.X	1)CONG, YANG
(32) Priority Date	:01/05/2009	Address of Applicant :FLAT 30C, BLOCK B, QING TIAN HUA TING, SHANG BAO LU, SHENZHEN, GUANGDONG 518034, China
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN2010/072410	(72) Name of Inventor :
Filing Date	:04/05/2010	1)CONG, YANG
(87) International Publication No	:WO 2010/124661	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure regulating device, a compressed air supply system and a motor vehicle are provided. The pressure regulating device comprises a first valve seat (301), a first valve plug (302), a second elastic body (314) and a first gas pipeline (307). A sliding sealing fit is provided between the first valve plug (302) and the first valve seat (301), and the first valve plug (302) divides the first valve seat (301) into a first chamber (305) and a second chamber (306). The second elastic body (314) is arranged in the second chamber (306) and supports the first valve plug (302). The first chamber (305) is connected with the first gas pipeline (307). The first valve plug (302) has at least two branch airways (323), each of which having a gas outlet (325). The first valve plug (302) has at least two third positions in which at least one gas outlet (325) is closed by the inner wall (321) and at least one of other gas outlets (325) leaves the inner wall (321). Gas flux and gas pressure are regulated through operation of a controller (400), making the first valve plug (302) move upward and downward, thus facilitating an easy regulating of gas flux and gas pressure in the fourth gas pipeline (310).

No. of Pages : 37 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9332/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INJECTABLE COMBINATION OF ADRENERGIC RECEPTOR AGONISTS WITH FILLERS, FOR DECREASING SKIN REACTIONS DUE TO INJECTION

(51) International classification	:A61K 31/498
(31) Priority Document No	:61/213,322
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057493
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/136594
(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)SYMATESE

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2)GALDERMA RESEARCH & DEVELOPMENT

(72)**Name of Inventor :**

1)BERTHOLON ISABELLE

2)BRUNEL FLORENCE

3)HERBAGE BENJAMIN

4)VILLARD CHRISTOPHE

(57) Abstract :

The present invention concerns an injectable composition comprising a filler or a botulinum toxin and an adrenergic receptor agonist, and its use for diminishing, decreasing or avoiding skin reactions due to injection, specially redness, ecchymosis, bruising, bleeding, erythema, oedema, necrosis, ulceration, swelling and/or inflammation.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9337/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND COATING PLANT FOR PROVIDING A WORKPIECE WITH A COATING

(51) International classification	:F26B 15/10
(31) Priority Document No	:10 2009 023 115.3
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056869
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/133624
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DALIBOR, GERALD

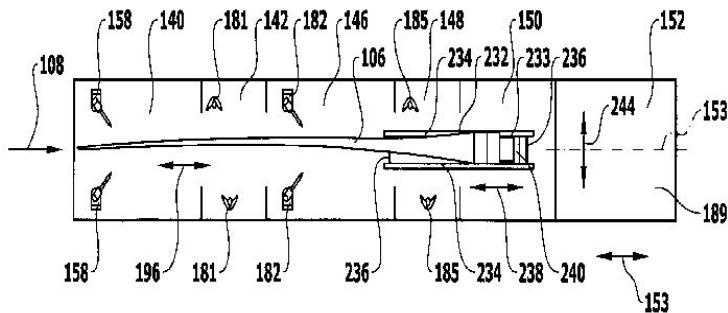
3)MROZEK, JERZY

4)FOJTCZIK JORG

(57) Abstract :

In order to produce a method of providing a workpiece (106) with a coating comprising the following process steps: - coating the workpiece (106); and -drying the workpiece (106) by means of a drying device (189) which is of increased capacity and is also particularly suitable for very long workpieces, there is proposed a method wherein the workpiece (106) is moved relative to the drying device (189) after the process of coating the workpiece (106) has begun and before the process of drying the workpiece (106) has terminated. FIG. 4

FIG.4



No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9541/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MAETHOD OF SAFE TRANSFER OF FILTER SEGMENTS IN THE PROCESS OF PRODUCING
MULTI-SEGMENT FILTERS

(51) International classification	:A24D 3/02	(71) Name of Applicant :
(31) Priority Document No	:P-388549	1)INTERNATIONAL TOBACCO MACHINERY
(32) Priority Date	:15/07/2009	Address of Applicant :POLAND SP. Z O.O. UL. WARSZTATOWA 19A PL-26-600 RADOM, POLAND Poland
(33) Name of priority country	:Poland	
(86) International Application No	:PCT/PL2010/000052	(72) Name of Inventor :
Filing Date	:24/06/2010	1)CIESLIKOWSKI BARTOSZ
(87) International Publication No	:WO 2011/008113	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the manufacture of segment filters, appropriately prepared segments (1) are transferred through a delivery zone (2) to a separation zone (4) equipped with a separating unit (5), and then transferred between the drivers (8) of a rotating disk (9) mounted on axis (10), which constitutes a transferring unit (11), and intercepted by the said unit (11.) in an interception zone (T), they are transferred individually through a transfer zone (12) to a placement zone (14), where they are positioned on the horizontal track of the grouping belt (13), and in the case of incorrect flow of filter segments (1) in any zone (2, 4, 7, 12, 14) and/or between the zones, the process of the transfer of the filter segments in at least one zone is interrupted, which causes the interruption of the filters production process. Detection of incorrect flow is effected by means of checking the resistance to motion of mechanisms by means of checking the driving torque of a motor in each zone, or by checking the change of the position of the mechanisms by means of a sensor (1_7) fixed in the transferring unit (0) and/or the separating unit (5). The interruption of the process is effected by removal of the transferring unit (H) and/or the separating unit out of the filter segments' (1) flow track, and the removal may be effected by means of a pneumatic cylinder moving the transferring unit (H) along its guide (16) of the axis parallel to the axis of rotation (10) of the unit (H.) or the rotating the unit around the axis of the guide. Mounted together on one guide, the separating unit and the transferring unit may be removed together by moving along a guide perpendicular to the axis of rotation of the transferring unit or by rotating around the axis of a guide parallel to the axis of rotation of the transferring unit.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9544/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADVERTISING PANEL

(51) International classification	:G09F 11/06
(31) Priority Document No	:PI0901621-0
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2010/000181
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/135799
(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)SEDA, LUIZ ANTONIO

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(72)Name of Inventor :

1)SEDA, LUIZ ANTONIO

(57) Abstract :

The present invention relates to an advertising panel that consists in the use of an assembly of electric connections and electric and electronic components, toothed gears and timers, and to a system for displaying advertising segments in continuous or discontinuous sessions which, during rotation, show a whole image, used to present an unlimited number of advertisements in a single system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8445/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Composition for the Treatment of Prostate Cancer

(51) International classification	:A61K
(31) Priority Document No	:09251242.5
(32) Priority Date	:01/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/001063
Filing Date	:30/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)OLESEN Tine Kold

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(57) Abstract :

A composition for the treatment of prostate cancer is provided.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8446/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LACTOBACILLUS STRAIN AND FOOD HAVING ANTIFUNGAL ACTIVITY

(51) International classification

:A01J

(31) Priority Document No

:2009-099033

(32) Priority Date

:15/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2010/056618

Filing Date

:13/04/2010

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KOKUBO Naomi

2)OZAWA Miyuki

3)NAKAYA Seigo

4)KATO Azusa

5)ICHINOSE Shinichiro

6)SASAKI Shiro

(57) Abstract :

An object of the present invention is to provide a novel strain that is capable of effectively inhibiting the growth of microorganisms such as fungi and *Staphylococcus aureus* is safe and does not influence the flavor and taste of foods. The present invention relates to a strain of *Lactobacillus sanfranciscensis* WB1006 (FERM ABP-11246) and also relates to a food produced with the use of the strain.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.8601/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PASSIVE REUSE PREVENTION SYRINGE THAT USES A TIP LOCK

(51) International classification	:A61M 5/50
(31) Priority Document No	:61/172,866
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048879
Filing Date	:26/06/2009
(87) International Publication No	:WO 2010/126536
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)ODELL, ROBERT

3)CAIZZA, RICHARD JAMES

(57) Abstract :

Various embodiments of syringe assemblies include a syringe barrel and a substantially conical tip or outlet disposed on the distal end of the barrel. The substantially conical tip includes a locking mechanism that engages an extension of a plunger assembly extending from a distal end of the plunger assembly so as to retain the extension within the substantially conical tip or outlet upon full injection of the contents of the syringe to a patient. According to one embodiment, a plunger head of the plunger assembly is slidably disposed on the extension. According to another embodiment, a separate hub, which holds a needle cannula, is disposed on an outlet at the distal end of the syringe barrel, which contains the locking mechanism. According to a further embodiment, the locking mechanism includes a locking clip disposed within the substantially conical tip of the syringe assembly.

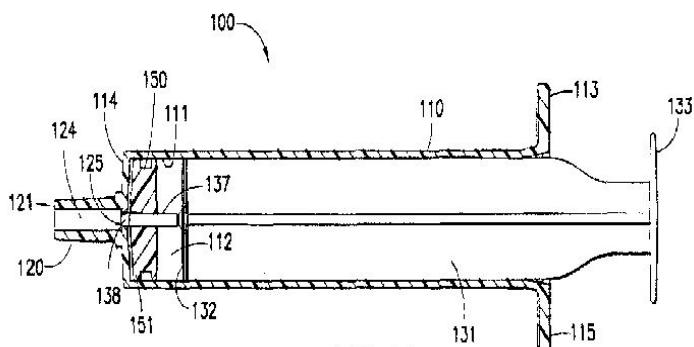


FIG.14

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9565/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIQUID ENTERAL NUTRITIONAL COMPOSITION WITH A LOW MONOVALENT METAL ION CONTENT

(51) International classification

:C07D

(31) Priority Document No

:PCT/NL2010/050313

(32) Priority Date

:05/06/2009

(33) Name of priority country

:Netherlands

(86) International Application No

:PCT/NL2010/050345

Filing Date

:07/06/2010

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

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(72)Name of Inventor :

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2)VAN STEENIS Suzanne

3)RUIS Hilde

(57) Abstract :

Heat-treated liquid enteral nutritional composition with a low monovalent metal ion content are provided that contain micellar casein and optionally caseinate and in which the total amount of monovalent metal ions is less than 25 mg/g of protein. Also heat-treated liquid enteral nutritional compositions are disclosed comprising 10 to 20 g of protein per 100 ml of the composition in which all or a major part of said protein comprises micellar casein. Also a method is disclosed for producing the composition according to the invention comprising a step wherein an aqueous protein solution in which all or a major part of said protein comprises micellar casein is subjected to an evaporation step.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.9566/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR THE COLLECTION AND MATURATION OF OOCYTES

(51) International classification	:A01J
(31) Priority Document No	:61/178,318
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000569
Filing Date	:14/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)GILCHRIST Robert Bruce
2)THOMPSON Jeremy
3)ALBUZ Firas**

(57) Abstract :

The present invention relates to a method of producing an embryo from an oocyte by an assisted reproduction technology. The method includes (a) collecting an oocyte from an ovary of a subject in a collection medium comprising a first phosphodiesterase inhibitor and an agent that increases intracellular cAMP concentration in the oocyte (b) culturing the oocyte in a maturation medium comprising a second phosphodiesterase inhibitor and (c) producing an embryo from the oocyte by an assisted reproduction technology. The present invention also relates to methods of inducing oocyte maturation. For example a method of in vitro maturation of an oocyte is described which comprises steps (a) and (b) above. The present invention also relates to an oocyte maturation medium comprising a phosphodiesterase inhibitor and a ligand for inducing maturation of the oocyte. A combination product comprising an oocyte collection and maturation medium referred to above is also described.

No. of Pages : 73 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8994/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SECURELY IDENTIFYING AND AUTHENTICATING DEVICES
INA SYMMETRIC ENCRYPTION SYSTEM

(51) International classification	:H04L 9/28
(31) Priority Document No	:61/213,166
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034777
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132695
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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3)SCHULTZ, TROY A.

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1)ENGELS, DANIEL WAYNE

2)SMITH, ERIC MYRON

3)SCHULTZ, TROY A.

(57) Abstract :

The present invention describes a system and method for securely identifying and authenticating devices in a symmetric encryption system. An RFID tag can generate indicators using encryption state variables and a symmetric key. An RFID reader, after receiving the encryption state variables from the tag, may identify the tag by performing an exhaustive key search in a key database. Each key in the database may be tested by using the key and encryption state variables to perform an encryption operation similar to that performed by the tag. The result is then compared with the received tag indicators to determine if the tag has been identified. A rotor-based encryption scheme provides for a low cost key search while providing resilience against cloning, tracking, tampering and replay attacks.

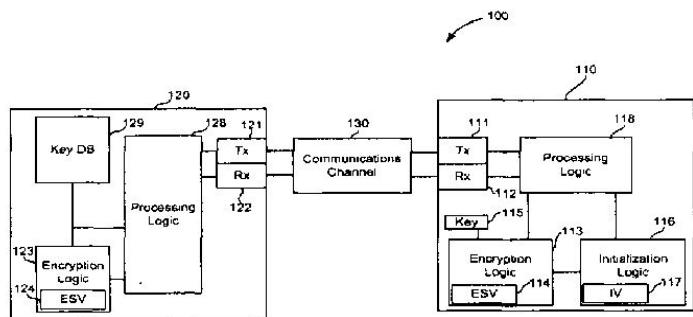


Figure 1

No. of Pages : 33 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8995/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POLYCRYSTALLINE DIAMOND

(51) International classification	:C04B 35/52
(31) Priority Document No	:0909350.1
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2010/052418
Filing Date	:31/05/2010
(87) International Publication No	:WO 2010/140108
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NAIDOO, KAVESHINI

2)SHABALALA, THEMINKOSI

(57) Abstract :

A polycrystalline diamond (PCD) material 10 comprising at least 88 volume percent and at most 99 volume percent diamond grains 12, the mean diamond grain contiguity being greater than 60.5 percent. The PCD material 10 is particularly but not exclusively for use in boring into the earth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9137/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EFFICIENT UPLINK TRANSMISSION OF CHANNEL STATE INFORMATION

(51) International classification	:H04B 7/04
(31) Priority Document No	:61/172,484
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051807
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122535
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CHENG, JUNG-FU

2)ZANGI, KAMBIZ

3)HUI, DENNIS

4)KRASNY, LEONID

(57) Abstract :

A UE in a wireless communication network transmits succinct, direct channel state information to the network, enabling coordinated multipoint calculations such as joint processing, without substantially increasing uplink overhead. The UE receives and processes reference symbols over a set of non-uniformly spaced sub-carriers, selected according to a scheme synchronized to the network. The frequency response for each selected sub-carrier is estimated conventionally, and the results quantized and transmitted to the network on an uplink control channel. The non-uniform sub-carrier selection may be synchronized to the network in a variety of ways.

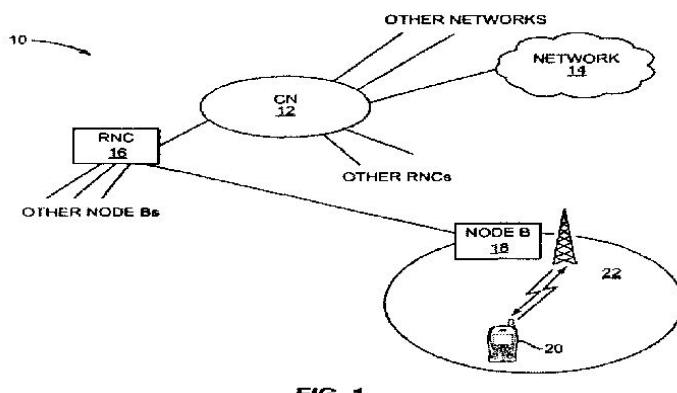


FIG. 1

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9457/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRAVELING SUPPORT APPARATUS AND TRAVELING SUPPORT METHOD

(51) International classification	:H04M
(31) Priority Document No	:NA
(32) Priority Date	:17/05/2011
(33) Name of priority country	:
(86) International Application No	:PCT/JP2011/056445
Filing Date	:17/03/2011
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)AKIYAMA TOMONORI

2)IGARASHI SHINJI

3)YOSHIHAMA YUKI

(57) Abstract :

An object of the present invention is to provide a technique in order to carry out the driving support in conformity with the running feeling of a driver. The present invention resides in a traveling support apparatus for carrying out support of assist or warning in order to avoid any departure of a vehicle from a traveling route set on the basis of a traveling-prohibited region or a road indication to indicate a lane boundary, wherein a boundary of the traveling route is set by reflecting a distance which is provided in a lateral direction of the vehicle until present time between the subject vehicle and the traveling-prohibited region or the road indication to indicate the lane boundary. Accordingly, it is possible to set the boundary of the traveling route which is favorable for the driver and which is appropriate corresponding to each road. Therefore, it is possible to carry out the driving support in conformity with the running feeling of the driver. [SELECTED FIGURE] Fig. 4

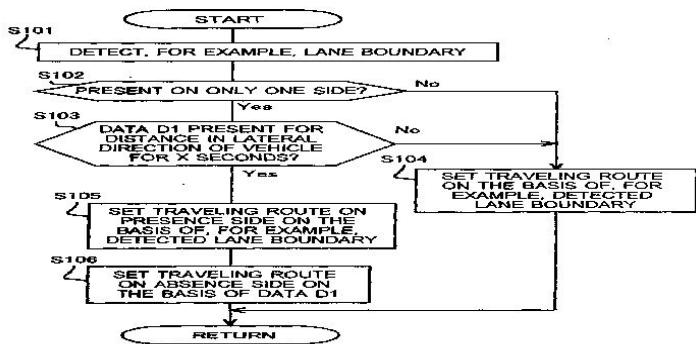


Fig.4

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9655/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLID DISPERSIONS CONTAINING AN APOPTOSIS-PROMOTING AGENT

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/185,105
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037795
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144464
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TONG PING

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5)WU HUAILIANG

6)MILLER JONATHAN MARK

7)LI YANXIA

8)LAFOUNTAINE JUSTIN S.

(57) Abstract :

A pro-apoptotic solid dispersion comprises, in essentially non-crystalline form, a Bcl-2 family protein inhibitory compound, e.g., ABT-263, dispersed in a solid matrix that comprises (a) a pharmaceutically acceptable water-soluble polymeric carrier and (b) a pharmaceutically acceptable surfactant. A process for preparing such a solid dispersion comprises dissolving the compound, the polymeric carrier and the surfactant in a suitable solvent, and removing the solvent to provide a solid matrix comprising the polymeric carrier and the surfactant and having the compound dispersed in essentially non-crystalline form therein. The solid dispersion is suitable for oral administration to a subject in need thereof for treatment of a disease characterized by overexpression of one or more anti-apoptotic Bcl-2 family proteins, for example cancer.

No. of Pages : 48 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9664/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MAGNETOELECTRONIC ANGLE SENSOR, IN PARTICULAR A RELUCTANCE RESOLVER

(51) International classification	:G01D 5/20
(31) Priority Document No	:10 2009 021 444.5
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055484
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/130550
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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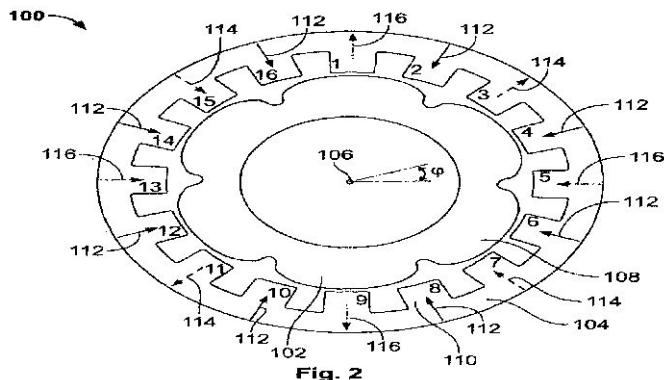
1)OCKET, TOM

2)VAN CAUWENBERGE, JAN

3)VERSTRAEDE, JURGEN

(57) Abstract :

The present invention relates to a reluctance resolver (100) with an at least partially soft magnetic stator (104) and an at least partially soft magnetic rotor (102) which oppose each other by forming an air gap. The magnetic resistance in the air gap changes periodically on account of a configuration of the rotor that varies over the circumference. The angle sensor has a magnetic flux transmitter which is arranged on the stator and generates a predefined magnetic flux distribution in the air gap via at least one pair of poles. Furthermore, a magnetic flux receiver, which measures the intensity of the magnetic field via at least two pairs of signal poles arranged offset from one another at an angle, is arranged on the stator, wherein an angle value for a position of the rotor in relation to the stator can be derived from the two receiver signals. According to the invention, the stator (104) has distributed over the circumference a large number of teeth (110) which are separated from one another by grooves, and the magnetic flux transmitter comprises at least two primary windings which are arranged in such a way that at least one of the teeth carries no primary windings. [FIG. 2]



No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9665/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSVERSE WEDGE CONNECTOR

(51) International classification	:H01R 4/50
(31) Priority Document No	:12/509,246
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002072
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/011080
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

- 1)GREGORY, OWEN ROSS**
- 2)COPPER, CHARLES DUDLEY**
- 3)FRYE, TERRY EDWARD**
- 4)MARC, ALEXANDRE**
- 5)JOHNSON, BARRY**
- 6)HOXHA, VLADIMIR**

(57) Abstract :

An electrical connector assembly (300) includes a first conductive member (308) and a second conductive member (306). The first conductive member (308) includes a first channel portion (352) extending from a first wedge portion (350), with the first channel portion (352) configured to receive a first conductor (304) therein. The first conductive member (308) includes a jaw (374) movably coupled to the first channel portion (352) and being positioned between the first channel portion (352) and the first wedge portion (350). The second conductive member (306) includes a second channel portion (312) extending from a second wedge portion (310) where the second channel portion (312) configured to receive a second conductor (302). The first wedge portion (350) and the second wedge portion (310) are assembled such that the second wedge portion (310) engages the jaw (374) and moves the jaw (374) to the closed position. The jaw (374) engages the first conductor (304) in the closed position. Optionally, the first channel portion (352) may have a contoured shape.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9667/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DROUGHT TOLERANT PLANTS

(51) International classification	:C12N 15/82
(31) Priority Document No	:09007544.1
(32) Priority Date	:08/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/003745
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/142465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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(57) Abstract :

The present invention relates to the field of transgenic and non-transgenic plants with novel phenotypes. Provided are S1PP2C1 proteins and nucleic acid sequences encoding these, which are useful in conferring novel phenotypes to plants, especially drought tolerance.

No. of Pages : 90 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9669/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED ALL GEAR CROSSED-AXIS DIFFERENTIAL

(51) International classification	:F16H 48/12
(31) Priority Document No	:12/482,185
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037882
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/144519
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KEITH E. GLEASMAN

2)JAMES Y. GLEASMAN

(57) Abstract :

An all-gear differential designed primarily for motor vehicle use, employing a cross-axis arrangement defined by a pair of helical side or S gears rotatable about a common first axis and mountable on respective opposite vehicle axles, and one or more pairs of balance or B gears rotatable about second axes orthogonal to the first axis. The B gears have helical central portions for meshing with the helical S gears, and have spur gear end portions for meshing with each other. The B/S helical gear tooth ratio between each balance gear and its respective side gear greater than 0.60 and preferably is about 0.75, and the B/S helical angle ratio between each balance gear and its respective side gear is less than 43°/47°, more preferably is less than 40°/50° and about 35°/55°, and most preferably is about 27°/63°.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8419/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR NO-BREAK POWER TRANSFER CONVERTER

(51) International classification	:H02J 3/00
(31) Priority Document No	:12/433744
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027074
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/126652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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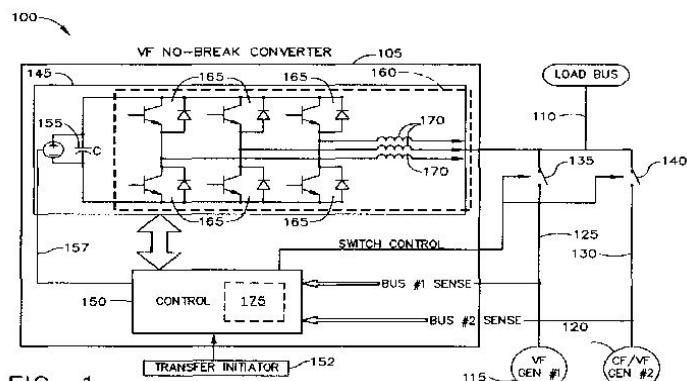
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1)KARIPIDES, DAVID DIMITRI

(57) Abstract :

A method is provided for using a temporary power source to transfer a power bus from a first power source to a second power source. The first power source operates at a first electrical frequency, and the second power source operates at a second electrical frequency that is different from the first electrical frequency. The method includes adjusting the output frequency of the temporary power source to match the first electrical frequency and supplying power to the power bus from the temporary power source. The method also includes disconnecting the first power source from the power bus. The method further includes adjusting the output frequency of the temporary power source to match the second electrical frequency. The method further includes coupling the second power source to the power bus.



No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8421/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR GLUING HEAT-ACTIVATED GLUEABLE SURFACE ELEMENTS

(51) International classification	:C09J 5/06
(31) Priority Document No	:102009046256.2
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065073
Filing Date	:08/10/2010
(87) International Publication No	:WO 2011/051097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GRNAUER, JUDITH

4)ENGELDINGER, HANS KARL

(57) Abstract :

The invention relates to a method for gluing a heat-activated glueable surface element to an adhesive substrate that does not conduct electric current, the surface thereof also having only a low thermal conductivity. To this end, a heat-activated glueable surface element comprising an electrically conductive layer in addition to a heat-activated adhesive mass, said layer being quickly inductively heated for a short time in an alternating magnetic field at a frequency from the middle frequency range. According to the invention, a high pressure of at least 1 MPa is exerted on the gluing surface simultaneously to the inductive heating, whereby preventing thermal decomposition reactions is possible. The invention further relates to a device for performing said method, comprising an induction heater integrated in the press tool.

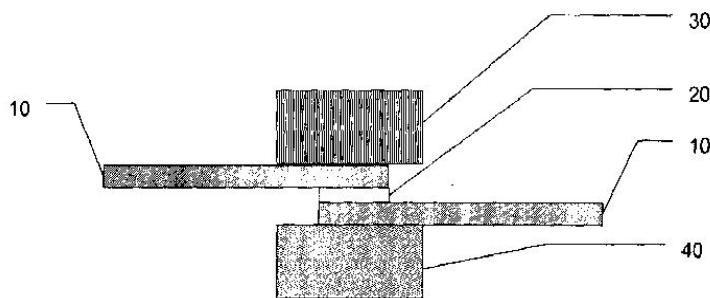


Fig. 1

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9554/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROVIDING SEARCH RESULTS TO A COMPUTING DEVICE

(51) International classification	:H04W 4/02
(31) Priority Document No	:12/483,070
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037649
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/144372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

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2)WOODCOCK, KATRIKA

(57) Abstract :

Systems and methods for providing search results to a mobile computing device are provided herein. One exemplary method includes receiving a search request from the mobile computing device, where the search request includes location data identifying a location of the mobile computing device. If the search request includes an explicit search query, the method includes associating candidate search information derived from the explicit search query with the location identified by the location data of the search request. If the search request includes an explicit search query, the method also includes sending query-based search results to the mobile computing device. If the search request includes an implicit search query, the method includes sending location-based search results to the mobile computing device. The location-based search results are derived from candidate search information associated with the location identified by the location data.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9764/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMMORTALIZED AVIAN CELL LINES AND USE THEREOF

(51) International classification	:A61K 39/275
(31) Priority Document No	:09305422.9
(32) Priority Date	:12/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056497
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130756
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MARINA KAPFER

3)THIERRY MANGUY

(57) Abstract :

The present invention relates to specific immortalized avian cell lines expressing telomerase reverse transcriptase (TERT), and exhibiting distinct biologics production patterns. More particularly, the present invention relates to immortalized avian cell line capable of either amplifying Flaviviridae but not capable of amplifying Vaccinia virus strain Copenhagen(W-COP) nor Modified Vaccinia virus Ankara (MVA), or capable of amplifying both Flaviviridae and Poxviridae. The invention further relates to the use of said immortalized avian cell lines and related methods for producing biologics, including viruses and proteins.

No. of Pages : 54 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9145/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAMERA APPLICATIONS IN A HANDHELD DEVICE

(51) International classification	:G03B 3/00
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069804
Filing Date	:30/12/2009
(87) International Publication No	:WO 2010/147609
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8405/DELNP/2011
Filed on	:31/10/2011

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(72)**Name of Inventor :**

1)FERRON, BRAN

2)NISHIHARA, H., KEITH

(57) Abstract :

The present invention relates to a camera for processing a bar code image, comprising: an optical sensor to sense an optical image as a rectangular array of pixels; a storage element coupled to the optical sensor to store the image as values for the rectangular array of pixels; a processor coupled to the storage element to analyze the stored image; and an optical lens system coupled to the optical sensor having a first position and a second position for at least one optical component in the optical lens system; wherein the first position permits the optical lens system to focus on a distant object and the second position permits the optical lens system to focus on a bar code at a close distance from the camera; wherein said at least one optical component is physically stable in the first and second positions and physically unstable between the first and second positions.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9148/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HAND SANITIZER

(51) International classification	:A61L 2/00
(31) Priority Document No	:0908849.3
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050525
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/133855
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GREEN, BRUCE PHILIP

(57) Abstract :

A hand sanitizer (2) comprises: (a) a first part comprising a chlorite in an alcoholic medium having a first foam promoter dissolved therein and contained in a first foam dispenser (4) whereby it is dispensed as a first foam; and (b) a second part which comprises an acid in an alcoholic medium which has a second foam promoter dissolved therein and which is contained in a second foam dispenser (6) whereby it is dispensed as a second foam; wherein the chlorite and the acid will react to provide chlorine dioxide when the first foam is mixed with the second foam; and wherein a mixture (18) of equal quantities of the first part and the second part contains at least 50% alcohol by weight.

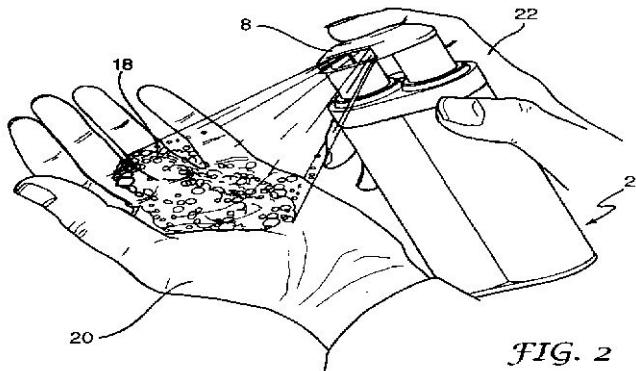


FIG. 2

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9295/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING KNEE ARTHROPLASTY

(51) International classification	:A61F 2/46
(31) Priority Document No	:61/182,435
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036642
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138857
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)JEFFREY A. SHARP

4)KATHERINE S. ANDERSON

5)CHRISTOPHER F. SCIFERT

6)MARK ELLSWORTH NADZADI

7)SCOTT KENNEDY LASTER

(57) Abstract :

Methods and apparatus for performing knee arthroplasty, including, but not limited to, bircuciate retaining knee arthroplasty, are described herein. Methods and apparatus for preparing a distal femur for a femoral implant as well as methods and apparatus for preparing a proximal tibia for a tibial implant are described. These methods and apparatus, in at least some embodiments and uses, facilitate decreasing the complexity of knee arthroplasty procedures such as bircuciate retaining procedures, while maintaining, if not improving on, the safety, accuracy and / or effectiveness of such procedures.

No. of Pages : 156 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9873/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELECTIVE DEHYDROHALOGENATION OF TERTIARY HALOGENATED HYDROCARBONS AND REMOVAL OF TERTIARY HALOGENATED HYDROCARBON IMPURITIES FROM A HALOGENATED HYDROCARBON PRODUCT

(51) International classification	:C07C 1/30	(71)Name of Applicant :
(31) Priority Document No	:61/269,594	1) DOW AGROSCIENCES LLC
(32) Priority Date	:26/06/2009	Address of Applicant :9330 ZIONSVILLE ROAD, BUILDING #308, INDIANAPOLIS, INDIANA 46268-1054, UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/001841	1) MICHAEL LEE TRIPPEER
Filing Date	:24/06/2010	2) TIMOTHY CHARLES FRANK
(87) International Publication No	:WO 2010/151342	3) PATRICK HO SING AU-YEUNG
(61) Patent of Addition to Application Number	:NA	4) JASON LEE BRONKEMA
Filing Date	:NA	5) ROBIN KEITH JOHNSTON
(62) Divisional to Application Number	:NA	6) MUKUND R. PATEL
Filing Date	:NA	7) BRUCE STEPHEN HOLDEN
		8) TERRENCE MCCABE
		9) DANIEL ALAN HICKMAN

(57) Abstract :

A process for converting a tertiary halogenated hydrocarbons in a tertiary halogenated hydrocarbon-containing stream to a corresponding unhalogenated or less-halogenated unsaturated hydrocarbon product with the release of hydrogen halide involves contacting the tertiary halogenated hydrocarbon with a sorbent- type dehydrohalogenation catalyst in a reaction zone and optionally passing a stripping gas through the reaction zone to remove vapor phase reaction products from the reaction zone. A process for removing a tertiary chlorinated hydrocarbon impurity from 1,3-dichloro-1-propene involves contacting a mixture containing the 1,3-dichloro-1-propene and the tertiary chlorinated hydrocarbon impurity with a dehydrochloridation catalyst effective to catalyze a conversion of the tertiary chlorinated hydrocarbon impurity to a corresponding unchlorinated or less- chlorinated unsaturated hydrocarbon and hydrogen chloride and distilling the 1,3- dichloro-1-propene to produce a purified cis-1,3-dichloro-1-propene fraction and a purified trans- 1,3-dichloro-1-propene fraction.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7951/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RADIATION TOLERANT CAMERA

(51) International classification	:H04N 5/225
(31) Priority Document No	:0950199-0
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050349
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/114469
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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VIKEN, SWEDEN

(72)Name of Inventor :

1)NIKLAS BARRINGER

(57) Abstract :

Radiation tolerant camera, comprising a camera module (10) having an electronic image sensor (11). The camera module (10) is arranged in a radiation shielding enclosure (18), said enclosure having an opening (26) for allowing passage of light into the image sensor (11). Furthermore, the camera module (10) is connected to a heat absorbing cooling element (20) dissipating heat from the camera module (10).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7953/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF TREATING NONALCOHOLIC STEATOHEPATITIS WITH ELEVATED DOSES OF URSODEOXYCHOLIC ACID

(51) International classification	:A61K 31/575	(71) Name of Applicant :
(31) Priority Document No	:61/160,955	1)AXCAN PHARMA, INC.
(32) Priority Date	:17/03/2009	Address of Applicant :597 BOULEVARD LAURIER, MONT SAINT-HILLAIRE, QUEBEC J3H 6C4, CANADA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/000551	1)JEAN SPENARD
Filing Date	:16/03/2010	2)Vlad RATZIU
(87) International Publication No	:WO 2010/106420	3)MARC RIVIERE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a method for the treatment of nonalcoholic steatohepatitis (NASH) by administering an elevated dose of ursodeoxycholic acid (UDCA), or a pharmaceutically acceptable salt thereof, to a patient in need of such treatment, wherein the patients demonstrate a significantly improved glycemic profile during treatment.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9533/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ALGAE PRODUCTION AND HARVESTING APPARATUS

(51) International classification	:C12M 1/00
(31) Priority Document No	:12/466,008
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034967
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132812
(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)MASSE, ARTHUR W.P.

Address of Applicant :7371 S.E. JAMESTOWN TERRACE,
HOBE SOUND, FLORIDA 33455, U.S.A.

(72)Name of Inventor :

1)MASSE, ARTHUR W.P.

(57) Abstract :

A photobioreactor module (112) that is adapted for stacking a plurality of such modules for producing algal bioproducts includes at least an upper (128) and a lower (122) light-transmitting member each having a plurality of openings (123), wherein the upper and lower light-transmitting members are spaced apart from one another and at least one of the upper and lower light-transmitting members includes at least one light connection terminal for coupling in light from a light source and transmitting the light laterally. A plurality of photobioreactor conduits (132) each extending from respective openings in the upper and said lower light-transmitting member define algae containment interior spaces, wherein the plurality of photobioreactor conduits contact the upper and a lower light-transmitting members along areas of contact. The light transmitted laterally by the upper and lower light-transmitting members couples into the plurality of photobioreactor conduits along the areas of contact.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9534/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTIMICROBIAL TEXTILES COMPRISING PEROXIDE

(51) International classification	:D06M 11/83
(31) Priority Document No	:61/184,931
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037850
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TOREKI, WILLIAM

2)MIKHAYLOVA, ALBINA

3)LEANDER, SUSAN

4)LIESENFELD, BERND

5)OLDERMAN, GERALD, M.

(57) Abstract :

This invention pertains to method for imparting a durable antimicrobial activity to substrates, particularly textiles. An acetate-free metal and peroxide antimicrobial treatment formulation is prepared by adjusting the pH of a mixture of a metal salt in aqueous hydrogen peroxide to about 7.5. The substrate is treated with the composition and dried to afford the treated substrate with antimicrobial activity. Zinc salts, ions, or complexes are preferred.

No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9893/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL MICROBIOCIDES

(51) International classification	:C07D 333/20
(31) Priority Document No	:09164788.3
(32) Priority Date	:07/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057878
Filing Date	:07/06/2010
(87) International Publication No	:WO 2011/003683
(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)SYNGENTA PARTICIPATIONS AG

Address of Applicant :SCHWARZWALDALLEE 215, 4058
BASEL, SWITZERLAND

(72)Name of Inventor :

1)WALTER HARALD

2)STIERLI DANIEL

(57) Abstract :

Compounds of formula (I) in which the substituents are as defined in claim 1, are suitable for use as microbiocides.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9898/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED FILTER GROUP FOR DIESEL-POWERED INTERNAL COMBUSTION ENGINES WITH A HEATER DEVICE

(51) International classification	:B01D 35/18	(71) Name of Applicant :
(31) Priority Document No	:RE2009A000070	1)UFI FILTERS S.P.A.
(32) Priority Date	:06/07/2009	Address of Applicant :26, VIA EUROPA, I-46047 PORTO MANTOVANO (MANTOVA), ITALY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/059558	1)GIRONDI, GIORGIO
Filing Date	:05/07/2010	
(87) International Publication No	:WO 2011/003862	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved filter group for diesel-powered internal combustion comprising an external casing an internal volume of which is divided into two distinct chambers by a filter wall into which an inlet conduit and an outlet conduit for the fuel open, at least a heater being fitted internally of the casing, which at least a heater is housed inside a protection body and is connected to a control circuit, and at least a temperature sensor, the at least a temperature sensor being located externally of the protection body and being connected to the control circuit managing the heater device on a basis of a temperature registered by the sensor.

No. of Pages : 10 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9545/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USE OF MOLECULES HAVING ASSOCIATIVE GROUPS AS HARDENERS FOR THERMOSETTING RESINS

(51) International classification	:C08K 5/3445	(71) Name of Applicant :
(31) Priority Document No	:0953680	1)ARKEMA FRANCE
(32) Priority Date	:04/06/2009	Address of Applicant :420, RUE D' ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE
(33) Name of priority country	:France	
(86) International Application No	:PCT/FR2010/051095	(72) Name of Inventor :
Filing Date	:04/06/2010	1)BRUNO VAN HEMELRYCK
(87) International Publication No	:WO 2010/139906	2)MANUEL HIDALGO
(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 pertains to the field of thermosetting or thermoset polymers mainly used as materials, coatings, or adhesives. The invention more specifically relates to the use of specific molecules having associative groups including a nitrogen heterocycle as a hardener or co-hardener of thermosetting polymers.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9549/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR HANDLING OBJECTS

(51) International classification	:B65G 47/51
(31) Priority Document No	:102009027462.6
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055946
Filing Date	:03/05/2010
(87) International Publication No	:WO 2011/000603
(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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, Germany

(72)Name of Inventor :

1)KRAUSS, ULRICH

2)HUMPFER, STEFFEN

(57) Abstract :

Described herein is a device (10) for handling objects (1). The device (10) comprises a handling unit (11), which picks up the objects (1) from a supply chamber and transfers the objects (1) to at least one processing station (22, 23) by a transfer unit (15). According to the present subject matter, the handling unit (11) simultaneously picks up a pre-defined number of objects (1) by means of an object carrier (12). The transfer unit (15) comprises multiple carrier elements (17) for the multiple objects (1) being carried each time by the handling unit (11). Sequence of motions of each carrier element (17) on the transfer unit (15) is individually controllable. The handling unit (11), each time, takes out the multiple objects (1) from the respective carrier element (17) again and transfers the objects (1) on to the object carrier (12).

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9901/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING A WIND TURBINE

(51) International classification	:F03D 7/00
(31) Priority Document No	:61/178,692
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000758
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/130057
(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)REDRIVEN POWER INC.

Address of Applicant :24 BATH ROAD, IROQUOIS,
ONTARIO K0E 2K0, CANADA;

(72)Name of Inventor :

1)GRANT, CHRISTOPHER, BERNARD

(57) Abstract :

A method is provided for controlling the rotation speed of a rotor having one or more blades on a wind turbine. The method comprises determining the yaw angle of the wind turbine relative to the wind direction. Then the yaw angle of the wind turbine is changed to increase or decrease the aerodynamic efficiency of the one or more blades, thus, controlling the rotation speed of the one or more blades.

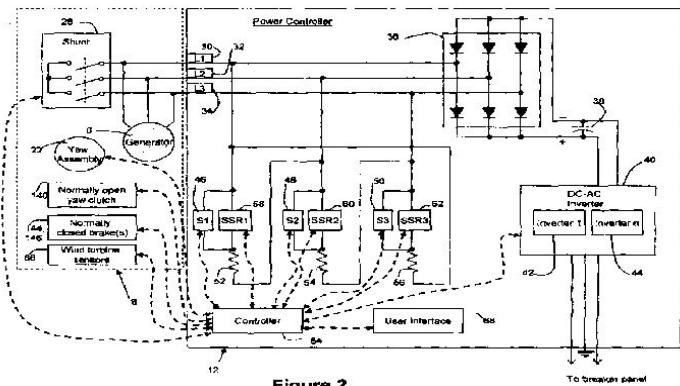


Figure 2

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9903/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MASTER MIXTURE COMPOSITION INCLUDING A PEROXIDE

(51) International classification	:C08J 3/22
(31) Priority Document No	:0953978
(32) Priority Date	:15/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051188
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/146300
(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)ARKEMA FRANCE

Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE;

(72)**Name of Inventor :**

1)LAIGNEL, ANNE-YVONNE

2)CORFIAS-ZUCCALLI, CATHERINE

3)KEROMNES, LAURENT

(57) Abstract :

The invention relates to a transparent master mixture that includes an ethylene copolymer and an ethylene monomer having a polar function (a) and a peroxide (b), characterized in that said composition includes in weight: from 5 to 30 % of (b); from 70 to 95 % of (a); and in that the copolymer (a) includes from 20 to 45 wt % of ethylene monomer having a polar function. The invention also relates to a method for producing a master mixture composition including an organic peroxide. The method makes it possible to produce a composition useful for the cross-linking of polymers.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9904/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTI-EpCAM ANTIBODIES

(51) International classification	:C07K 16/30	(71) Name of Applicant : 1)AFFITECH RESEARCH AS Address of Applicant :OSLO RESEARCH PARK, GAUSTADALLEEN 21, N-0349 OSLO, NORWAY
(31) Priority Document No	:0909904.5	
(32) Priority Date	:09/06/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/0500969	(72) Name of Inventor : 1)CICORTAS GUNNARSSON, LAVINIA DIANA 2)PAUS, DIDRIK 3)KARLSSON, JENNY MARGARETA 4)GRIEP, REMKO ALBERT 5)KIPRIJANOV, SERGEJ MICHAJOVIC
Filing Date	:09/06/2010	
(87) International Publication No	:WO 2010/142990	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are antibodies that bind to Epithelial Cell Adhesion Molecule (Ep CAM) and display certain advantages over known antibodies which bind to Ep CAM, for example, the antibodies of the invention show good affinity, good cross-reactivity profiles and excellent ADCC and CDCC activity. Antibodies comprising specific heavy and light chain CDRs are disclosed. The invention thus relates to these antibodies and all uses thereof, in particular in the treatment of cancer. The present invention thus provides new antibody-based compositions, methods and combined protocols for treating cancer. Advantageous immunoconjugate compositions and methods using the new anti-Ep CAM antibodies are also provided.

No. of Pages : 124 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8636/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVEMENTS TO A LARYNGEAL MASK

(51) International classification	:A61M 16/00
(31) Priority Document No	:2009901521
(32) Priority Date	:08/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000341
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/115232
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :61 WOODSIDE AVENUE,
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2)MEENAKSHI BASKA

(72)Name of Inventor :

1)KANAG BASKA

(57) Abstract :

A device for maintaining an airway in a patient, the device comprising: a mask having a peripheral portion that forms a seal with the larynx when the mask is positioned in the iaryngo pharynx to thereby prevent ingress of extraneous fluids into the larynx; an airway tube connected to or formed with the mask for passing gas to the larynx when the mask is properly inserted into the laryngo pharynx; and deformation means located on the mask, wherein the application of force to the deformation means causes elastic deformation of the device, thereby facilitating insertion of the device into the patient

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8845/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SPRUNG MASS DAMPING CONTROL SYSTEM OF VEHICLE

(51) International classification	:B60G 17/0195
(31) Priority Document No	:2009-116945
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/IB2010/001069 :11/05/2010
(87) International Publication No	:WO 2010/131091
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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3)HASHIMOTO TOSHIYA

4)FUKUSHIRO EIJI

5)AOKI TAKANORI

6)KIMURA AKIHIRO

7)OYAMA SHUNSUKE

8)YAMAMOTO MASAYA

9)ITABASHI KAIJI

10)OIKAWA YOSHITAKA

11)SAITO TAKASHI

(57) Abstract :

A sprung mass damping control system of a vehicle, which aims to suppress sprung mass vibration generated in a vehicle body of a vehicle provided with at least a motor-generator (first and second motor-generators (31, 32)) as a drive source, includes a sprung mass damping control amount calculating device (5) that, sets a sprung mass damping control amount for suppressing the sprung mass vibration, and a drive source control device (a motor-generator control device (6)) that executes sprung mass damping control by controlling a motor-generator control amount of the motor-generator to realize the sprung mass damping control amount. Selected drawings:

No. of Pages : 133 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.9983/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED METHOD AND APPARATUS FOR FROTH FLOTATION IN A VESSEL WITH AGITATION

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NEWCASTLE INNOVATION LIMITED
(32) Priority Date	:NA	Address of Applicant :Industry Development Centre
(33) Name of priority country	:NA	University Drive Callaghan New South Wales 2308 Australia.
(86) International Application No	:PCT/AU2009/000653	Australia
Filing Date	:26/05/2009	(72) Name of Inventor :
(87) International Publication No	: NA	1)Graeme John JAMESON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of separating mixed particles in a flotation cell (1) uses a fluidization zone (22) within the cell where particles are fluidized in a quiescent zone by liquid moving upwardly through the fluidization zone (22). The fluidizing liquid may be provided by the feed (21) or by recycling liquid from upper parts of the cell such as from the disengagement zone (40). Bubbles are introduced into the lower part of the cell through a mechanical impeller (2) which also breaks up any channels in the mixing zone (5) or by separate aeration in the bottom of the cell or by introduction through a recycle pipe.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.9984/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADHESIVE ASSEMBLY AND ASSEMBLY AND REINFORCEMENT METHODS COMPRISING THE USE THEREOF

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:0954204	1)COLD PAD
(32) Priority Date	:19/06/2009	Address of Applicant :6 boulevard Edgar Quinet 75014 Paris France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/051238	1)COURT Jean-Philippe
Filing Date	:18/06/2010	2)GEFFROY Ren-Louis
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an adhesive assembly in particular for assembling a novel element on a structure or further for reinforcing a structure. The adhesive assembly includes a substrate (1) a rigid element (2) placed with an interval relative to the substrate at least one seal (3) compressed between the substrate and the rigid element and defining a sealed space within said interval and a hardened adhesive (13) occupying said space. The seal is compressed by the rigid element that is held on the substrate by the hardened adhesive.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.9985/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MICROTCA DEVICE

(51) International classification	:B23B
(31) Priority Document No	:61/181,891
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036592
Filing Date	:28/05/2010
(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)MICROBLADE LLC

Address of Applicant :567 DOnofrio Drive Suite 180
Madison WI 53719 U.S.A.

(72)Name of Inventor :

1)Michael John FRANCO

2)Richard A. SCHULTE

(57) Abstract :

A MicroTC A shelf or the like has a backplane mounted to a chassis that includes a cover bottom and sidewalls where the backplane is mounted using a backplane holder assembly that can accommodate PCBs of different thicknesses and does not impinge on the backplane datum plane. The backplane holder engages cavities defined by edged flaps and the chassis walls.and ground an inserted module. Cardguides are coupled to the chassis using visually verifiable means. Each cardguide has a plastic support defining AMC module channels and a metal grounding structure using a metal insert encased in the plastic support to rigidize the cardguide and ground inserted modules.

No. of Pages : 71 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8351/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRELESS IDENTIFICATION AND RESEARCH NETWORK FOR SPACE DEVICES

(51) International classification	:H04W 84/18
(31) Priority Document No	:0902730
(32) Priority Date	:05/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055926
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/139513
(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)TALES

Address of Applicant :45, RUE DE VILLIERS, 92200
NEUILLY-SUR-SEINE, FRANCE

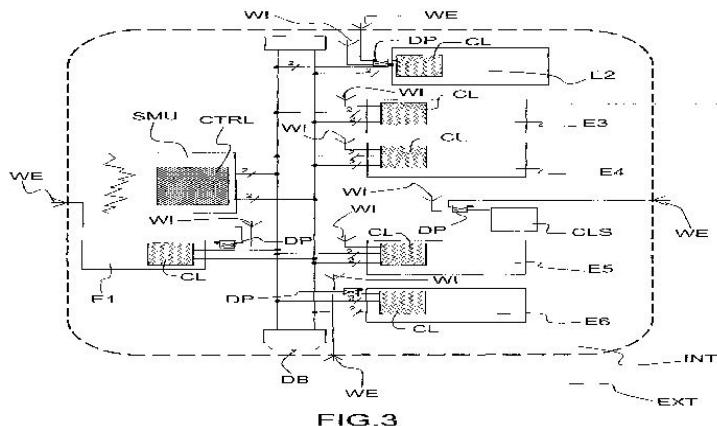
(72)Name of Inventor :

1)PHILIPPE GUYOT

2)CHRISTIAN BAINIER

(57) Abstract :

The object of the invention is to propose a single and robust technical solution to the problem of the observability of equipment items intended to be integrated in satellites. To this end, the subject of the invention is an evanescent wireless network system for space equipment items (E1,E2,E3,E4,E5,E6) integrated, or intended to be integrated, in a satellite (1), and comprising: a set of smart couplers (CL,CLS), integrated or not with said space equipment items, said smart couplers (CL,CLS) including wireless communication means (WI,WE), forming an embedded wireless network, at least one computer (C), which may be a laptop computer, equipped with a wireless communication card, which can be connected to said embedded wireless network, at least one software program installed on said computer (C), enabling access to the embedded wireless network, in order to at least collect information relating to the operation of said space equipment items (E1,E2,E3,E4,E5,E6) in a non-intrusive manner. FIGURE 3



No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9880/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CATIONIC SYNTHETIC POLYMER WITH IMPROVED SOLUBILITY AND PERFORMANCE IN SURFACTANT-BASED SYSTEMS AND USE IN PERSONAL CARE AND HOUSEHOLD APPLICATIONS

(51) International classification	:C11D 3/37
(31) Priority Document No	:61/222,685
(32) Priority Date	:02/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040913
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/003068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)PATRIC BIERGANNS

2)PAQUITA ERAZO-MANEWICZ

3)NABIL NAOULI

(57) Abstract :

The present invention is related to surfactant-based formulations comprising the polyelectrolytes and blends of such polyelectrolytes with non-cellulosic cationic polysaccharide polymers. The surfactant-based formulations exhibit improved clarity of the resulting formulations, their improved conditioning of keratin substrates, textile substrates, and hard-surface substrates, their improved deposition of dispersed phase materials onto keratin substrates, textile substrates, and hard-surface substrates, their improved lather performance, and their improved rheology in applications such as personal care and household care products and textile applications.

No. of Pages : 72 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9886/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PIECEWISE PLANAR RECONSTRUCTION OF THREE-DIMENSIONAL SCENES

(51) International classification	:G06T 19/00
(31) Priority Document No	:12/484,909
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038594
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147929
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SINHA SUDIPTA, NARAYAN

2)STEEDLY, DREW, EDWARD

3)SZELISKI, RICHARD, STEPHEN

(57) Abstract :

Methods, systems, and computer-readable media for reconstruction a three-dimensional scene from a collection of two-dimensional images are provided. A computerized reconstruction system executes computer vision algorithms on the collection of two-dimensional images to identify candidate planes that are used to model visual characteristics of the environment depicted in the two-dimensional images. The computer vision algorithms may minimize an energy function that represents the relationships and similarities among features of the two-dimensional images to assign pixels of the two dimensional images to planes in the three dimensional scene. The three-dimensional scene is navigable and depicts viewpoint transitions between multiple two-dimensional images.

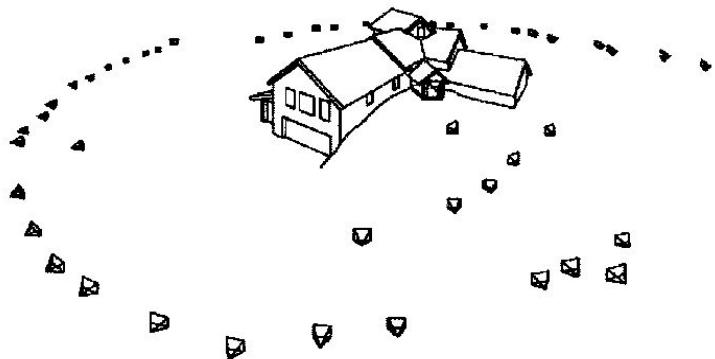


FIG. 3A

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9906/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PITCH COMPOSITION

(51) International classification	:C10G 47/00
(31) Priority Document No	:61/220,287
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038758
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/151462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MCGEHEE, JAMES F.

2)SMYCZYNSKI, RONALD S.

(57) Abstract :

A composition is produced from converting heavy hydrocarbon feed into lighter hydrocarbon products. The heavy hydrocarbon feed is slurried with a particulate solid material to form a heavy hydrocarbon slurry and hydrocracked in a slurry hydrocracking unit to produce vacuum gas oil (VGO) and pitch. A first vacuum column separates VGO from pitch, and a second vacuum column further separates VGO from pitch. As much as 15 wt-% of VGO can be recovered by the second vacuum column and recycled to the slurry hydrocracking unit. A pitch composition is obtained which can be made into particles and transported without sticking together.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9427/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HYDRAULIC SYSTEM AND UNIVERSAL TESTING MACHINE

(51) International classification	:G01N 3/08
(31) Priority Document No	:2009-124171
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052998
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/134369
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)MIYASHITA HIROSHI
3)TASHIRO KAZUYOSHI
4)MURAUCHI KAZUHIRO
5)KAKUTA MITSUO**

(57) Abstract :

There is provided a hydraulic system, including an oil tank storing operating oil, a hydraulic actuator, and a hydraulic pump which draws the operating oil from the oil tank and supplies the operating oil to the hydraulic actuator. The hydraulic system is provided with an operating oil separating means which is located at a midway point of a main tube sending the operating oil from the hydraulic pump to the hydraulic actuator and which separates a part of the operating oil supplied from the hydraulic pump to return the part of the operating oil to the oil tank. A universal testing machine including the hydraulic system is also provided.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7924/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLUBLE HEAVY-CHAIN ONLY ANTIBODIES

(51) International classification	:C07K 16/00
(31) Priority Document No	:0905023.8
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000500
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/109165
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)FRANKLIN GERARDUS GROSVELD

3)RICHARD WILHELM JANSSENS

4)DUBRAVKA DRABEK

5)TAO CHEN

6)ERNIE DE BOER

(57) Abstract :

The present invention provides a high affinity, antigen-specific, soluble heavy chain-only antibody which: lacks hallmark camelid-related amino acid substitutions and has FR2 substitutions which are not found in antibodies which comprise heavy and light chain; shows increased net hydrophobicity within CDR1 and an increased number of charged amino acids present in CDR3; and comprises one or more amino acid substitutions within the framework -pleated sheet leading to increased net hydrophobicity within FRI and an increased number of charged amino acids present in FR3. Also provided are VH domains having the same properties, gene segments for their production, methods for their production, transgenic animals and uses of the antibody of the VH domains in therapy.

No. of Pages : 105 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7925/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NEUTRALIZATION BY FILLER

(51) International classification	:C08J 11/04
(31) Priority Document No	:A 504/2009
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000092
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/111724
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

**1)KLAUS FEICHTINGER
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3)GERHARD WENDELIN**

(57) Abstract :

The invention relates to a method for adjusting the pH value and/or for neutralizing acid and/or basic compounds, in particular degradation or decomposition products, as part of the reprocessing and recycling of in particular thermoplastic materials, in the course of which the polymer particles are permanently moved and heated in a reactor, wherein at least one filler is added for neutralization purposes, specifically in a quantity which corresponds at least to the anticipated acid or alkali load.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8171/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USE OF PROPINEB AS BIRD REPELLENT

(51) International classification	:A01N 47/14
(31) Priority Document No	:09158471.4
(32) Priority Date	:22/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002283
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/121735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PATRICE DUVERT

2)RALF BARFKNECHT

(57) Abstract :

The present invention relates to the novel use of Propineb as bird repellent.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.8310/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSDUCER HAVING ROBUST ELECTRICAL CONNECTION TO PIEZOELECTRIC CRYSTAL

(51) International classification	:H01R 9/05
(31) Priority Document No	:61/168,757
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030857
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120752
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HENRY CHARLES STRAUB, JR.

2)CHARLES WAYNE MELVIN

(57) Abstract :

An embodiment of a piezoelectric assembly for an ultrasonic flow meter comprises a piezoelectric element including a first face and a second face. In addition, the piezoelectric assembly comprises a first electrode engaging the first face. Further, the piezoelectric assembly comprises a second electrode engaging the second face. Still further, the piezoelectric assembly comprises an electrically conductive shim connector attached to the first electrode. Moreover, the piezoelectric assembly comprises a first wire electrically coupled to the shim connector.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8905/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZETIDINYL DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification	:C07D 205/04
(31) Priority Document No	:61/171,649
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032089 :22/04/2010
(87) International Publication No	:WO 2010/124114
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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7)JOHN MABUS

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9)MARK E. MC DONNELL

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11)SUI-PO ZHANG

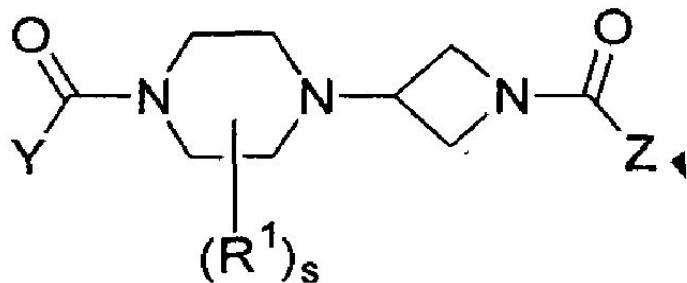
12)YUE-MEI ZHANG

13)BIN-ZHU

14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R₁, and s are defined herein.



Formula (I)

No. of Pages : 474 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9521/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SMALL PARTICLE SIZE OIL IN WATER LUBRICANT FLUID

(51) International classification	:B21B45/02
(31) Priority Document No	:61/176,666
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034229
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/129951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

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2)PIETER SCHELLINGERHOUT

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4)JIANGBO MA

(57) Abstract :

An oil in water lubricant fluid for use in steel cold rolling, comprising an oil in water emulsion having a particle size of 1 μm or less, consisting of an oil phase and water, where the oil phase includes about 5 wt% to about 40wt% of at least one polymeric surfactant, about 25 wt% to about 95wt% base oil, about 0.2wt% to about 10wt% extreme pressure lubrication additives, and about 0.5wt% to about 6wt% other functional additives.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.5789/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VIDEO DISPLAY DEVICE, SHUTTER GLASSES, VIDEO DISPLAY SYSTEM, AND COMMUNICATION METHOD

(51) International classification	:H04N 13/04
(31) Priority Document No	:2009-276948
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070488
Filing Date	:17/11/2010
(87) International Publication No	:WO 2010/068031
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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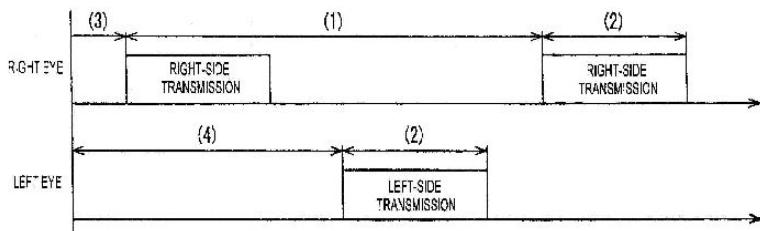
3)TAKAYOSHI YAMASAKI

4)KAZUNORI KIKUCHI

(57) Abstract :

Shutter glasses include: shutters transmitting or blocking video displayed with a specified display interval on a video display device by performing opening/closing operations based on control information; a clock counter 261; a reception portion (KF communication portion 234, reception-side count value latch circuit 262, reception-side count value storage portion 464a, 464b, count value acquiring portion 263, and transmission-side count value storage portion 465a, 465b) acquiring, as a reception time count value, a value of the clock counter for when a transmission time count value based on a value of an internal clock counter of the video display device was received from the video display device; and a control portion (power control unit 443) setting intermittent reception time slots in which the reception portion receives the control information from the video display device, based on the transmission time count value and the reception time count value. Representative Drawing Fig. 7

FIG. 7



No. of Pages : 116 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7876/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CABLE GUIDE

(51) International classification	:H02G 3/04
(31) Priority Document No	:20 2009 005 546.9
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP10/054928
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/119083
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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2)FRANK BLASE

3)RALF STEEGER

(57) Abstract :

The invention relates to a cable guide (10), consisting of links (12), connected to each other in articulated fashion, capable of angling in at least two directions relative to each other, and open on the face end, which are arranged one behind the other in the longitudinal direction of the cable guide and form at least one guide channel (16) by means of their external guide elements, where joints absorbing tensile forces are located between two connected links within the cable guide, and the links (12) each display corresponding connecting elements (18) with two connecting components (20, 22). In this context, the first component (20) of the connecting element (18) is of fork-shaped design with two legs (24, 26) a distance apart from each other, where the second connecting component displays a first seat (32) with a spherical boundary surface, in which a joint element (34), having an opening (36) and a spherical outer boundary surface (35) adapted to the first seat, is mounted in moveable fashion, and the second component with the joint element (34) located in it can be positioned between the two legs of the first component in such a way that the opening (36) in the joint element with a spherical outer boundary surface is aligned with an opening (27, 28) provided in each of the two legs (24, 26), such that a pin (30) can be inserted into the second seat formed by the openings in the two legs of the first component and the opening in the first joint element of the second component, and is mounted in it. (Fig. 2)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9795/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTIMICROBIAL COMPOSITIONS

(51) International classification	:C11D 9/50
(31) Priority Document No	:61/187,041
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038453
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/147868
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HARTZELL, KRISTIN

3)DOBOS, KELLY

4)QUEZADA, CAROL

5)EDMONDS, SARAH

(57) Abstract :

A Method for rapid surface sanitization is provided, where the method includes contacting the surface with an effective amount of an antimicrobial composition comprising at least about 50 wt. % of a C1-6alcohol, based upon the total weight of the antimicrobial composition; and an efficacy-enhancing amount of 1 a C1-10alkane diol.

No. of Pages : 43 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9993/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TUNABLE ELECTRO-OPTIC LIQUID CRYSTAL LENSES AND METHODS FOR FORMING THE LENSES

(51) International classification	:G02B 1/06	(71) Name of Applicant :
(31) Priority Document No	:61/269,110	1)KENT STATE UNIVERSITY
(32) Priority Date	:19/06/2009	Address of Applicant :EAST MAIN AND LINCOIN
(33) Name of priority country	:U.S.A.	STREETS, KENT, OH 44242, U.S.A.
(86) International Application No	:PCT/US2010/001757	(72) Name of Inventor :
Filing Date	:18/06/2010	1)PHILIP BOS
(87) International Publication No	:WO 2010147664	2)DOUGLAS BRYANT
(61) Patent of Addition to Application Number	:NA	3)LEI SHI
Filing Date	:NA	4)BENTLEY WALL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Electro-optic lenses, including liquid crystals, wherein the power of the lenses can be modified by application of an electric field. In one embodiment, the liquid crystal-based lenses include ring electrodes having a resistive bridge located between adjacent electrodes, and in a preferred embodiment, input connections for several electrode rings are spaced on the lens. In a further embodiment, liquid crystal-based lenses are provided that can increase optical power through the use of phase resets, wherein in one embodiment, a lens includes ring electrodes on surfaces of the substrates on opposite sides of the liquid crystal cell such that a fixed phase term can be added to each set of electrodes that allows for phase change across each group of electrodes to be the same and also be matched with respect to a previous group.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8881/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HANDHELD ELECTRONIC DEVICE USING STATUS AWARENESS

		<p>(71)Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA CALIFORNIA 95052, U.S.A.</p> <p>(72)Name of Inventor :</p> <p>1)FEREN, BRAN 2)NACHMAN, LAMA 3)DEL PASQUA, KIERAN 4)MARCH, WENDY 5)NEUMANN, JOHN C. 6)SHAH, RAHUL, C. 7)SHAHABDEEN, JUNAITH AHMED 8)HEALEY, JENNIFER 9)SUBRAMANIAN, SUSHMITA 10)RAFFA, GIUSEPPE 11)ESSAIAN, ALEXANDER 12)HUANG, JONATHAN</p>
(51) International classification	:H04B 1/40	
(31) Priority Document No	:61/187,520	
(32) Priority Date	:16/06/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/037946 :09/06/2010	
(87) International Publication No	:WO 2010/147821	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:8406/DELNP/2011 :31/10/2011	

(57) Abstract :

The present invention relates to an apparatus comprising: a handheld personal wireless communication device having a touchscreen, a processor, a memory, and a radio with a receiver and a transmitter, the device to: analyze a user's status based on status awareness; create a presentation indicating the user's status; and transmit the presentation to an external device.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8882/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-MODE HANDHELD WIRELESS DEVICE

(51) International classification	:H04W 88/02
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069927
Filing Date	:31/12/2009
(87) International Publication No	:WO 2010/147610
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8404/DELNP/2011
Filed on	:31/10/2011

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(72)**Name of Inventor :**

1)FERRER, BRAN

(57) Abstract :

An apparatus, comprising, a handheld electronic device having a touchscreen and a radio for wireless communication, the device to receive a request by a user to perform a first operation, access information not requested by the user and not necessary to perform the first operation and provide at least part of the accessed information to the user in response to the request.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.9986/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COPPER RED FRITS AND PIGMENTS

(51) International classification	:C07C
(31) Priority Document No	:61/218,645
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038743
Filing Date	:16/06/2010
(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)FERRO CORPORATION

Address of Applicant :6060 Parkland Boulevard Mayfield Heights Ohio 44124 U.S.A.

(72)Name of Inventor :

1)AXTELL Enos A. III

2)SAKOSKE George E.

3)SCHULZ Andreas

4)HANICH Juergen

5)HECK Lothar

6)SPEER Dietrich

7)BAUMANN Martin

(57) Abstract :

This invention relates to lead free and cadmium free copper-containing glass frits that can be used as pigments to color other glass frits or to impart color to solid substrates such as glass ceramic or metals or to impart color to a thermoplastic mass. The compositions comprise silica alkali metal oxides alkaline earth metal oxides tin oxide and copper oxide. The resulting compositions can be used to decorate and protect automotive beverage architectural pharmaceutical and other glass substrates generally imparting a red color.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.9987/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SILICONE COMPOSITION FOR PRODUCING TRANSPARENT SILICONE MATERIALS AND OPTICAL DEVICES

(51) International classification	:C07D
(31) Priority Document No	:61/182,128
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025302
Filing Date	:25/02/2010
(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)DOW CORNING CORPORATION

Address of Applicant :2200 West Salzburg Road Midland MI
48686-0994 U.S.A.

(72)**Name of Inventor :**

1)BAHADUR Maneesh

2)NELSON Robert

3)STRONG Michael

(57) Abstract :

A hydrosilylation curable composition contains a combination of high and low viscosity polyorganosiloxanes a silicone resin a crosslinker and a catalyst. The composition and the cured product thereof is useful in optical devices such as charged coupled devices (CCDs) ligh emitting diodes (LEDs) lightguides optical cameras photo-couplers and waveguides. Processes for fabricating the optical devices include various molding techniques including overmolding.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2011

(21) Application No.8810/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : URINARY DEVICE

(51) International classification	:A01J
(31) Priority Document No	:0906536.8
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/002260
Filing Date	:13/04/2010
(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)Aim Straight Limited

Address of Applicant :The Debt South Hill Avenue Harrow HA1 3PA (GB) U.K.

(72)**Name of Inventor :**

1)MICHAEL SHELTON

2)PETER MAXWELL

3)GRAHEME GUNNS

(57) Abstract :

A urinary directional device for improving the directional urination and health of a male user is provided in which the device comprises a conduit for the passage of urine and having a proximal end adapted for engagement with the penis of the user and a distal end having a distal aperture to enable the passage of urine from the conduit the device having an interior surface providing one or more of a cleansing an anti-bacterial or antiseptic or an anti-fungal function whereby the penis of the user can be cleansed by wiping on the interior surface of the device after urination and the device further comprising a health detection indicator capable of indicating abnormalities in urine indicative of disease or health-related conditions.

No. of Pages : 55 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8814/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIMITING PEAK ELECTRICAL POWER DRAWN BY MINING EXCAVATORS

(51) International classification

:E02F 9/20

(31) Priority Document No

:12/466,722

(32) Priority Date

:15/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/047972

Filing Date

:19/06/2009

(87) International Publication No

:WO 2010/132065

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIEMENS INDUSTRY, INC.‘

Address of Applicant :3333 OLD MILTON PARKWAY,
ALPHARETTA, GA 30005-4437, U.S.A.

2)CATERPILLAR GLOBAL MINING LLC

3)SIEMENS AKTIENGESELLSCHAFT

(72)Name of Inventor :

1)JOY MAZUMDAR

2)WALTER KOELLNER

3)ANDREAS HOLWECK

4)MICHAEL G. ONSAGER

5)EKKEHARD PITTIUS

(57) Abstract :

1. A method for limiting electrical power drawn from an electrical power source by at least one mining excavator, each mining excavator comprising at least one electrical motor, the at least one mining excavator comprising a cyclic load drawing electrical power from at least the electrical power source, the method comprising the steps of: charging an electrical energy storage unit with electrical power drawn from the electrical power source; supplying electrical power to the cyclic load from only the electrical power source when the electrical power drawn by the cyclic load is less than or equal to an upper limit; and supplying first electrical power to the cyclic load from the electrical power source and second electrical power to the cyclic load from the electrical energy storage unit when the electrical power drawn by the cyclic load is greater than the upper limit, wherein the first electrical power is less than or equal to the upper limit.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9659/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR THE DIAGNOSIS OF METABOLIC DISORDERS USING EPIMETABOLIC SHIFTERS, MULTIDIMENSIONAL INTRACELLULAR MOLECULES, OR ENVIRONMENTAL INFLUENCERS

(51) International classification	:G01N 33/68
(31) Priority Document No	:61/177,241
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034420
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132479
(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)BERG BIOSYSTEMS LLC

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(72)**Name of Inventor :**

1)NARAIN NIVEN RAJIN

2)MCCOOK JOHN PATRICK

3)SARANGARAJAN RANGAPRASAD

(57) Abstract :

Methods and formulations for diagnosing metabolic disorders in humans using epimetabolic shifters, multidimensional intracellular molecules or environmental influencers are described.

No. of Pages : 263 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6610/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADHESIVE

(51) International classification	:A61L 15/58
(31) Priority Document No	:10 2009 008 867.9
(32) Priority Date	:13/02/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000617
Filing Date	:02/02/2010
(87) International Publication No	:WO 2010/091806
(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)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, Germany

(72)Name of Inventor :

1)CHRISTOS KARAFILIDIS

2)MATTHIAS WINTERMANTEL

3)HEINZ-WERNER LUCAS

(57) Abstract :

The invention relates to the use of special isocyanate-terminated polyurethane prepolymers in adhesive formulations. Said adhesive formulations can be used in applications wherein a direct or indirect contact of the adhesive layer takes place with substrates that are sensitive thereto.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.6611/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM, METHOD AND APPARATUS FOR LOCATING A FEMORAL NECK GUIDE WIRE

(51) International classification	:A61B 17/90
(31) Priority Document No	:61/157,829
(32) Priority Date	:05/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026418
Filing Date	:05/03/2010
(87) International Publication No	:WO 2010/102247
(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)SMITH & NEPHEW, INC.

Address of Applicant :1450 EAST BROOKS ROAD,
MEMPHIS, TN 38116, U.S.A.

(72)Name of Inventor :

1)ALEC PORZEL

2)ROBERT LOWRIE

(57) Abstract :

A pin alignment guide may be placed on an end of a bone for guiding a pin along a central axis of the bone. The bone has a length extending away from the end of the bone. A body may be configured to overlie the end of the bone. The body may have a contact surface configured to contact the bone and a guide surface configured to guide a pin into the bone. A rod portion may be configured to extend along the length of the bone away from the end of the bone. An extension may be configured to attach to the body and extend away from the body, the extension further configured to couple to the rod portion, such that the rod portion may be aligned along the length of the bone thereby positioning the guide surface of the body to guide the pin.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8483/DELNP/2011 A

(43) Publication Date : 27/09/2013

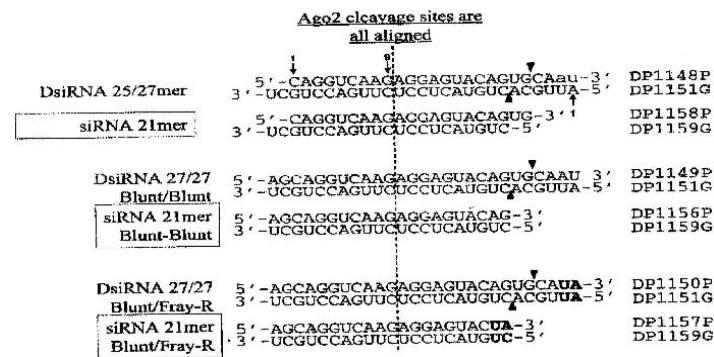
(54) Title of the invention : METHODS AND COMPOSITIONS FOR THE SPECIFIC INHIBITION OF KRAS BY ASYMMETRIC DOUBLE-STRANDED RNA

(51) International classification	:C07H 21/02	(71) Name of Applicant :
(31) Priority Document No	:61/166,578	1)DICERNA PHARMACEUTICA LS, INC.
(32) Priority Date	:03/04/2009	Address of Applicant :480 ARSENAL STREET
(33) Name of priority country	:U.S.A.	WATERTOWN, MA 02742(US). U.S.A.
(86) International Application No	:PCT/US2010/029992	(72) Name of Inventor :
Filing Date	:05/04/2010	1)BROWN, BOB, D.
(87) International Publication No	:WO 2010/115206	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to compounds, compositions, and methods useful for reducing KRAS target RNA and protein levels via use of Dicer substrate siRNA (DsiRNA) agents possessing asymmetric end structures. Fig. 1

Figure 1



No. of Pages : 2089 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8874/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISINFECTION AEROSOL, METHOD OF USE AND MANUFACTURE

(51) International classification	:A61L 9/14
(31) Priority Document No	:2009902310
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000609
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/132948
(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)SABAN VENTURES PTY LIMITED

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(72)Name of Inventor :

1)BERENTSVEIG VLADIMIR

2)WEINBERGER RON

(57) Abstract :

Aerosols comprising droplets dispersed in a carrier gas, wherein at least some of the droplets contain an antagonist effective to inactivate a biocide are provided. The droplets may contain the biocide and the antagonist that reacts with the biocide to render it harmless. The biocide is used for disinfection or sterilization, and the nature and concentration of the antagonist is selected, or means are provided, to ensure that the time required for the antagonist to render the biocide ineffective is longer than the time required for the biocide to be effective for a desired level of disinfection or sterilization. Methods of manufacture of aerosols are also provided.

No. of Pages : 48 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9014/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR TREATMENT AND PURIFICATION OF SEAWATER TO RECOVER HIGH PURITY SODIUM CHLORIDE FOR INDUSTRIAL USAGE

(51) International classification	:C02F 9/08
(31) Priority Document No	:61/179,992
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/035628 :20/05/2010
(87) International Publication No	:WO 2010/135561
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)AQUATECH INTERNATIONAL CORPORATION
Address of Applicant :ONE-FOUR COINS DRIVE,
CANONSBURG, PA 15317, U.S.A.

(72)Name of Inventor :

**1)CHANDRAKANT TIWARI
2)GANESH KAMATKAR
3)GREGORY J. MANDIGO**

(57) Abstract :

Embodiments of the invention enhance the performance of the seawater reverse osmosis systems by incorporating unit processes upstream that reduce the scaling tendencies of seawater. Additional embodiments improve the water balance for the overall system by recovering a substantial fraction of the seawater reverse osmosis brine that otherwise would have been discharged as wastewater, in the form of pure distillate for either blending with the seawater reverse osmosis permeate or direct industrial use. Embodiments may include further processing steps to convert the seawater reverse osmosis brine into a commercially reusable product, minimizing wastewater generation and optimizing the cost benefit aspects of the overall system.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8461/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR INHIBITING PARTICULATE EMISSION DURING FRICTION OF HEAT-TREATED IRON ORE PELLETS AND USE OF AN ALCOHOL BY-PRODUCT TO INHIBIT PARTICULATE EMISSION

(51) International classification	:C22B 1/14
(31) Priority Document No	:PI 0903986-4
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2010/000135
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/121338
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ARAUJO, RODRIGO RIBEIRO DE

2)SILVA, CELSO DE JESUS

3)REIS, ANTONINO ALVES E SILVA

4)STEGMILLER, LEONIDIO

5)JUNIOR, ALDO GAMBERINI

6)JESUS, REINALDO WALMIR DE

7)PINTO, ALEXANDRE SOARES

(57) Abstract :

Description of a process for the inhibition of particulate emission during friction of heat-treated iron ore pellets comprising the following steps: a) removal of heat-treated iron ore pellets at a temperature of 200°C; and b) spraying of an alcohol by-product on pellets. The use of an alcohol by-product as an inhibitor of particulate emission is further described, with the alcohol by-product being sprayed on heat-treated iron ore pellets, which can partially or completely replace water during the handling, stacking, loading, and unloading of materials such as penets, granures, fines, and other products from iron ore and other minerals. This process significantly reduces the emission of particulates in the company's operational area.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8656/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GENERATION APPARATUS

(51) International classification	:F03B 17/06
(31) Priority Document No	:0906111.0
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000724
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/116149
(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)CURRENT 2 CURRENT LIMITED

Address of Applicant :1 PARADISE ROAD, KEMNAY, ABERDEENSHIRE AB51 5NJ (GB) U.K.

(72)Name of Inventor :

1)BARNARD, BRIAN

2)HOYLE, MICHAEL

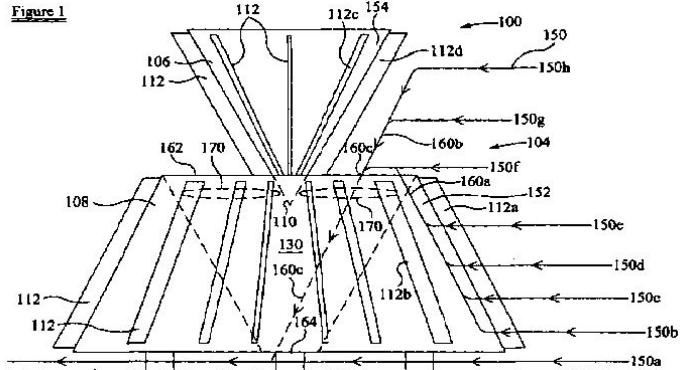
3)GLEDHILL, ANDREW

4)KIRTON, DAVID

(57) Abstract :

A generation apparatus for generating power from subsea currents is described. The generation apparatus comprises a housing, at least one turbine, the/each turbine having an axis of rotation and an inlet, at least one guide vane adapted to guide an incoming flow of fluid towards the/each turbine inlet, the flow of fluid, in use, approaching the apparatus in a direction substantially perpendicular to at least one turbine axis and at least one generator for converting rotation of the/each turbine into power.

Figure 1



No. of Pages : 44 No. of Claims : 101

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9804/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR MANOEUVRING A VEHICLE BY MEANS OF MANOEUVRES WITH AT LEAST ONE TRAJECTORY

(51) International classification	:B62D 15/02
(31) Priority Document No	:10 2009 027 941.5
(32) Priority Date	:22/07/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/057138 :25/05/2010
(87) International Publication No	:WO 2011/009655
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, Germany

(72)Name of Inventor :

1)PAMPUS, CHRISTIAN
2)NIEMZ, VOLKER
3)NA

(57) Abstract :

A device for maneuvering a vehicle (1) through maneuver courses, comprising at least one trajectory (10, 11) along which the vehicle (1) is moved is described. In an embodiment, the maneuver courses include at least one turning clothoid (12), which adjoins the trajectory (10, 11) and which is configured such that a steering movement of the vehicle (1) in a stationary state is avoided.

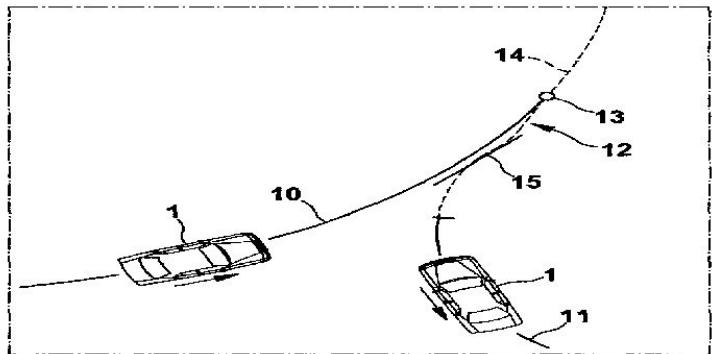


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9812/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR OPTIMIZING THE HANDOVER BEHAVIOUR IN A MOBILE RADIO NETWORK

(51) International classification	:H04W 36/24
(31) Priority Document No	:09163796.7
(32) Priority Date	:25/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056823
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/149435
(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)DEUTSCHE TELEKOM AG

Address of Applicant :FRIEDRICH-EBERT-ALLEE 140,
53113 BONN, Germany

(72)Name of Inventor :

1)BELSCHNER JAKOB

2)ARNOLD PAUL

3)MURUGESAN JHANANI

(57) Abstract :

Method for optimizing the handover behaviour in a mobile radio network. The invention relates to mobile radio networks in which the handover parameters are set in a base station or a superordinate network component (e.g. networks based on the GSM, UMTS, LTE standard). The method is preferably applied in a single base station and will provide for a self-optimization of the handover parameters of said base station. Alternatively, the method according to the invention is applied in a superordinate network component which is connected to a plurality of base stations and sets the handover parameters thereof. Insofar as a superordinate network component is capable of setting separate handover parameters for each of the base stations controlled by it, the method can optimize the handover parameters of each of these base stations individually.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9813/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER ADJUSTING METHOD, INFORMATION RECORDING METHOD AND INFORMATION RECORDING MEDIUM

(51) International classification	:G11B 7/0045	(71) Name of Applicant :
(31) Priority Document No	:2009-158686	1)HITACHI CONSUMER ELECTRONICS CO., LTD.
(32) Priority Date	:03/07/2009	Address of Applicant :2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/053331	1)ETO SOICHIRO
Filing Date	:02/03/2010	2)WATANABE KOICHI
(87) International Publication No	:WO 2011/001708	3)MIYAMOTO HARUKAZU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A write power adjustment method makes it possible to set optimum write power with high precision. Trial writing is conducted by using write power $P_{w,m}$ (where m is an integer) of a plurality of kinds, and a modulation M_m associated with each write power is calculated. Optimum asymptotic power $P_{asy-opt}$ is calculated by performing predetermined computation by using reference asymptotic power $P_{asy-ref}$ and reference write start power P_{ws-ref} which are previously determined for each medium. An evaluated value $S_m = M_m - (P_{w,m} - P_{asy-opt})$ is calculated by using the optimum asymptotic power $P_{asy-opt}$. Write power P_w that makes the evaluated value S equal to zero when applying straight line approximation to a relation between the write power $P_{w,m}$ and the evaluated value S_m is calculated as optimum write start power P_{ws-opt} . And optimum write power P_{w-opt} is found by performing predetermined computation on the optimum write start power P_{ws-opt} .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8411/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING NITROCATECHOL DERIVATIVES AND METHODS OF MAKING THEREOF

(51) International classification	:A61K 9/16	(71) Name of Applicant :
(31) Priority Document No	:61/165,778	1)BIAL-PORTELA & CA., S.A.
(32) Priority Date	:01/04/2009	Address of Applicant :A AV. DA SIDERURGIA NACIONAL, P-4745-457 S. MAMEDE DO CORONADO, PORTUGAL Portugal
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/PT2010/000014	1)VASCONCELOS, TEOFILIO CARDOSO DE
Filing Date	:31/03/2010	2)LIMA, RICARDO, JORGE DOS SANTOS
(87) International Publication No	:WO 2010/114404	3)COSTA, RUI CERDEIRA DE CAMPOS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to compositions and pharmaceutical formulations comprising at least one active pharmaceutical ingredient chosen from nitrocatechol derivatives of formula I as defined herein and salts, esters, hydrates, solvates, and derivatives thereof and methods of making set compositions and pharmaceutical formulations.

No. of Pages : 37 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.8414/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF FUNCTIONAL PFPE DERIVATIVE

(51) International classification	:C08G 65/00
(31) Priority Document No	:709/DEL/2009
(32) Priority Date	:06/04/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/EP2010/054468
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/115855
(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)SOLVAY SOLEXIS S.P.A.

Address of Applicant :VIALE LOMBARDIA, 20, I-20021
BOLLATE (MILANO), ITALY

(72)Name of Inventor :

1)WADGAONKAR, PRAKASH

2)MENON, SHAMAL

3)TONELLI, CLAUDIO A.P.

(57) Abstract :

The invention pertains to a process for the manufacture of a functional (per)fluoropolyether derivative comprising at least one triazole group, said process comprising: 1. reacting a (per)fluoropolyether hydroxyl derivative having at least one hydroxyl group [derivative (PFPE-OH)] with an activating agent, to yield an activated (per)fluoropolyether hydroxyl derivative comprising at least one activated hydroxyl group [derivative (a-PFPE-OH)]; 2. reacting said activated (per)fluoropolyether hydroxyl derivative [derivative (a-PFPE-OH)] with at least one azide salt to yield a functional (per)fluoropolyether derivative comprising at least one azido group [derivative (PFPE-N3)]; 3. reacting said functional (per)fluoropolyether derivative comprising at least one azido group [derivative (PFPE-N3)] with a hydrocarbon compound having a terminal alkyne group to yield a functional (per)fluoropolyether derivative comprising at least one triazole group [derivative (PFPE-azole)].

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9031/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELECTIVE DETECTION OF BORDETELLA SPECIES

(51) International classification

:B61F

(31) Priority Document No

:61/172,382

(32) Priority Date

:24/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/032408

Filing Date

:26/04/2010

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

1)THE GOVERMENT OF THE USA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTRES FOR DISEASE CONTROL AND PREVENTION

Address of Applicant :Technology Transfer Office 4770 Buford Highway MS K79 Atlanta GA 30341 U.S.A.

(72)Name of Inventor :

1)TATTI Kathleen M.

2)SPARKS Kansas

3)TONDELLA Lucia M.

(57) Abstract :

A process for detecting Bordetella spp. nucleic acid in a biological sample includes producing an amplification product(s) by amplifying one or more Bordetella spp. in a multiplex single chamber PCR assay and measuring said amplification product(s) to detect or distinguish Bordetella spp. in the biological sample. Also provided are reagents and methods for detecting and distinguishing Bordetella spp. from each other and other bacteria or viruses. A kit is provided for detecting and quantifying one or more Bordetella spp. in a biological sample.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9036/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARYLY PYRIDINE AS ALDOSTERONE SYNTHASE INHIBITORS

(51) International classification	:C07D 213/76
(31) Priority Document No	:61/178,677
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056572
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130796
(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

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SWITZERLAND

(72)Name of Inventor :

1)CHAMOIN SYLVIE

2)HU QI-YING

3)PAPILLON JULIEN

(57) Abstract :

The present invention provides a compound of Formula (I); a method for manufacturing the compounds of the invention, and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages : 143 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9671/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TERMINATION STRUCTURE FOR SUPERCONDUCTING CABLE

(51) International classification	:H02G 15/22
(31) Priority Document No	:KR:10-2009-0063140
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/002151
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/004955
(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)LS CABLE LTD

Address of Applicant :1026-6, HOGYE-DONG, DONGAN-GU, ANYANG-CITY, GYEONGGI-DO 431-080, REPUBLIC OF KOREA

(72)Name of Inventor :

1)CHOI, CHANG YOUL

2)LEE, SU KIL

3)KIM, CHOON DONG

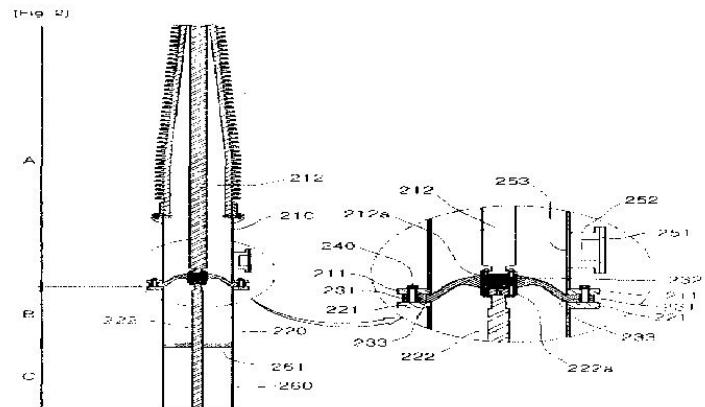
4)JANG, HYUM MAN

5)JANG SEOK HERN

6)SUNG, HEO GYUNG

(57) Abstract :

Disclosed is a separable termination structure for a super conducting cable. A termination structure for a superconductor cable according to an embodiment includes: a first tube including a conductive rod therein to form a room temperature section; and a section tube including a conductive rod therein to form a temperature gradient section, wherein the first and second tubes are joined to be separable from each other. [Fig 2]



No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9765/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTERNATL CABLE FIXATOR

(51) International classification	:A61B 17/82
(31) Priority Document No	:61/186,141
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038148
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/144687
(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)SYNTHES GMBH

Address of Applicant :EIMATTSTRASSE 3, CH-4436
OBERDORF, SWITZERLAND

(72)Name of Inventor :

1)SIMON STUCKI

2)GUIDO HERTIG

(57) Abstract :

A cable fixation device comprises a clamp including a head portion and a body portion along with a lumen extending therethrough. The head portion is removably coupleable with an actuating mechanism. The lumen is sized and shaped to slidably accommodate a cable in combination with a clamping ring including a channel extending therethrough. The channel includes a first portion and a second portion. The first portion is sized and shaped to slidably accommodate the cable therethrough. The second portion is sized and shaped to engage the clamp. A portion of the clamp is movable between a first configuration and a second configuration, the cable slideable therethrough in the first configuration. The portion of the clamp moves radially inward in the second configuration to clamp the cable.

No. of Pages : 74 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9449/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NANO-REINFORCED RADIUS FILLER FOR AN AIRCRAFT STRUCTURE AND A METHOD OF PRODUCING AN AIRCRAFT STRUCTURE COMPRISING SUCH FILLER

(51) International classification	:B29C 70/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050716
Filing Date	:11/06/2009
(87) International Publication No	:WO 2010/144007
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :SE-581 88 LINKOPING, SWEDEN

(72)Name of Inventor :

1)HALLANDER, PER

2)PETERSSON, MIKAEL

3)WEIDMANN, BJORN

4)GRANKALL, TOMMY

5)STRINDBERG, GOTE

6)NORDIN, PONTUS

(57) Abstract :

The present invention relates to a composite radius filler for use in an aircraft structure (2), which comprises structural composite parts (7) assembled together to form the aircraft structure (2). The composite radius filler (3) is arranged between rounded sections (5', 5) of the structural composite parts (7) for filling a gap (4) formed between the structural composite parts (7). The composite radius filler (3) is made structural by a nanostructure (23) arranged within the composite radius filler (3) for the reinforcement of the interface between the radius filler (3) and the structural composite part (7). The invention also relates to a method for producing an aircraft structure comprising said nano-reinforced radius filler.

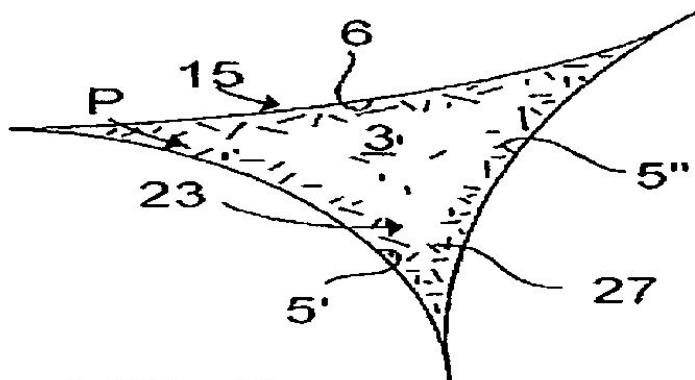


FIG. 6

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9646/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OUTGASSING METHOD FOR INSPECTING A COATED SURFACE

(51) International classification	:G01N 21/954
(31) Priority Document No	:61/177,984
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034582
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/132589
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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AMSTERDAM, NY 12010, U.S.A.

(72)**Name of Inventor :**

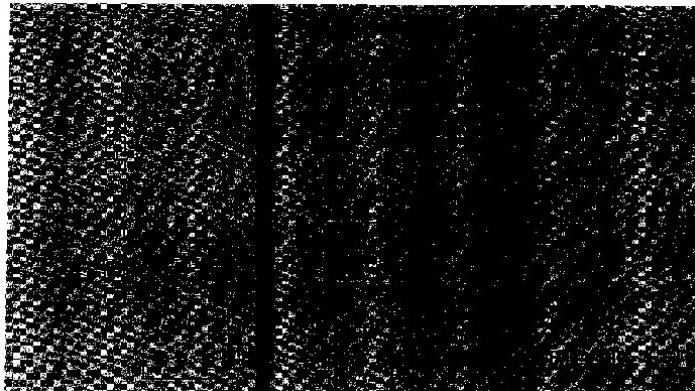
1)FISK, THOMAS E.

2)FERGUSON, JOHN

3)FREEDMAN, JONATHAN, R.

(57) Abstract :

A method for inspecting the product of a coating process is provided. Therein, the release of at least one volatile species from the coated surface into the gas space adjacent to the coated surface is measured and the result is compared with the result for at least one reference object measured under the same test conditions. Thus the presence or absence of the coating, and/or a physical and/or chemical property of the coating can be determined. The method is useful for inspecting any coated articles, e.g. vessels. Its application on the inspection of PECVD coatings made from organosilicon precursors, especially of barrier coatings, is also disclosed.



No. of Pages : 357 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9647/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NUCLEIC ACID MODULATORS OF GLYCOPROTEIN VI

(51) International classification	:C12N 15/115
(31) Priority Document No	:61/183,847
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037319
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141771
(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)REGADO BIOSCIENCES, INC.

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(72)Name of Inventor :

1)LAYZER, JULIANA, M.

2)RUSCONI, CHRISTOPHER, P.

3)BROOKS, DOUGLAS

4)ZELENKOF SK, STEVEN, L.,

(57) Abstract :

The present invention relates, in general, to a pharmacologic system to modulate the biology of platelets based upon a nucleic acid ligand that can interact with and modulate the activity of platelet glycoprotein GPVI to regulate platelet function. These nucleic acid ligands are also actively reversible using a modulator that inhibits the activity of the nucleic acid ligand to neutralize this pharmacologic effect and thereby restore GPVI function, including collagen binding, platelet adhesion, collagen-induced platelet activation, and collagen-induced platelet aggregation. The invention further relates to compositions comprising the nucleic acid ligand, the ligand and a modulator, methods to generate the nucleic acid ligand and its modulator, as well as methods of using these agents and compositions in medical therapeutic and diagnostic procedures.

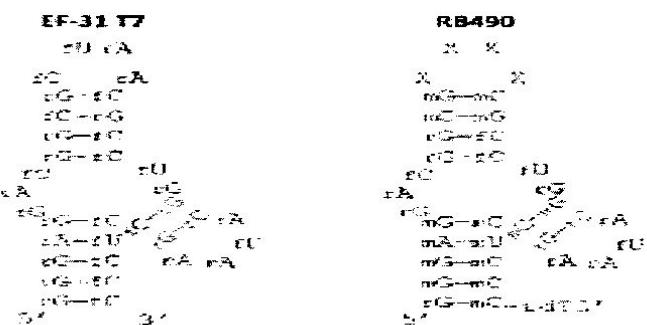


Figure 13A

No. of Pages : 164 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9648/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOTOR CONTROL MODULE

(51) International classification	:H02K 7/02
(31) Priority Document No	:61/181,779
(32) Priority Date	:28/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036573
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138815
(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)GRACO MINNESOTA INC.

Address of Applicant :88 11TH AVENUE NE
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(72)Name of Inventor :

**1)BRUDEVOLD, MARK J.
2)STEIN, NICHOLAS J.
3)PHILEN, PETER E.
4)WEINBERGER, MARK T.**

(57) Abstract :

A control module 10 for an electric motor 34 is provided. Such motors 34, including DC brushless motors, are commonly used in many types of equipment including plural component proportioning equipment. The design includes four boards: a power conditioning module 12, a top board 14, a middle board 16 and a bottom board 18.

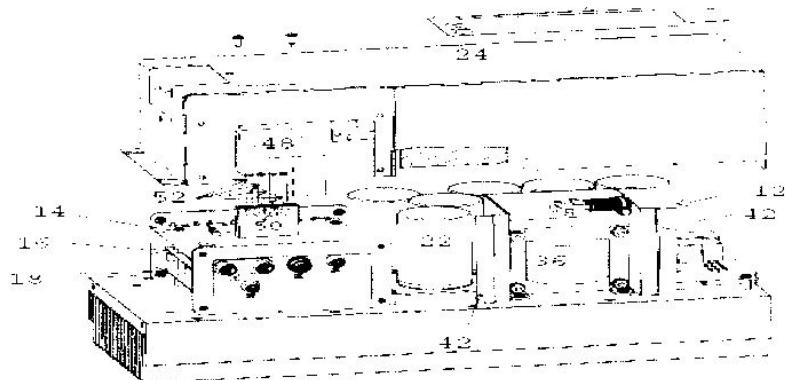


FIG. 3

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/10/2011

(21) Application No.8385/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUORESCENT CELLULAR MARKERS

(51) International classification	:C07D
(31) Priority Document No	:12/416,174
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036437
Filing Date	:27/05/2010
(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)Beatriz ZAYAS

Address of Applicant :28 Limoncillo St. Ext. Santa Maria
San Juan 00927 UNITED STATES OF AMERICA

2)Osvaldo COX

(72)Name of Inventor :

1)Beatriz ZAYAS

2)Osvaldo COX

(57) Abstract :

A synthesis procedure for benzazolo[3 2-a]quinolinium chloride salts and the inclusion of amino-substituent and nitro-substituent resulting in four compounds such as NBQ-38(7-Ethyl-3-nitrobenzimidazolo[3 2-a]quinolinium Chloride) NBQ-95(2-Chloro-10-methyl-3-nitrobenzothiazolo[3 2-a] quinolinium chloride) ABQ-38 (3-amino-7-ethylbenzimidazo[3 2-a]quinolinium chloride) and ABQ-95(3-amino-2-chloro-10-methylbenzothiazolo[3 2-a]quinolinium chloride) wherein said procedures provides an increment in the compounds biological activity. The compounds are further used for intra cellular binding cytotoxicity on malignant cells through apoptosis activation mediated by mitochondrial damage and caspases 3 and 7 activation cellular organelles binding and damage and a marker due to the auto-fluorescent properties.

No. of Pages : 52 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9021/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTRACULAR LENS CARTRIDGE

(51) International classification	:A61F 2/16
(31) Priority Document No	:0908870.9
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000976
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/133825
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1-2 SACKVILLE ROAD TRADING
ESTATE,HOVE, SUSSEX BN3 7AN, UNITED KINGDOM

(72)Name of Inventor :

1)DAVIES, NATHANIEL

2)VECCHI, DARIO

(57) Abstract :

A cartridge (120; 220) for storing and implanting an intraocular lens (IOL) (50) comprises a first part (122) and a second part (124) that are movable relative to one another from a storage configuration, in which interior surfaces of the first and second portions define a storage chamber (140) for storing the IOL in an unfolded state, to an implanting configuration, in which the interior surfaces of the first and second portions together define a smooth-bored implanting chamber (140') for retaining the IOL in a folded state. According to a first aspect, the first and second portions (122, 124) are hinged together, whereas according to a second aspect, the first and second portions (222, 224) are slidably interconnected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.236/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPUTERIZED AUTOMATION SYSTEM FOR MAN LESS SUGAR CANE TOKEN OFFICES AND WEIGH BRIDGES OF SUGAR FACTORIES.

(51) International classification	:G06F17/00	(71) Name of Applicant : 1)JADHAV DASHARATH DHONDIKA Address of Applicant :F10, MIDC ISLAMPUR, DIST-SANGLI, PIN-415 409, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)JADHAV DASHARATH DHONDIKA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present embodiment is computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories, comprising of -a) comprehensive plantation record; b) comprehensive harvest and transport orders and no field slips for cane harvested and transported hence no slip boys; c) bar code system for the sugar cane transporting vehicles; d) computer in sugar cane token office without computer operator but with bar code/smart card reader, connected to the server with the computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories; e) computer in the office of weigh bridge meant for weighing sugar cane loaded vehicles, without computer operator but with bar code/smart card reader, connected to the server with the computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories; f) computer in the office of weigh bridge meant for weighing sugar cane unloaded vehicles, without computer operator but with bar code/smart card reader and printer, connected to the server with the computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories; g) appropriate computer software system for computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories, to get the desired results. The comprehensive plantation record is created on line by the field staff i.e. the agriculture assistants who are equipped with laptops with internet. On maturity of the sugar cane crop, harvest and transport orders are generated in the on line system by the agriculture assistants on the field or by the centralized office for the purpose and hand written harvest and transport order cards are handed over to the transporters. All vehicles including bullock carts are bar coded. The computers in the token offices and the weigh bridge offices are with bar code readers and/or smart card readers which are operated by the vehicle drivers themselves. These computers do not need computer operators and are connected to the server with the computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories. Token number is generated automatically, gross weight is accepted automatically, empty vehicle weight is accepted automatically and thereby sugar cane receipt note is generated in the system and printing of the sugar cane receipt note is also done automatically on the printer provided for the purpose and the driver after collecting sugar cane receipt note exits. The present embodiment is a cost effective, more efficient and effective computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2012

(21) Application No.271/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A CONTINUOUS GREEN PROCESS FOR THE PREPARATION OF ALKYL-(AMINOPHENYL)-CARBAMATE OF FORMULA-I.

(51) International classification	:C07C 275/00	(71) Name of Applicant : 1)ARCH PHARMLABS LIMITED Address of Applicant :ARCH HOUSE, 541-A, MAROL-MAROSHI ROAD, MUMBAI, 400059, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)SAXENA SUDHANSU 2)RANBHAN KAMLESH JAYANTILAL 3)MANDAL ARUN KANTI 4)SARJEKAR PUSHPALATA BALKRISHNA 5)SEHGAL, CHARANJIT
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The subject invention relates to a continuous green process for the preparation of alkyl-(aminophenyl)-carbamate of formula-I comprising contacting substrate diaminobenzene (also known as phenylenediamine) of formula-II with substrate alkyl haloformate of formula-III in water as a green reaction medium without using a base; dialkyl-phenylenedicarbamate of formula-IV is obtained as a major by-product along with monocarbamate of formula-I. In the subject invention by-product is continuously processed to recover phenylenediamine which is continuously reused for the preparation of alkyl-(aminophenyl)-carbamate of formula-I.

No. of Pages : 41 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.242/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONVEYING FRYING MACHINE

(51) International classification	:B65G43/08	(71) Name of Applicant : 1)CHUAN YANG FOODS MACHINE CO., LTD. Address of Applicant :NO. 669, ANZHAO RD., YANCHAO DISTRICT, KAOHSIUNG CITY, R.O.C. Taiwan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MU-LIN HSIEH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A conveying frying machine (30) includes a conveying and frying device (40) and a heat exchange device (50) installed at a lower end of the conveying and frying device (40). An exhaust chamber (54) is formed between the conveying and frying device (40) and the heat exchange device (50). The exhaust chamber (54) passes through the bottom of a shallow oil tank (41) of the conveying and frying device (40) to save the disposing space, and a burner (53) installed on a side of the heat exchange device (50) for heating the exhaust of combustion in the heating chamber (51). The exhaust is passed through a first exhaust end (541) of the exhaust chamber (54) and then discharged from a second exhaust end (542) of the exhaust chamber (54) for performing a secondary heating of the oil inside the shallow oil tank (41), so as to stabilize the quality of the deep fried food, ensure the heating of the shallow oil tank (41), and save energy.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2012

(21) Application No.266/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WORKFLOW MANAGEMENT SYSTEM AND A METHOD THEREOF-SIMPLIFY

(51) International classification	:G06F 21/00	(71) Name of Applicant : 1)RELIANCE INFRASTRUCTURE LTD. Address of Applicant :DEVIDAS LANE, BORIVALI (WEST), MUMBAI- 400 092 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates generally to a method and system for project management and more particularly to a method and system for workflow management with enhanced security for construction projects. It comprises an application module on a web server connected to a processing unit providing a plurality of fields; a project management tool for preparing the project plan; said project module defining a plurality of database fields; said project management tool integrated with said application module; a web based system integrated to said application module; said web server storing all data of workflow management. The present system provides a more transparent and efficient system that minimize time delay to a great extent.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2012

(21) Application No.296/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOUND ANGLE WORK PIECE HOLDING DEVICE

(51) International classification	:B25B1/24	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a compound angle vice comprising a base block provided with a fixed jaw at one end and a back support plate on other end, a guide mounted on base block in between fixed jaw and back support plate, a slide member slidably mounted on guide, wherein said slide member is provided with a groove on its upper surface, an opposing movable jaw mounted on slide member using a spigot, wherein spigot is mounted inside groove of slide member to facilitate horizontal angular movement to movable jaw, an adjustable jaw plate is connected to movable jaw using plurality of dwell pins and a locking plate, wherein adjustable jaw plate assembled with movable jaw facilitates vertical angular movement to movable jaw and a lead screw engaged with movable jaw through openings provided in sliding member and back support plate to move the movable jaw.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.767/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SPREADER LUG

(51) International classification	:C12Q1/68	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANURAG GUPTA
Filing Date	:NA	2)JAYENDRA S. GANGAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a coupling member for electric wire with a electrical device. The coupling member having a spreader, and a lug. The spreader is secured to input/output terminal the electrical device. The lug is extending from the spreader. The lug enables to secure electric wire therein. The spreader and the lug are integrated, which enables to reduce energy loses, reduces weight and provides ease for installation and maintenance.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2012

(21) Application No.282/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL METHOD FOR STABILIZATION OF POLYSACCHARIDE PROTEIN CONSTRUCTS

(51) International classification	:A61K 39/385	(71) Name of Applicant : 1)SERUM INSTITUTE OF INDIA LTD. Address of Applicant :212/2, OFF SOLI POONAWALLA ROAD, HADAPSAR, PUNE 411 028 MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KAPRE SUBHASH VINAYAK
(87) International Publication No	:N/A	2)PISAL SAMBHAI SHANKAR
(61) Patent of Addition to Application Number	:NA	3)JAIN SHITAL SHANTILAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides methods for stabilizing polysaccharide protein conjugates, particularly pneumococcal polysaccharide-protein bulk conjugates.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2012

(21) Application No.301/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SECURITY OF COGNITIVE RADIO USING SMART RADIO CHANNEL CHANGE PROTOCOL

(51) International classification	:H04W 16/00	(71) Name of Applicant : 1)Seema Hemantkumar Rajput Address of Applicant :C-301 Nancy Lake Homes Opposite Bharati Vidyapeeth Katraj Pune-46. Maharashtra India 2)Dr.Vijay M.Wadhai
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)Seema Hemantkumar Rajput 2)Dr.Vijay M.Wadhai
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Although a lot of progress has been made on various fronts for the cognitive radio security still remains a prime issue. The cognitive radio paradigm introduces entirely new classes of security threats and challenges and providing strong security may prove to be the most difficult aspect of making cognitive radio a long-term commercially-viable concept. In our project we firstly allocate frequencies to the primary and the secondary user. Next we create an attacker who possesses a parameter which will be easily distinguishable from the primary and secondary user. When a primary user requests the channel that is being used by the secondary user the secondary user immediately switches over to another channel and hands over the current channel to the primary user.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.240/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : KINEMATIC FOR AUXILIARY CONTACTS,SUCH AS TRIP CONTACT, ON/OFF CONTACT, TRIP AND ON/OFF CONTACT WITH SELECTOR, AND AUXILIARY CONTACTS USING SUCH KINEMATIC

(51) International classification	:F16K31/44	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)CONTARDI AUGUSTO 2)CONTARDI ANDREA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an auxiliary contact device configured for a plurality of operating conditions (on/off, trip and TAC) of an electrical device. The device comprises an insulating casing which contains fixed contacts and corresponding moving contacts, connection terminals, and a kinematic mechanism. The kinematic mechanism comprises, means for actuating the moving contact; means for indicating the plurality of operating conditions; and means for selecting a selected operating condition of the device.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2012

(21) Application No.292/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MAIN STAND STOPPER FOR TWO-WHEELER

(51) International classification	:B62J 1/04	(71) Name of Applicant : 1)MAHINDRA 2-WHEELERS LIMITED Address of Applicant :D1 BLOCK, PLOT NO. 18/2(PART), MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHAIKH ABDUL MAAJID
(87) International Publication No	:N/A	2)V. YOGARAJA
(61) Patent of Addition to Application Number	:NA	3)GUPTA YOGESH KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A damping arrangement mounted on a support stand for a two-wheeler vehicle is disclosed in accordance with an embodiment of the present disclosure. The damping arrangement includes a bracket, a mounting bolt, a bearing element and a rolling element. The bracket is disposed on the stand. The mounting bolt is secured to the bracket. The bearing element is supported over the mounting bolt. The rolling element is rotatably mounted on the bearing element. The rolling element rotates about the mounting bolt and is subjected to rolling friction when any component of the two-wheeler vehicle strikes the rolling element of the damper.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2012

(21) Application No.272/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SYSTEM FOR DERIVING DESIRED CLOCK FREQUENCY FROM GIVEN REFERENCE CLOCK FREQUENCY SOURCE, TO DEVELOP A SUBSYSTEM FUNCTIONAL MODEL IN DIGITAL ELECTRONICS APPLICATIONS AND A METHOD THEREOF

(51) International classification	:H04L 25/02	(71) Name of Applicant : 1)AMOL BHARAT RANADIVE Address of Applicant :3B2/11, NIRMAL PARK PADMAVATI, CHAVAN NAGAR, PUNE 411043, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)AMOL BHARAT RANADIVE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The said invention is used for obtaining a hardware-model where an input free running square waveform function of a known frequency is divided by a factor of an integer and/or a fraction to obtain square like function signal with a frequency that is close to a desired one. The method makes use of an algorithm of exhaustive computations in order to combine/cascading predetermined digital circuits as building blocks to form a model of a digital circuit that divides the input clock frequency and gives the output with frequency close to desired. The resulted outcome is a circuit description that is automatically modeled using hardware description language like VHDL/Verilog by the said system and thus it helps in reducing the development time substantially by achieving increased accuracy for developing applications in digital electronics.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.786/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DIGITAL SIGNAL DEMODULATION

(51) International classification

:H04L

27/233

(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) Abstract :

The present subject matter discloses a system and a method for demodulating a digital signal in communication devices. In one embodiment, a constellation diagram having a predetermined number of axes sets and one or more constellation points corresponding to one or more equalized symbols is generated. Additionally, a quantization region corresponding to each of the axes sets is determined. A first axis of an axes set with respect to a second axis of the axes set is folded to obtain a folded region having a sub-quantization region corresponding to the quantization region associated with the axes set. Further, a soft bit corresponding to a constellation point selected from among the one or more constellation points is ascertained based at least on the folded region includes and the sub-quantization region.

No. of Pages : 33 No. of Claims : 13

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai 400021 Maharashtra India

(72)Name of Inventor :

1)NARAYANASWAMY Thanga Raj

2)PALANI Kulandaivel

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/01/2012

(21) Application No.104/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 'A PROTECTIVE DEVICE AND ITS ENHANCED VERSION CONTAINING PROPERLY SHIELDED UV SOURCE AND SPECIAL FILTERS FOR CLEARING AIR FROM MICROORGANISMS AND GASES HARMFUL FOR LIFE.'

(51) International classification	:C12M1/24	(71) Name of Applicant : 1)DHANANJAY PRABHAKAR MEHENDALE Address of Applicant :4/3A, BALKRISHNA AN INDIAN NATIONAL RESIDENCY, RAMBAUG COLONY, SADASHIV PETH, PUNE 411030, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	2)DHANANJAY RAGHVENDRA PATHAK
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA	1)DHANANJAY PRABHAKAR MEHENDALE, 2)DHANANJAY RAGHVENDRA PATHAK
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention comprises of new kind of device to provide clean and fresh air from a new kind of mask called UV mask for individual citizens, doctors, and other hospital staff, to protect from air borne pandemic and other air borne diseases by passing of the air through radiation of sufficient intensity and suitable frequency emitted by LEDs fixed on a panel enclosed in a housing which is properly shielded to prevent UV radiation to flow out and do any harm to the user in the path of air to be inhaled and exhaled using this mask so that these rays will do the desirable germicidal action on the microorganisms in the air passing over them and will not do undesirable action of impinging on the body parts of the individuals and other individuals in the surrounding. This housing will act as a protective shield to protect the individuals using this mask and the individuals in the surrounding from the undesirable radiation from the panel of light emitting diodes (or other devices which are suitably powered and emitting suitable frequencies with suitable intensities) emitting sufficiently intense light of suitable frequencies. Essentially we propose that the UV LEDs and similar other devices, should be emitting various different frequencies in the combination and proportion found useful and suitable to disintegrate the infection in the air, are to be used to build the panel. UV mask further employs suitable special filters to ensure safety from hazardous gases that may be present in the air. The enhanced version of this UV mask called UV cover to be fixed at the inlet of air in front of blower blowing the air inside the closed or semi-closed area to supply fresh air for the group of people assembled together is similar kind of device to be used for ensuring clean (free from infections) and fresh (free from hazardous gas pollutions) air for large assembly of people gathered together.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/01/2012

(21) Application No.215/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COUPLING SYSTEM FOR ELECTRICAL COMPONENTS

(51) International classification	:H01R 4/48	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CONTARDI ANDREA
(87) International Publication No	:N/A	2)PIANEZZOLA SERGIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a coupling mechanism for coupling plurality of electrical components. The component includes at least one arm, a hook and an aligning pin. The arm is rotatably disposed on the electrical component. The hook is configured on a distal end portion of the arm. Further, the hook enables to detachably secure the electrical component with other electrical component and the rotatable arrangement of the arm enables to secure an electrical component on either. Moreover, the aligning pin is disposed throughout the sides of the electrical component through a hole configured thereon. The aligning pin enables to align the other electrical component with the electrical component enabling precise coupling therebetween.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.235/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPUTERIZED AUTOMATION SYSTEM FOR SUGAR SALE BY SUGAR FACTORIES.

(51) International classification	:G06Q 40/00	(71) Name of Applicant : 1)JADHAV DASHARATH DHONDIKA Address of Applicant :F10, MIDC ISLAMPUR, DIST-SANGLI, PIN-415 409, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)JADHAV DASHARATH DHONDIKA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present embodiment is computerized automation system for sugar sale by sugar factories, comprising of -a) comprehensive master records of the sugar trades; b) Comprehensive and adequate portal on the sugar factory's on line system for interaction between sugar factory and the sugar traders.c) Sugar safe tenders online comparative and sugar sale tenders online ledger, d) Transaction Bar Code system generating bar code to be fixed on the lorry, e) Computer in the office of the weigh bridge meant for weighing empty and sugar loaded vehicles, with bar code reader but without computer operator duly connected to the online computer server: f) Computer in the office of the sugar godown keeper with bar code reader and printer but without computer operator duly connected to the online computer server: g) appropriate computer software system for computerized automation system for sugar sale by sugar factories, to get the desired results. The comprehensive master record of the sugar traders is created on the on line system. One portal is provided for interaction between the sugar factory and the sugar traders through internet. Through this portal the interested sugar traders get registered with the sugar factory for doing sugar trading. Through this portal sugar factory communicates to all registered sugar traders regarding sugar sale tenders-date, time, quantity, grade etc. In response to the communication from the sugar factory the registered sugar traders will fill the sugar sale tender forms through the portal. These filled sugar sale tender forms data is automatically converted into comparative on line statement ready for the approval by the management. This comparative statement is viewable to the sugar sale committee only. The approval is granted to the tendered quantity subject to the quantity to be sold or sugar is sold through open rate system. The approved sugar tenders are posted to the sugar sale tender ledger automatically. This sugar sale tender ledger is viewable by all concerned including sugar traders - limited to his account. This sugar sale tender ledger gives all relevant details. The sugar trader communicates to the sugar factory regarding payment details, dispatch instructions truck number etc through the portal or by letter with the lorry driver. The finance accountant verifies the payment received either by RTGS system or by Demand Draft and he makes entry of the payment received along with other details. This entry goes into the financial accounts as well as into the sugar sale tender ledger. At this time as soon as the entry is complete bar code for this transaction -delivery - is generated and printed on the printer provided on the table of the finance accountant. The bar code generated and printed is fixed on the lorry at appropriate place. After fixing the bar code on the lorry it is taken on the weigh bridge provided with computer along with bar code reader (but without computer operator) and is weighed. Thereafter the lorry is sent to godown with loading instruction chit for loading sugar bags. After loading sugar bags into the lorry, it is taken again on the same weigh bridge for weighing. If weight of the sugar loaded is correct-it does not exceed given parameter, sugar sale invoice (in 3 parts) is printed automatically on the printer provided on the table of the sugar-godown keeper. The sugar - godown keeper signs the sugar sale invoices and retains one copy as office copy. The lorry driver takes sugar sale invoice -original + 1 copy and take the lorry to exit gate and here security enters just lorry number on the computer provided there and computer screen shows all the bill details as well as exit serial number which is entered in the bill along with security stamp and allows the lorry to exit after appropriate checking. The present embodiment is a cost effective, more efficient and effective computerized automation system for man less sugar cane token offices and weigh-bridges of sugar factories.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.574/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DRYING DRUG-COATED MEDICAL DEVICES

(51) International classification	:A61L 31/10	(71) Name of Applicant : 1)SAHAJANAND MEDICAL TECHNOLOGIES PVT. LTD. Address of Applicant :Sahajanand Estate Vakharia Wadi Nr. Dabholi Char Rasta Ved Road Surat Gujarat 395004 INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)GAYWALA Rahul Mahendrakumar 2)RAVAL Ankur Jaykumar
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (100) for drying drug-coated on medical devices (202) is described herein. In an embodiment, the apparatus (100) includes a vacuum pump (102) for generating a negative pressure and a plurality of containers (114), each for holding a drug-coated medical device (202) to be dried. Each of the plurality of containers (114) is connected to the vacuum pump (102) through a conduit (110). The apparatus (100) further includes a plurality of valves, one valve being provided in each conduit (110) to regulate a connection between a container (114) from among the plurality of containers (114) connected to the vacuum pump (102) through the conduit (110). Additionally, the apparatus (100) includes a processing unit (106) and a feedback mechanism coupled to the processing unit (106) for regulating drying operation in the plurality of containers (114).

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2012

(21) Application No.63/MUM/2012 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:C07C 217/62	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMAN Jayaraman Venkat
(87) International Publication No	: NA	2)PATEL Samir
(61) Patent of Addition to Application Number	:NA	3)PAREKH Viral
Filing Date	:NA	4)RAVAL Prashant
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to an improved process for the preparation of Tolterodine and pharmaceutically acceptable salts thereof. The present invention particularly relates to a process for the preparation of Tolterodine and pharmaceutically acceptable salts thereof which involves use and preparation of R (+) benzyl tolterodine.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/01/2012

(21) Application No.213/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : KINEMATIC FOR ELECTRICAL DEVICE SUCH AS RESIDUAL CURRENT CIRCUIT BREAKER (RCCB) WITH TWO INDICATOR FLAG AND RESIDUAL CURRENT CIRCUIT BREAKER(RCCB) WITH EXTERNAL REMOTE CONTROL

(51) International classification	:H02H3/33	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)CONTARDI AUGUSTO 2)ROSSI DAVIDE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention discloses a residual current circuit breaker device having a single flag indicator lever adapted to be operated by an engagement means. The flag indicator lever functions to indicate a tripped condition of the residual current circuit breaker device wherein a signal flag indicator assists in indication of an open position and a closed position of a mobile contact arm and a fixed contact arm of the residual circuit breaker device. The present invention also discloses an improved remote control mechanism having a coil comprising of an additional control coil connected to a contact adapted to facilitate improved safety to the residual current circuit breaker device.

No. of Pages : 19 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2012

(21) Application No.298/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTOMATED DICTIONARY CREATION FOR SCIENTIFIC TERMS

(51) International classification	:G06T 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for automated creation of a dictionary of scientific terms are described herein. Initially, input data is filtered to obtain a primary file having a plurality of term-ID pairs with each term-ID pair having a unique term ID and a scientific term. Further, a remove-term file is generated based on one or more term-ID pairs identified from the primary file such that the scientific terms of each term-ID pair corresponds to one of additional terms, frequent scientific terms, and undesirable terms. At least one term-ID pair from among the one or more term-ID pairs is altered to obtain a modified term-ID pair based on modification rules. The modified term-ID pair is added to an add-term file and a modified file is obtained based on the remove-term file and the add-term file. Duplicate term-ID pairs present in the modified file are removed to obtain the dictionary of scientific terms.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/01/2012

(21) Application No.214/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHORT-CIRCUIT FAULT INDICATOR DEVICE.

(51) International classification	:G01R31/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAl-400001, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)CONTARDI AUGUSTO 2)PIANEZZOLA SERGIO
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A short-circuit fault indicator mechanism adapted for indicating a normal operating condition, a short-circuit condition and an OFF condition of a circuit breaker is disclosed. The short-circuit indicator mechanism comprises a slider, a solenoid, and a rotating arm. The slider is having a first end connecting to a first hook. The slider is having a second end connecting to a solenoid. The slider is slidably movable between a first position and a second position responsive to a plurality of operating conditions of the circuit breaker. The rotating arm is having a second hook that engages and/or disengages with the first hook in the first and second position of the slider respectively. The rotating arm is having an indication flag that indicates the plurality of operating conditions of the circuit breaker.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2012

(21) Application No.261/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REFLECTING CUM INSULATING MATERIAL FOR THERMAL SHEILDING IN THE BUILT ENVIRONMENT

(51) International classification	:E04B 1/62	(71) Name of Applicant : 1)VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY Address of Applicant :SOUTH AMBAZARI ROAD, NAGPUR-440010, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DR. RAHUL V RALEGAONKAR 2)DR. SACHIN A MANDAVGANE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention describes a roofing system made of overlapping layers that can be used independently or on an existing roof structure to prevent excess heating of the buildings, especially in summer season. The layers provide substantial thermal insulation thereby restricting to some extent the energy crisis caused in hot summers due to overuse of air conditioners and air coolers. The invention also provides a process for constructing said light weight roofing system providing weather integrity, durability and minimal field labour intensity.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.230/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EDUCATIONAL KIT FOR TRAINING AND DEVELOPING EMBEDDED AND VLSI SYSTEMS.

(51) International classification	:G06F 17/00	(71) Name of Applicant : 1)MR. CHITTARANJAN PRAMOD MAHAJAN Address of Applicant :FLAT NO. 301, KRUSHNA GALAXY, S.NO. 3212, NEAR SIDDHI LAWNS, NARHE, PUNE PIN CODE 411041 Maharashtra India 2)MRS. RAJSHRI CHITTARANJAN MAHAJAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. CHITTARANJAN PRAMOD MAHAJAN
(87) International Publication No	:N/A	2)MRS. RAJSHRI CHITTARANJAN MAHAJAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An educational kit for training users or learner about embedded and VLSI systems that includes a container with at least one planar board. The planar board further comprising a first board that is a storage area and a second board that is a work area; and a plurality of predefined electronic units, wherein for each predefined electronic unit at least one permanent magnet temporarily couple electronic unit on the planar board, and a manual to facilitate a plurality of permutation and combination for the electronic units. The kit advantageously allows fast prototyping of electronic embedded / VLSI systems to learners as well as advanced users in the field. The kit is expandable by adding desired units. Kit of present invention is very easy to assemble and dissemble.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2012

(21) Application No.299/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PERFORMANCE AND CAPACITY ANALYSIS OF COMPUTING SYSTEMS

(51) International classification	:G06F 11/34	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai 400021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to systems and methods for assessing performance and capacity of computing systems. In one implementation, the method comprises identifying at least one gap in a plurality of benchmark data sets of the computing systems; ascertaining at least one of a maximum ratio, a minimum ratio, and an average ratio of values present in the plurality of benchmark data sets; and generating at least one value to fill the at least one gap based in part on the ascertaining. The method further comprises defining a normalized benchmark data sheet based in part on the generating; and determining a performance and capacity score (P/C score), indicative of performance and capacity of the computing systems, based in part on the normalized benchmark data sheet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/01/2012

(21) Application No.203/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROTECTION MECHANISM FOR A REMOVABLE PART OF SWITCHGEAR AND CONTROL-GEAR ASSEMBLIES.

(51) International classification	:H01H3/30, H01H71/50, H01H83/10	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHARAT N. MISTRY
(33) Name of priority country	:NA	2)ROHIDAS H. LASTE
(86) International Application No Filing Date	:NA	3)SUMIT R. GADRE
(87) International Publication No	:N/A	4)PRAVEEN KUMAR S
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides protection mechanism for a removable part of switchgear and control-gear assemblies, the mechanism comprises a cam adapted on a shaft; a blocking bracket rotating about a pivot point, a cable connecting the cam with the blocking bracket wherein depending upon condition of the protection device the cable is pulled by the cam for rotating the blocking bracket about the pivot point to block an opening for preventing a handle from being inserted in the opening.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/01/2012

(21) Application No.103/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRICITY GENERATION BY USING GRAVITY - [ASHA]

(51) International classification	:F03G7/10	(71) Name of Applicant : 1)SHEIKH SAKET SAMIR Address of Applicant :192 L.I.G. 2/6 NANDANVAN COLONY NAGPUR - 440009, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Gravity is present everywhere on our planet. In this invention, we are using gravity as the main source of generating electricity. As gravity is always present on earth thus the efficiency of generating power from this device increases. Various other sources are also available but they have some drawbacks as well, like solar equipments can not run or generate power when sun is not there, equipments or devices which use wind for power generation stop working when wind is not blowing. Gravity can be another revolutionary non-conventional source of generating power which has never been used before. This device or machine is designed in such a way that it can generate power by using the gravitational force. It also uses some other mechanical components like flywheel, generator or alternator. Flywheel is generally used in machines since it acts like a reservoir which stores energy when the supply of energy is more than the requirement and releases it during the period when the requirement of energy is more than supply. It controls the speed variation caused by fluctuation of energy. But in this case the flywheel is not getting its energy from any machine but from the gravitational force. In this project the flywheel, with the help of gravity, acts as the main supply of energy. The name of this invention is Electricity generation by using gravity - [ASHA]. I am dedicating this to my mother whose name is Asha. It means hope and she is an inspiration for me.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/01/2012

(21) Application No.221/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROLLED RELEASE COMPOSITIONS OF OXCARBAZEPINE

(51) International classification	:A61K 31/55	(71) Name of Applicant : 1)Vergo Pharma Research Laboratories Pvt. Ltd. Address of Applicant :Vergo Pharma Research Laboratories Pvt. Ltd. Plot No. B5 B22 B23 B23A phase-1 A Verna Industrial Estate Salcette Goa India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATUL V PATIL
(87) International Publication No	: NA	2)SUBRATA KUNDU
(61) Patent of Addition to Application Number	:NA	3)HENRY WALTER
Filing Date	:NA	4)Nitin Borkar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Controlled release compositions of oxcarbazepine are disclosed using non cellulose excipients as a rate controlling agents and sucrose as a binder with methacrylic acid copolymer and sodium lauryl sulfate as release promoting agents wherin enhancement in the dissolution is achieved by keeping drug and release promoting agents in intimate contact with oxcarbazepine

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/01/2012

(21) Application No.254/MUM/2012 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:C07C 213/00, C07C 215/28	(71) Name of Applicant : 1)GLENMARK GENERICS LIMITED Address of Applicant :GLENMARK HOUSE, HDO-CORPORATE BLDG,WING-A,B.D.SAWANT MARG, CHAKALA, ANDHERI(EAST), MUMBAI-400 099 MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MILIND GHARPURE
(33) Name of priority country	:NA	2)KRISHNA NARAWADE
(86) International Application No	:NA	3)PREM CHAND
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparation of fingolimod, a compound of Formula I or a pharmaceutically acceptable salt thereof, free of regioisomeric impurity compound of Formula IA

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2012

(21) Application No.61/MUM/2012 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:A61K 31/401	(71) Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMAN Jayaraman Venkat
(87) International Publication No	: NA	2)PILLAI Bijukumar Gopinathan
(61) Patent of Addition to Application Number	:NA	3)KEVAT jitendra
Filing Date	:NA	4)DUBADIA Bhagwati
(62) Divisional to Application Number	:NA	5)JADAV Kalpesh
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to the novel process for the preparation of Vildagliptin. Further the present invention relates to novel purification process for the Vildagliptin comprises acid base treatment to crude Vildagliptin.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2012

(21) Application No.263/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SWIFT GUTTER LOCK / FLOOD ARRESTOR.

(51) International classification	:B60R 9/00	(71) Name of Applicant : 1)MR. GILANI MURAD EBRAHIM Address of Applicant :PRESSWELD ENGINEERS OFFICE NO.8, NEW LABOUR CAMP, SASMIRA MARG, WORLI, MUMBAI-400 030, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)MR. GILANI MURAD EBRAHIM
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

During monsoon all the roads gets flooded, because rain water is unable to drain through the manhole gaps, remains open throughout the year & hence gets clogged due to all the garbage falling in gutter through the gaps of manhole of gutter. Swift gutter lock is designed & manufactured specially to avoid the flooding of roads. This equipments will keep the open passage of manholes of gutter close for a period of 8 to 10 months, when there is no rain & can open hydraulically during rainy season only so that all the rain water will flow smoothly in gutter & flooding of roads can be eliminated. In order to prevent such inconvenience to public, spread of disease etc, the 'swift locking system' which can keep the semi-open manhole covers closed for specific periods, can be a boon since it is an easy to operate and install device attached / affixed to the main cover by way of rod and pins.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.1038/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HARDWARE BASED PROACTIVE MONITORING SYSTEM

(51) International classification	:H04L
(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)Alcatel Lucent

Address of Applicant :3 avenue Octave Greard 75007 Paris
France

(72)Name of Inventor :

1)Gopal Surya

2)Sreekanth Natarajan

3)Aravindan Jagannathan

(57) Abstract :

The embodiments disclosed herein relate to a method and system for proactive fault detection and alarm triggering in a large scale broadband access network. The system is capable of performing various types of tests such as loop back monitoring continuity checks loss measurement tests delay measurement tests an so on. The system has a network fault detection engine which comprises dedicated blocks for performing each test. The system maintains a MEP table which stores parameters specific to each MEP (Maintenance End Points) associated with each port. The system obtains MEP Id for each MEP from the table and sends test packets to the MEP. Based on the transmission time and reception time the system updates Tx and Rx time stamps for each MEP. The Tx and Rx time stamps and number of packets transmitted and received are considered to detect any fault associated with any connection.

No. of Pages : 50 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.1086/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REAL TIME COLLABORATIVE TOOL WITH INTEGRATION OF GEOGRAPHICAL INFORMATION SYSTEM, GLOBAL POSITIONING SYSTEM ON DATA DISTRIBUTED SERVICES ENABLED NETWORK

(51) International classification	:H04L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)M/S BHARAT ELECTRONICS LIMITED

Address of Applicant :NAGAVARA, OUTER RING ROAD
BANGALORE-560 045 Karnataka India

(72)**Name of Inventor :**

1)SHIVAKUMAR MURUGESH

2)KALPANA ARUNACHALA VADIVOO

3)ASHISH KUMAR

(57) Abstract :

A collaboration tool which takes care of the distributed and heterogeneous nature of the systems which joins the discussion is very much necessary in order to carry out the discussion successfully. This also requires a tool which is real-time and can work on networks with low bandwidth. In many collaborative teams such as military, the discussion is based on digital geographical maps, to carrying out the tasks. In Geographical Information System, large amount of spatial data is involved which needs to be transferred during collaboration. Transferring such large data over a network can be sometimes not effective due to various reasons like network bandwidth, latency, connectivity, load on server etc. Currently the collaborative systems are on client-server based or web-based. These are centralized and are prone to single point of failure. The concurrency and data dependency also a huge factor as some systems allows only one user at a time to access the data. To overcome all the demerits existing in the present collaborative systems, a collaborative tool integrating Geographical Information System (GIS), Global Positioning System (GPS), and Data Distribution System (DDS) is presented for better and efficient collaboration, planning and discussion. Specifically the present invention is about sharing and interchanging information of positions obtained through GPS on a GIS map and planning conveyed as drawings on a GIS map; using DDS as a backbone for communication over a standard TCP/IP network infrastructure. The present invention also provides a mechanism for transferring only the commands rather than the entire map thus simplifying on the data on transit thus enabling the application to work on even a much lesser channel bandwidth. The present invention further provides a mechanism of asynchronous connections wherein collaborative clients can join the session late or they can restart the session in case of any failure and can get all the updates using QoS parameters of DDS.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.1087/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TWO CHANNEL TRANSCEIVER BIPOLAR ASIC

(51) International classification	:H03K	(71) Name of Applicant : 1)BHARAT ELECTRONICS LIMITED Address of Applicant :NAGAVARA, OUTER RING ROAD, BANGALORE-560045 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)RAMESH NADAMUNI RAGHAVAN 2)ASHAKIRAN PARAMESHWAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a monolithic Transceiver ASIC containing two channels of 101 and 102 transceiver pairs, in a single package and provides full compliance with MIL-STD-1553B requirements. Each channel of the dual transceiver is separate from the other and fully independent. Each transmit channel has a separate power lines, a feature that enables to operate from different power supply to drive different data bus. Each transmit channel is provided with bootstrapping scheme for a booster voltage and output drivers 101d and 101e can drive a load up to 900mA at 5V supply and has protection circuit against load shorts . Each receiver channel can accept as low as 170mVpp differential inputs to produce a standard output and has a noise thresh hold level of 120mvpp. The Transmit channel inputs and Receiver outputs are TTL compatible. This invention is the result of a culmination of a trigger from the Vikram Sarabhai Space Centre, Trivandrum, an Indian Space Organization, especially for a specific Transmitter and Receiver combination function in a monolithic platform for MIL-STD-1553B applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1055/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REAR SUSPENSION SYSTEM FOR TWO AND THREE WHEELED VEHICLES

(51) International classification	:F16F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. CHANDAN CHAVAN BANSILAL
(87) International Publication No	: NA	2)MR. VENKATA MANGARAJU
(61) Patent of Addition to Application Number	:NA	3)MR. RENGARAJAN BABU
Filing Date	:NA	4)MR. RAGHAVAN VENKATESAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a rear suspension system for two and three wheeled vehicles by use of a single side adaptive shock absorber 51 and a passive shock absorber on the other side 52 which enables keeping the cost and power requirement to the minimum and also simplifies the packaging and calibration requirements. The loading becomes asymmetric due to one side different shock absorber 51 unlike the conventional vehicles and the effect of which is compensated by strengthening different parts of entire load transfer path. This is achieved by stiffening the structural parts of the vehicle like frame 11 and swing arm 16 such that the twisting or moment acting on the structure due to asymmetric loading is eliminated or minimized so as to behave almost like a conventional symmetrical system and optimum comfort is delivered to the rider.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1056/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTO LEVELING OF SUSPENSION FOR TWO AND THREE WHEELED VEHICLES

(51) International classification	:B60G	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. CHANDAN CHAVAN BANSILAL
(87) International Publication No	: NA	2)MR. VENKATA MANGARAJU
(61) Patent of Addition to Application Number	:NA	3)MR. RENGARAJAN BABU
Filing Date	:NA	4)MR. RAGHAVAN VENKATESAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes an improved rear suspension system for the two and three wheeled vehicles, using combination of an auto leveling shock absorber unit 12 along with an active / semi-active shock absorber unit 11, consisting of a design and embodiment of the shock absorber wherein a hydraulic chamber 102 with a piston 103 stores the kinetic energy in the form of potential energy thereby lifts the sprung mass and restores the height. It has a co-axial spring 104 for the spring function and generates limited damping and frictional resistance compared to the damping resistance produced by other shock absorber unit 11. The auto-leveling shock absorber unit 12 used in conjunctions with an active / semi-active / passive shock absorber unit 11 improves the ride comfort of the vehicle by restoring the available compression stroke for the suspension unit irrespective of the payload condition of the vehicle.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1057/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMMON STRUCTURE FOR REAR SUSPENSION SYSTEM

(51) International classification	:B60G	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. CHANDAN CHAVAN BANSILAL
(87) International Publication No	: NA	2)MR. VENKATA MANGARAJU
(61) Patent of Addition to Application Number	:NA	3)MR. RENGARAJAN BABU
Filing Date	:NA	4)MR. RAGHAVAN VENKATESAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes a common structure for rear suspension system, which can be used for both conventional rear suspension system having same shock absorber on both sides of the vehicle and a rear suspension having adaptive shock absorber 11 on one side and passive shock absorber 12 on other side of the vehicle. In case, where the rear suspension is provided with combination of active and passive shock absorber unit 11, 12, asymmetric load is created, which is compensated by adding stiffening members 31, 32 on the frame and swing arm. Therefore a standardize common base structure is provided wherein frame and swing arm are provided with stiffener plates 31, 32 and which can be used for rear suspension having similar type of shock absorber units on both sides and with combination of an adaptive and a passive shock absorber units 11,12.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1108/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TUBE LESS TYRES BY USING PLASTIC BITS SUPPORTED BY SPRINGS INSTEAD OF TUBE

(51) International classification	:B29C	(71) Name of Applicant : 1)C. BALAJI KRISHNA KUMAR Address of Applicant :NO.5/2, MARUTHI FLATS, KAMAKODI NAGAR, TAMBARAM SANITORIUM, CHENNAI - 600 047 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)C. BALAJI KRISHNA KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The tyre is supported by plastic sets supported by springs which replace the tube. This is durable and cost effective. This has springs that are at the same or higher pressure as that of the tube. The pressure of the spring is 25 -30 psi for front wheel and 30 - 40 psi for rear wheels. There are many springs along the circumference of the rim each seat into the plastic mould. The springs compresses as the wheel passes over speed breakers to avoid shock due to impact. This type of design can be used in any wheel to replace tube for better performance without a flat or puncture and for all types vehicles, such as motor cycles, cars, commercial vehicles and buses. This advantageous because there is no flat or puncture caused and even resistant to nail or thorns. This save rubber trees by replacing tubes which cut rubber trees for production and this types can be made from any grade of plastics or even recycled plastics so it is low priced.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1053/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN ANTI-ROLL DEVICE IN A VEHICLE

(51) International classification

:B65H

(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)ROBERT BOSCH ENGINEERING AND BUSINESS
SOLUTIONS LIMITED**
Address of Applicant :123, INDUSTRIAL LAYOUT,
HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

**1)HASILKAR ANIL NAGENDRA
2)HARI HARAN**

(57) Abstract :

An anti-roll device in a vehicle to prevent unintended movement of a vehicle in the direction of inclination of a surface on which the vehicle is stationary and a method thereof is shown. The anti-roll device comprises at least one wedge enclosed within the body of said vehicle, a controlling means adapted to operate said at least one wedge such that said wedge is in contact with a surface beneath at least one wheel of said vehicle and prevent undesired movement of said vehicle in a direction of inclination of said surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1054/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EQUI PHASE CROSS OVER FOR CRISS CROSSING LINES

(51) International classification	:H01Q
(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)M/S BHARAT ELECTRONICS LIMITED

Address of Applicant :NAGAV ARA, OUTER RING ROAD,
BANGALORE - 560 045 Karnataka India

(72)Name of Inventor :

1)DURAIRAJ PACKIARAJ

2)MANGIPUDI RAMESH

3)AJIT TAVANAPPA KALGHATGI

(57) Abstract :

This invention relates to the design of a crossover useful for carrying criss-crossing signals. Signal crossovers are used in wide variety of applications like microwave mixers, microwave in phase and quadrature phase modulators and multi-beam antenna systems employing beam forming matrices. The proposed crossover is a printed circuit board. This printed circuit board consists of two copper layers and an insulating material called substrate sandwiched between them. Among these two copper layers, one layer is used for signal while the other layer is used for ground which is usually a return path. This arrangement is widely known as microstrip medium. This present crossover is designed in the above mentioned microstrip medium.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1105/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTOMATIC SEA FISH JUICE EXTRACTOR

(51) International classification	:A01K	(71) Name of Applicant : 1)K.S.R. COLLEGE OF ENGINEERING Address of Applicant :K.S.R. KALVI NAGAR, TIRUCHENGODE - 637 215 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)K.S.R. COLLEGE OF ENGINEERING
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to Automatic sea fish juice extracting device used for the purpose of extracting juice from the boiled or steamed fish. This juice extracted from the Sea fish is chemically treated and used in the manufacture of a wide range of products including medicines, food products etc. During rainy season the breeding of fish is high and thus fishermen catch a huge amount of fish. Fishermen market the fish and die remaining fish after sales is wasted as it cannot be dried since the air contains high moisture. Hence to avoid the wastage of this fresh fish and use this as a valuable source, this invention relates to the extraction of fish juice from all types of fresh sea fish after cleaning and steaming it.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2009

(21) Application No.3020/CHE/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS EQUIPMENT FOR REFRIGERATIONS TO REPLACE COMPRESSOR IN INDUSTRIAL
REFRIGERATION PLANTS

(51) International classification	:F25B	(71) Name of Applicant : 1)AMBATTI VENKATESWARA RAO Address of Applicant :OPP. RAMALAYAM, UNGUTUR - 521 312, UNGUTUR MANDAL, KRISHNA DISTRICT Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)AMBATTI VENKATESWARA RAO
(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 :

Refrigeration is a process of removing heat at low temperature level and rejecting it relatively at a higher temperature level. It requires external energy to make heat flow from low temperature level to high temperature level. Currently Ammonia compressor is being used to circulate the low temperature refrigerant vapour to high temperature level for carrying the heat from evaporator to condenser. This Ammonia compressor is consuming huge amount of power for carrying this refrigeration process in the existing ice plants, cold storages and dairy plants and contributing to the production costs upto 70% alone to the total production costs in the plants. The invention purpose is to save power and operational expenses of the Ammonia compressor in the existing plants by replacing Ammonia compressor with this invention. This invention of process equipment will use heat energy for itsTMs operation and saves entire power consumed by Ammonia compressor. This invention does not have any moving parts in its operation and saves operational and maintenance costs of the Ammonia compressor. This invention also improves production upto 30% from the same existing plant run by Ammonia compressor because, Ejector pump will work at low pressures more efficiently than Ammonia compressor. By changing the circulation of refrigerant vapour method in the existing plants from mechanical pumping method by Ammonia compressor to ejector pumping system based on jet vacuum principle, we can save huge amount of power and production costs upto 70% in the existing refrigeration plants.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1007/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HAIR GROWTH COMPOSITION USING MYRRHANONE A

(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)CAVINKARE PVT. LTD.

Address of Applicant :CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI- 600 018 Tamil Nadu India

(72)**Name of Inventor :**

1)ANNAMALAI, MR. TIRUGANASMBANDHAM

2)RAO, DR. GOTTUMUKKALA VENKATESWARA

3)MADHAVI, DR. MACHAVOLU SOUBHAGYA

LAKSHMI

4)MUKHOPADHYAY, DR. TRIPTIKUMAR

(57) Abstract :

Hair growth promoting/ stimulating/ enhancing agent /formulation comprising Myrrhanone A or its derivatives and cosmetic and dermatopharmaceutical compositions obtained thereof in association with a cosmetically and/ or dermatopharmaceutically acceptable vehicle with or without other hair/ skin care benefiting agents.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1045/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ASSESSING USABILITY OF A WEBSITE

		<p>(71)Name of Applicant : 1)INFOSYS LIMITED Address of Applicant :IP CELL, PLOT NO 44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India</p> <p>(72)Name of Inventor : 1)JAI GANESH 2)AJAY KOLHATKAR 3)SHAURABH BHARTI 4)NAVIN KASA 5)SHRIRANG PRAKASH SAHASRABUDHE 6)SHRIDHAR KARANDIKAR 7)NISHTHA SRIVASTAVA 8)VARUN JOSHI 9)VIJAYA BHASKAR PEDDINTI 10)TARUN PRAKASH SHARMA 11)MUKUND RAJ</p>
(51) International classification	:G06F	
(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	

(57) Abstract :

The present invention provides a method and system for assessing usability of a website. The method includes scanning at least a portion of the website to be assessed based on a keyword input by a user, where the keyword specifies a structure of an HTML element. The method further includes validating the scanned results with the set of rules and recommendations corresponding to the usability standard and guideline selected by the user and generating a set of reports. The reports include different statistics of the identified usability failure along with the recommendations to improve the web usability requirements.

No. of Pages : 39 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1046/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTICAST SMART LEAVE TECHNOLOGIES

(51) International classification	:H04L	(71) Name of Applicant : 1)INFOSYS LIMITED Address of Applicant :IP CELL, PLOT NO 44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Smart leave technology for the Internet Group Management Protocol (IGMP) can reduce the amount of network bandwidth consumed by unintended multicast traffic resulting from a lost leave situation. A network device (such as a residential gateway) positioned between a host and an upstream router, upon receipt of unintended multicast traffic, sends a leave message to the router informing the router that the network device is no longer part of the group. The network device drops the uninterested multicast traffic and starts a countdown timer. Upon expiration of the timer, the network device sends another leave command to the router and starts the timer anew. This process repeats as long as unintended multicast traffic is received at the network device. If a host downstream from the network device joins the unintended multicast group, the network device delivers any subsequent packets associated with the multicast group to the host.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.1092/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF DETECTING PHYSICAL POSITION OF DEVICES AUTOMATICALLY ON A COMMUNICATION BUS

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SCHNEIDER ELECTRIC INDUSTRIES SAS

Address of Applicant :35, RUE JOSEPH MONIER, F-92500
RUEIL MALMAISON France

(72)Name of Inventor :

1)PRAJITH PRABHAKARAN

2)PRASAD CHUBACHI

3)THEJAS MYSORE

4)JEAN-PIERRE CONIL

(57) Abstract :

The invention discloses a method of detecting physical position of network devices automatically on a communication bus. The method includes declaring its presence by each network device to its immediate next network device in a predetermined direction on the communication bus via channel 1 and thereby identifying the network device located at position 1, informing its position by the network device at position 1 to all network devices via channel 2, communicating location of the immediate next network device in the predetermined direction as position 2 on the communication bus by the network device at position 1, and repeating such steps till the last network device on the communication bus informs its position to all network devices. The channel 1 is a dedicated physical channel for informing position of the network devices to the immediate next network device in the predetermined direction and the channel 2 is the communication bus connecting all such network devices .

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/02/2009

(21) Application No.663/CHENP/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR ROUTING AND PROCESSING ENUM QUERIES

(51) International classification	:H04M3/00, H04L12/66	(71) Name of Applicant : 1)TEKELEC Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 U.S.A.
(31) Priority Document No	:60/832,084	
(32) Priority Date	:20/07/2006	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2007/016370 :19/07/2007	1)MARSICO Peter J
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The subject matter described herein includes methods, systems, and computer program products for routing ENUM queries to an ENUM database. According to one aspect, the subject matter described herein includes a method for routing ENUM queries to an ENUM database. The method includes receiving an ENUM query including a subscriber identifier. An ENUM database is identified among a plurality of non-identically provisioned ENUM databases based on the subscriber identifier. The ENUM query is routed to the identified ENUM database.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1049/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROPORTIONAL OR RATIO METRIC CONFIGURABLE LINEAR VARIABLE DIFFERENTIAL TRANSFORMER (LVDT) DRIVER CUM SIGNAL DEMODULATOR APPLICATION SPECIFIC INTEGRATED CIRCUIT (ASIC)

(51) International classification	:G01D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA OUTER RING ROAD
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)RAMESH NADAMUNI RAGHAVAN
(61) Patent of Addition to Application Number Filing Date	:NA	2)KIRAN HOOVINALLI
(62) Divisional to Application Number Filing Date	:NA	3)VEENA DASAPPA
		4)

(57) Abstract :

The present invention Proportional or Ratio metric configurable Linear Variable Differential Transformer (LVDT) Driver cum signal Demodulator Application Specific Integrated Circuit (ASIC) is monolithic IC consists of modules of signal generator, driver, signal conditioner, demodulator, filter amplifiers, all integrated on a monolithic silicon substrate to give out proportional or ratio metric outputs from the differential inputs from a LVDT. The IC can be configured to function in the Ratio metric mode or in the proportional mode of operation. The IC provides the necessary primary excitation to the LVDT and process the differential outputs available at the secondary of the LVDT. The differential secondary signals of the LVDT are demodulated and processed to obtain the Proportional and Ratio metric outputs. The outputs of the ASIC gives information on the magnitude of displacement of the object from the null position and also the direction of displacement. This invention also brings out the advantages of the direct conversion method described here to the synchronous demodulation method. The device is fabricated on silicon using 45V Bipolar Process and assembled in a 44pin CQFP package. This invention is the result of a culmination of a trigger from the Vikram Sarabhai Space Centre, Trivandrum, an Indian Space Organization, especially for a specific combinational function mentioned in a monolithic platform for MIL standard applications.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1013/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PARKING BRAKE SYSTEM

(51) International classification

:B62K

(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 :

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India

(72)Name of Inventor :

1)TIRUNELVELI SUBRAMANIAM NELLAINAYAGAM

2)PALANISAMY NANADAKUMAR

(57) Abstract :

A parking brake system for a vehicle is described. The present invention provides a side stand; a brake cam lever for execution of braking action through brake cam; a auxiliary brake cable having inner cable and outer sleeve, connected to the side stand and the brake cam lever; atleast two abutments for abutting the outer sleeve ends of the brake cable; wherein the side stand when applied pulls the auxiliary brake cable inner thereby applying the brake.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1060/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED SUBMERSIBLE MOTOR

(51) International classification	:H02K
(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 :

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Address of Applicant :NEW NO.15, OLD NO.46, ATT
COLONY, COIMBATORE 641 018 Tamil Nadu India

(72)Name of Inventor :

1)G. RAJENDRAN

(57) Abstract :

The invention related to submersible motors used for pumping fluids from deep down holes, more particularly with simplified construction. This invention provides a submersible motor that will be easy to assemble and disassemble with less number of components. This submersible motor constructed with decreased length of the stator windings for ease of fixing and reduction in cost. They are also provided with an improved locking for most reliable operation.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1113/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CENTRIFUGAL STARTING SYSTEM

(51) International classification

:F04D

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES □ NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)SANTONU KASHYAP

2)YOGESH CHANDRAKANT KOTNIS

(57) Abstract :

The present invention relates to a centrifugal starting system for an internal combustion engine. The invention provides an arrangement, which replaces the use of a bendix drive or a one way clutch in a conventional electric start system. The centrifugal starting system as per the present invention includes a toothed base plate 102, a base plate 103, a lock tooth 100, a spring 112, an inner ring 104, an outer ring 105, a pin and tooth retainer 109, and a slotted drum 108.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.1312/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MONEY HANDLING SYSTEM AND MONEY HANDLING METHOD

(51) International classification :G07D11/00
(31) Priority Document No :13/093,900
(32) Priority Date :26/04/2011
(33) Name of priority country :U.S.A.
(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)GLORY LTD.

Address of Applicant :3-1, SHIMOTENO 1-CHOME,
HIMEJI-SHI, HYOGO-KEN Japan

(72)Name of Inventor :

1)TETSUYA TAMEIKE

(57) Abstract :

A money handling system of the present invention includes: a plurality of money handling machines, each money handling machine being configured to recognize and count money, and a management device configured to assign first recognition information for recognizing a transaction to the money for one transaction, assign second recognition information for recognizing a group to each of a plurality of groups provided by dividing the money for one transaction, associate the first recognition information with the second recognition information, and manage such associated first and second recognition information; wherein each money handling machine receives the second recognition information inputted thereto, counts the money of the group corresponding to this second recognition information, and associates this count result with the second recognition information and then transmits the associated count result and second recognition information to the management device, and the management device manages the count result, for each group, based on the association between the first recognition information and the second recognition information as well as on the count results and second recognition information, respectively received from the plurality of money handling machines.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1010/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DEVELOPING AND MAINTAINING SURVEILLANCE AND COMPLIANCE SCENARIOS

(51) International classification

:G06F

(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)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO 44,
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Karnataka India

(72)Name of Inventor :

1)SATISH SWAMINATHAN

2)SAMEER KOLHATKAR

3)SHITAL MAHAJAN

4)RACHIT GUPTA

5)MILIND GARGE

(57) Abstract :

A system for generating a plurality of surveillance and compliance scenarios includes a first user interface comprising a graphical modeling tool for writing fraud detection logic in a first language and a second user interface for creating one or more configurable threshold parameters, one or more general parameters, as well as one or more configurable subsets of filters to be applied to the detection logic. The system is configured to interpret the fraud detection logic in the first language and translate the fraud detection logic into a second language that is capable of performing the fraud detection on a subset of transactions data after application of the one or more configurable subsets of filters to the detection logic, as well as limiting a number of alerts that can be generated after application of the threshold and general parameters.



No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1011/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR OPTIMIZING THE PERFORMANCE OF SOFTWARE APPLICATIONS AT RUNTIME

(51) International classification	:G06F	(71) Name of Applicant : 1)INFOSYS LIMITED Address of Applicant :IP CELL, PLOT NO. 44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100, Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)PRASANNA RAJARAMAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and method for optimizing the performance of software applications are described. Embodiments include computer implemented steps for identifying at least two constituent software components for parallel execution, executing the identified software components, profiling the performance of the one or more software components at an execution time, creating an optimization model with the set of data gathered from profiling the execution of the one or more software components, and marking at least two software components for execution in parallel in a subsequent execution on the basis of the optimization model. In additional embodiments, the optimization model may be reconfigured on the basis of a cost-benefit analysis of parallelization, and the software components involved marked for sequential execution if the resource overhead associated with parallelization exceeds the corresponding resource or throughput benefit.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1051/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN INJECTOR, A DEVICE TO DETERMINE THE DUTY CYCLE OF THE INJECTOR AND A METHOD THEREOF

(51) International classification

:F02M

(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)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED

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Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)BIREN MAHANTY

(57) Abstract :

An injector (500), a device (100) to determine the duty cycle of the injector (500) and a method thereof is shown. The injector (500) comprises a plunger (10), a coil (20) wound around the plunger (10) such that an electrical current flowing through the coil (20) displaces the plunger (10) from a first position to a second position, wherein, a switch (50) located in proximity to the second position of the plunger (10), generates a signal (11,12) indicating the plunger (10) being in the second position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1052/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD FOR OBTAINING ANGULAR RATE FROM AN ACCELEROMETER

(51) International classification

:G01P

(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)ROBERT BOSCH ENGINEERING AND BUSINESS
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Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)RAJKUMAR JOSEPH

2)PRANAVA TRIPATHI

3)AIBIN PAUL LAZAR

4)KAMAL JOSHI

5)SWAYTHA SASIDHARAN

(57) Abstract :

The present invention discloses a method for obtaining angular rate using a single accelerometer. The device will include a plurality of matrix, each of said matrix corresponding to a particular application or activity. These matrix give the angular rate corresponding to the accelerometer data as received in real time. The control unit in a device using said method would receive the real time accelerometer data and retrieve, the corresponding angular rate data from the matrices. These matrices are generated using a training module.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.1031/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TAKE IT EASY: SACHET

(51) International classification	:B65D	(71) Name of Applicant : 1)R. PRAKASH URS Address of Applicant :#204 B (UJWALA), 5TH ACR, 5TH MAIN, BAHUBALI NAGAR, JALAHALLI (PO), BANGALORE - 560 013 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Take it easy sachet are novel packing solutions, they are designed in such a way that they contain an opening aid which are built in at the time of packing the content or at the time of preparing the sachet itself. The plank aided/ string aided sachet gets opened easily and efficiently without any messy awkward experience, just by applying pressure across the sachet as directed. The combination of method and aid successfully opens out the content in a sachet - Take it easy Sachets are useful for contents in the form of liquids/powder and cakes in a sachet.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.1345/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR DISTRIBUTING BRAKING TORQUE BETWEEN BRAKED WHEELS FITTED TO AT LEAST ONE UNDERCARRIAGE OF AN AIRCRAFT

(51) International classification	:B64C25/00	(71) Name of Applicant : 1)MESSIER-BUGATTI-DOWTY Address of Applicant :INOVEL PARC SUD, 78140 VELIZY VILLACOUBLAY France
(31) Priority Document No	:11 52944	
(32) Priority Date	:05/04/2011	
(33) Name of priority country	:France	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)THIBAULT, JULIEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for distributing braking energy between a group of the braked wheels numbered 1...p and fitted to N undercarriages of an aircraft, each of the braked wheels comprising a brake furnished with a stack of discs to which a load is selectively applied so as to generate a torque for braking the wheel, each brake being equipped with means for measuring a thickness of the stack of discs, and in which: - the setting is assigned as individual setting of braking to be generated by brake j where p is the number of wheels concerned, C is the general setting of braking to be developed by the braked wheels of one and the same undercarriage, Ej is the thickness of the stack of discs of the brake of wheel j, and Cj the individual braking setting for wheel j; each brake is controlled according to the individual braking setting thus determined.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.1030/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PORTABLE CLEAN ROOM FOR SEPARATION AND MANIPULATION OF STEM CELLS FOR CLINICAL APPLICATION

(51) International classification

:C12N

(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)SRI RAGHAVENDRA BIOTECHNOLOGIES PVT.

LIMITED

Address of Applicant :NO: 117, VENKATESHPURA, NEAR SAMPIGE HALLI, JAKKURI POST, BANGALORE - 560 064 Karnataka India

(72)Name of Inventor :

1)DR. SRIMUSHNAM GOPALAKRISHNA ANAND RAO

2)DR. JYOTHSNA ANAND RAO

3)DR. GURURAJ ANAND RAO

(57) Abstract :

Central Chamber (A) enclosed in a thick plexiglass is flanked by two chambers, A1 (right) and A2 (left). Chamber A is topped by a Hepa Filter of size 12 X 12 X 6 (1B) and Air Blower (2B) of capacity 1/5th HP. Chambers A1 and A2 are also topped by Filter-Blower Assembly. Chamber A1 and A are connected by a sliding plexiglass door, similar is the link between Chambers A and A2.

Manipulation is done in the Central Chamber A, through two Ports (P1 and P2) guarded by gaskets, to which a pair of rubber latex gloves is fixed. Sliding plexiglass door separating the Chambers is either manual or motor driven. Pre-filter (6B) supplies dust free air into the clean room. Unit is mounted Stainless Steel Stand (9B). Four number castor wheels (10B), on which the SS Stand carrying the unit is supported and four number leveling jacks are provided.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1058/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REAR ADAPTIVE SUSPENSION SYSTEM FOR TWO AND THREE WHEELED VEHICLES

(51) International classification	:B60G	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. CHANDAN CHAVAN BANSILAL
(87) International Publication No	: NA	2)MR. VENKATA MANGARAJU
(61) Patent of Addition to Application Number	:NA	3)MR. RENGARAJAN BABU
Filing Date	:NA	4)MR. RAGHAVAN VENKATESAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention illustrates the use of an adaptive type rear suspension of the vehicle for two and three wheelers enabling the isolation of road shocks and providing optimum dynamic performance. This provides a better ride comfort, handling behaviour of the vehicle in an effective way and minimizes the complexity and cost of the system. The invention involves the use of an Electrical Control Unit (ECU) 5, and a front preview sensor 6 installed in the two or three wheelers. The ECU 5 located centrally near to the rear portion of the vehicle 5 receives preview information much in advance of time and minimizes the wiring harness. For this a preview sensor 6 is located on the front portion of the vehicle 3. This sensor reads valuable information about the road profile and provides upfront information to the ECU 5 which in turn controls the response of the rear suspension. The preview sensor 6 installed on the front axle of the unsprung mass of the front wheel 4 gives the shock signal experienced on the road by the front wheel through wires or telemetry to the ECU 5 which processes the data.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.1349/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TOOL CASE WITH POSITIONING FUNCTION

(51) International classification	:B25B13/00	(71) Name of Applicant : 1)HAZET-WERK HERMANN ZERVER GMBH & CO. KG Address of Applicant :GULDENWERTHER
(31) Priority Document No	:10 2011 016 172.4- 15	BAHNHOFSTRASSE 25-29, 42857 REMSCHEID Germany
(32) Priority Date	:05/04/2011	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)TIMM, FELIX
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is with regard to a tool case (1) for the accommodation and transport of hand tools, especially for the accommodation of ratchets, screwdrivers or other hand tools, whereby the tool case (1) exhibits a locking device, an upper part of the casing (2) and a lower part of the casing (3), whereby the upper part of the casing (2) and the lower part of the casing (3) are coupled to one another so as to swivel around a rotating axis (5), that is characterised in that, a bracket (8) that can be swivelled relative to the lower part of the casing (3) is located at the lower part of the casing (3) and supports the lower part of the casing (3) in a supported position.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9254/CHENP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BASE FOR A TRANSPORTABLE MAST AND MAST ASSEMBLY COMPRISING SUCH A BASE

(51) International classification	:E04H12/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/055683
Filing Date	:11/05/2009
(87) International Publication No	:WO 2010/130282
	A1
(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)SECOBEL

Address of Applicant :WOUDSTRAAT 21, B-3600, GENK
Belgium

(72)Name of Inventor :

1)OYEN, EDMOND

(57) Abstract :

The invention relates to a base for a transportable mast comprising a plurality of superimposed tubular mast elements, the base comprising a guide shaft with an opening for guiding the displacement of the tubular mast elements, legs connected to the guide shaft, for positioning the guide shaft at a distance above ground. The invention also relates to a mast assembly comprising the base, and a field base for limiting movement of the mast, and a guy control assembly for keeping the mast upright during erection or retraction of the mast.

No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1044/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A TOP ARM ARRANGEMENT FOR TEXTILE MACHINES

(51) International classification	:D01H	(71) Name of Applicant : 1)LAKSHMI MACHINE WORKS LTD Address of Applicant :PERIANAICKENPALAYAM, COIMBATORE 641 020 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NARAYANASAMY KRISHNAKUMAR
(87) International Publication No	: NA	2)GOVINDARAJULU MANI
(61) Patent of Addition to Application Number	:NA	3)PERUMALASAMY RAMAMOORTHI
Filing Date	:NA	4)ALANGAYAM KRISHNAN CHANDIRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved top arm arrangement of a textile machine. The said top arm arrangement of a textile machine having cylindrical rollers (57, 62) arranged at Fixed member (52) and locking lever (54), cooperatively engaged during loading and unloading of Top arm.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.1035/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VIRTUAL NAVIGATION SYSTEM

(51) International classification	:G01C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ANN ABRAHAM
(32) Priority Date	:NA	Address of Applicant :1240, 13TH MAIN ROAD,
(33) Name of priority country	:NA	ANNANAGAR WEST, CHENNAI - 600 040 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ANN ABRAHAM
(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 Virtual-Navigation-System (VNS) that allows users to interact with a 3-D virtual-world. Further, the present invention relates to a system and method, which provides the user with a more realistic experience while interacting with different virtual environments using a relatively small physical space. The users traverse the virtual-world, by physically walking on an inclined-rollers-platform. A pair of gloves provided with finger-tip sensors allows the user upto 10-points-of-contact with a computer-system. Further, the system is provided with a steering ball which enables the user to make 360 degree rotation while navigating in a virtual world.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.1036/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : System and Method for monitoring network connections

(51) International classification	:H04L	(71) Name of Applicant : 1)Novatium Solutions Pvt Ltd Address of Applicant :SP Infocity Block A 2nd Floor #40 MGR Salai Perungudi Kandanchavadi Chennai India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Alok Singh
(87) International Publication No	: NA	2)G Vinod Kumar
(61) Patent of Addition to Application Number	:NA	3)S Badrinath
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for monitoring network connection are provided. The system comprises at least one client device configured for providing a user access to a public network via a network connection and a network monitoring module coupled to the client device the network monitoring module configured for monitoring the network connection based on an establishment of a transmission control protocol connection between the client device and the public network. The method comprises steps of monitoring establishment of a transmission control protocol connection between a client device and a worldwide web server and generating network monitoring statistics on availability of network connection based on the information derived from monitoring.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1014/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STATISTICAL DISTRIBUTION BASED VARIABLE-BIT ERROR CORRECTION CODING□

(51) International classification	:G06F	(71) Name of Applicant : 1)SANDISK TECHNOLOGIES INC. Address of Applicant :Two Legacy Town Center 6900 North Dallas Parkway Plano TX 75024 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Deepak Pancholi 2)Manuel Antonio d Abreu 3)Radhakrishnan Nair
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method may be performed at a data storage device that includes a memory and a controller. The method includes providing user data to a variable-bit error correction coding (ECC) encoder. The ECC encoder generates a first set of parity bits. A first number of parity bits in the first set of parity bits is determined based on stored counts of read errors. The method also includes storing the user data and the first set of parity bits to a memory of the data storage device.

No. of Pages : 11 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1064/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF 1-(P-HYDROXYPHENYL)-2-[2-(P-HYDROXYPHENYL)ETHYLAMINO]-1-PROPANOL AND ITS HYDROCHLORIDE

(51) International classification

:C07D

(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

(57) Abstract :

Process for preparation of l-(p-hydroxyphenyl)-2-[2-(p-hydroxyphenyl)ethylamino]-l-propanol and its hydrochloride. The present disclosure is related to a process for preparation of l-(p-hydroxyphenyl)-2-[2-(p-hydroxyphenyl)ethylamino]-l-propanol and its hydrochloride derivative. The process involves usage of unprotected tyramine and provides high yields of said compounds.

No. of Pages : 16 No. of Claims : 9

(71)Name of Applicant :

1)R L FINE CHEM

Address of Applicant :RAY HOUSE, HIG, NO 2000, NEXT TO YELAHANKA NEW TOWN POLICE STATION, YELAHANKA, BANGALORE - 560 106 Karnataka India

(72)Name of Inventor :

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2)HOLLA, DELAMPADY CHANDRASHEKAR
3)ROY, ANJAN KUMAR**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1065/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS OF CABLE NETWORK AND MESH FABRICATION AND ASSEMBLY FOR USE IN LARGE DEPLOYABLE ANTENNA

(51) International classification	:H01Q	(71) Name of Applicant : 1)INDIAN SPACE RESEARCH ORGANIZATION Address of Applicant :DEPARTMENT OF SPACE, ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE - 560 231 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(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 method for fabricating a cable network assembly having top and bottom cable nets suitable for large deployable antennas comprising the steps of: c) preparing a plurality of in-plane cords having bonded first and second end-terminals and marking node points on each in-plane cord; d) fabricating plurality of separate nodes for top and bottom cable nets by placing the node points marked on the in-plane cords on a suitable fixture and interweaving the in-plane cords onto a nodal disc using low thermal expansion lubricant coated RF transparent fibers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.1339/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRING STRUCTURE OF ELECTRICAL APPARATUS, AND IMAGE FORMING APPARATUS

(51) International classification	:H01B13/00	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2011-082965	
(32) Priority Date	:04/04/2011	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)SHIGE, DAISUKE
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An image forming apparatus includes a protective member which is mounted to an opening of a rear panel and is formed as a resin tabular body in which a cover portion, an edge portion, and a plurality of holding portions are integrally formed. The protective member is fixed to the rear panel at the edge portion. The cover portion has a shape smaller than the opening. The edge portion has an external shape which is larger than the opening, and the edge portion being positioned outside the cover portion to provide a gap therebetween. The plurality of holding portions are independently positioned in the gap and each of the holding portions connects the edge portion and the cover portion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1008/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HAIR GROWTH COMPOSITION USING GUGGULSTERONES

(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 :**

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Address of Applicant :CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI-600 018 Tamil Nadu India

(72)**Name of Inventor :**

1)RAO, DR. GOTTUMUKKALA VENKATESWARA

2)ANNAMALAI, MR. TIRUGANASMBANDHAM

3)MUTHUMANI, DR. THOMAS

4)MUKHOPADHYAY, DR. TRIPTIKUMAR

(57) Abstract :

Hair growth promoting/ stimulating/ enhancing agent/ formulation comprising guggulsterones and its derivatives and cosmetic and dermatopharmaceutical compositions obtained thereof in association with a cosmetically and / or dermatopharmaceutically acceptable vehicle with or without other hair/ skin care benefiting agents.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1009/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN INDEXABLE MILLING INSERT

(51) International classification	:B23C
(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)KENNAMETAL INDIA LIMITED

Address of Applicant :8/9th Mile Tumkur Road Bangalore
560 073 Karnataka India

2)KENNAMETAL SHARED SERVICES PVT. LTD.

(72)Name of Inventor :

1)K. VISWESWARA RAO

2)SHARATH SHANKEREGOWDA

3)SHREELAKSHMI KRISHNEGOWDA

(57) Abstract :

An indexable milling insert comprising a polygonal shaped body having an upper surface (1) a lower surface (2) and side surfaces (3) wherein the upper surface (1) is characterized into: a peripheral land (4) intersecting the side surfaces (3) having predetermined width (a) sloping downward at a predetermined angle (X). A support-face plateaux (5) extending from end of the peripheral land (4) till a chip shaping surface (6) has a predetermined angle wherein the angle (X) of peripheral land (4) is more positive than the angle (Y) of support face plateaux (5).

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1048/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 3 PHASE MAJORITY VOTING LOGIC BRUSHLESS DC MOTOR CONTROL ASIC

(51) International classification	:H03K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BHARAT ELECTRONICS LIMITED

Address of Applicant :NAGAVARA, OUTER RING ROAD,
BANGALORE - 560 045 Karnataka India

(72)Name of Inventor :

1)RAMESH NADAMUNI RAGHAVAN

2)KARTHIK SAKERAN

3)KIRAN HOOVINALLI

(57) Abstract :

The present invention relates to a Full Custom Application Specific IC (ASIC) design for controlling a 3-phase Sensor Based Brushless DC motor taking inputs from sensors. This ASIC 100 has integrated analog and digital blocks on single monolithic Silicon. The Analog block comprises of Differential Buffer Amplifier (DBA) 101, Polarity Switching Amplifier (PSA) 102, Error Amplifier (EA) 103, PWM comparator 104 and a Triangular Wave Generator 105. The Digital block consists of Schmitt Trigger Input Buffers 106 for the hall sensor inputs, Majority Voting Logic 107, Commutation Logic 108, Pass/Invert block 109, a Dead-Band Pulse generator 110 and a Delay Block 111. It also integrates an uncommitted comparator 112 and an uncommitted op-amp 113. This device has been designed for a wide operating temperature range, with complementary 4 quadrant control, Programmable PWM frequency, Programmable Dead-Band, Majority Voting logic to ensure fail-safe commutation. This device is fabricated on Silicon using the 40V/4um bipolar process and assembled in Ceramic Quad Flat Package. This invention is the result of a culmination of a trigger from the Vikram Sarabhai Space Centre, Trivandrum, an Indian Space Organization, especially for a 3-phase Majority Voting Logic Brushless DC motor Control function in a monolithic platform for servo control applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/08/2011

(21) Application No.2709/CHE/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SRI MUTHUMALAI FREE FLOW ROCKET TECHNOLOGY

(51) International classification

:B64G

(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

(57) Abstract :

Instead of fuel propulsion we can launch the rocket by magnetic levitation and gravity force in a closed loop path of mono rail till it get its escape velocity .THEN we can connect the mono railtrack for upward journey. Once this track for free flow rocket is established we can launch as many rockets as possible with least effort.. We can explore the space well in a new dimension.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/02/2009

(21) Application No.662/CHENP/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR SPECIFYING A PARTICULAR ENUM SERVICE TYPE IN A COMMUNICATIONS NETWORK THAT UTILIZES A PLURALITY OF DIFFERENT ENUM SERVICE TYPES

(51) International classification	:H04L12/66
(31) Priority Document No	:60/832,215
(32) Priority Date	:20/07/2006
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2007/016471 :20/07/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)TEKELEC

Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 U.S.A.

(72)Name of Inventor :

1)HEINZE Christopher

2)MARSICO Peter J.

3)WIATROWSKI Maria A.

(57) Abstract :

The subject matter described herein includes methods, systems, and computer program products for specifying an ENUM service type in a communications network that uses a plurality of different ENUM service types. According to one method, at least one ENUM service type is identified from a plurality of different ENUM service types. The identification is performed at a signaling point separate from an ENUM database. An ENUM query message corresponding to the at least one identified ENUM service type is generated. The ENUM query message is transmitted to an at least one ENUM server for providing the at least one identified ENUM service type.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1023/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A FUEL SUPPLY DEVICE IN A VEHICLE

(51) International classification	:F02P, F02M	(71) Name of Applicant : 1)BOSCH LIMITED Address of Applicant :POST BOX NO 3000 HOSUR ROAD ADUGODI BANGALORE-560030 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HARIKRASAD MADHAWARAJ
(87) International Publication No	: NA	2)MARCEAU CEDRIC
(61) Patent of Addition to Application Number	:NA	3)STERR ANDREAS
Filing Date	:NA	4)BECKER FRANK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel supply device 10 is disclosed. A fuel supply device 10 for an internal combustion engine comprises a first fuel distributor block 12 and a second fuel distributor block 14. The first fuel distributor block 12 and the second fuel distributor block 14 are connected through a pipe 16.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.1024/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE DEVICE

(51) International classification	:H04W, H04L	(71) Name of Applicant : 1)KUMARAN RANGASAMY Address of Applicant :NO: 2, HUTCHINS ROAD, 2nd CROSS, ST. THOMAS TOWN BANGALORE-560084 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KUMARAN RANGASAMY
(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 user-friendly mobile device and a means of communication suitable especially for children and old aged citizens. Particularly, the present invention relates to user-friendly mobile communication device ensuring minimum electromagnetic radiation comprising of keypad with four input buttons; rechargeable battery and communication means. The two input buttons are featured with recognized icons and the two other input buttons are for 'call accept' or 'call reject'. The mobile communication device is pre-configured with recipients' telephone numbers which can be decided using the respective input buttons, and is provided with an inbuilt Global Positioning System (GPS) tracker.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.1076/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INTERNATIONALIZATION ENCODING

(51) International classification	:G06F
(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)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO.44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
100 Karnataka India

(72)**Name of Inventor :**

1)SURAJ NAIR

2)KRISHNA MARKANDE

3)AVIRAJ SINGH

(57) Abstract :

A system and computer-implemented method for transforming source code in an original natively encoded format to a locale neutral format, wherein data types and functions in the original format are estimated for compliance with the locale neutral format and an estimation is made as to the amount of code conversions necessary to comply with the locale neutral format. In addition, image files referenced by the source code is analyzed and embedded text extracted for enabling translation during the localization process.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1136/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN ULTRASOUND DEVICE AND METHOD THEREOF

(51) International classification	:G01S, G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 River Road Schenectady New York
12345 U.S.A.

(72)**Name of Inventor :**

1)SRINIVAS VARNA

(57) Abstract :

Embodiments relate a novel way to implement TGC (time gain compensation) feature in an ultrasound device using touchpad or similar device and eliminating the need for mechanical potentiometers. The touch pad is segmented into one or more rows wherein each row is mapped to corresponding depth of an image. In order to set a required TGC gain setting of particular depth of the image user need to move his finger across the face of the touchpad such that the desired gain curve can be set. Any finer adjustment can be done by moving the finger in the desired horizontal area of the touchpad. The mapping of the effective depths is indicated by horizontal lines on the touchpad as well as on the screen.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.1340/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AXLE DEVICE FOR VEHICLES

(51) International classification	:B60G15/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 006 874.0	1)ZF FRIEDRICHSHAFEN AG Address of Applicant :88038, FRIEDRICHSHAFEN Germany
(32) Priority Date	:06/04/2011	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)WAGNER, VOLKER
(86) International Application No	:NA	2)FRUHMANN, GABRIELE
Filing Date	:NA	3)POLLMEYER, STEPHAN
(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 :

Described here is a Vehicle Suspension System or device (1) with a wheel-mount (12) as well as with at least one wheel-locating transverse leaf-spring (13), extending itself in assembled-position primarily in vehicle transverse direction (y) and connected with the wheel-mount (12), and minimum one damper-strut (3) coupled with the wheel-mount (12). An interlocking area (14) between the transverse leaf-spring (13) and the wheel-mount (12) is spaced (or at a distance) to a resultant point-of-load or-applied-force (6) of the tire-vertical-force (F2) impacting in the area of a wheel at least in vehicle transverse direction (y). In accordance with the invention, a mechanism (15) is envisaged through which in the interlocking between the wheel-mount (12), the transverse leaf-spring (13) and the damper-strut (3) a force can be introduced or induced, using which the torque/load supporting itself in the chassis-side area of the linking of the damper-strut (3) and impacting on the wheel-mount (or stub-axle) (12) can be at least partially compensated.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1126/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR IMAGE STABILIZATION

(51) International classification

:A61B

(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

(57) Abstract :

In accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises configuring a pre-determined movement of at least one of a lens element and a sensor element. The method further comprises performing the pre-determined movement of the at least one of the lens element and the sensor element during capturing of an image.

No. of Pages : 48 No. of Claims : 45

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Pranav Mishra

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1114/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EASY CLUTCH MECHANISM

(51) International classification	:F16D	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES □ NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A retractable easy clutch mechanism for a vehicle is disclosed in the present specification to assist the manual force imparted by a vehicle operator to actuate the clutch. It comprises of a clutch operating means, a clutch assisting means, a rotatable, adjustable cam lever and a holding means; and is held outside of the vehicle crankcase. The easy clutch mechanism reduces the operator fatigue particularly during long distance travel and allows him to effortlessly manoeuvre the vehicle during high traffic conditions.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1115/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FRAME ASSEMBLY

(51) International classification	:B60R	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES □ NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A frame assembly 200 for a vehicle is described. The present invention provides a head pipe 201; a down pipe 202 ; a bridge member 203 located in the floor board portion 204 and placed perpendicular to the down pipe 202 wherein the down pipe 202 is welded to the bridge member 203 at the midway; at last two side rails 205 extending upwardly and rearwardly from the sides of the bridge member 203 and extends beyond the bridge member 203 on the front side; one secondary bridge 206 placed parallelly before the bridge member 203 on the front side; and at ~east one interconnecting tube 207 connecting two side rails 205 to the secondary bridge 206.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1068/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WATERPROOF AND BREATHABLE PLUG

(51) International classification	:H02G
(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)AVC INDUSTRIAL CORP

Address of Applicant :122 Wugong Road Wugu Industrial Park Taipei County TAIWAN

(72)Name of Inventor :

1)Teh-Tsung Chiu

(57) Abstract :

A cable gland and gasket ring assembly includes a gasket ring and a cable gland formed of a shell a collar a packing ring and a connection ring for securing a cable or a cable and a flexible conduit to a junction box. The gasket ring is an annular member having a first end face a second end face opposing the first end face a plurality of annular ribs concentrically arranged on the first end face and an annular convex portion located on the second end face. The connection ring has a stop flange segment a first connection ring segment extended from one side of the stop flange for holding the gasket ring an outer thread located on the first connection ring segment for fastening to a junction box a recessed portion on the stop flange segment for receiving the annular convex portion of the gasket ring and a tapered inner surface located on the inside of the stop flange segment for stopping against a tapered outside surface of the packing ring.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.1125/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRESENTING CONTENT VIA SOCIAL NETWORKING MESSAGES

(51) International classification	:G06Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA CORPORATION
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Pranav Mishra
(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 approach is provided for presenting content in a user interface associated with social networking messages based on gaze tracking information. A content presentation platform determines a rendering of a user interface presenting one or more social networking messages. The content presentation platform further determines a selection of at least one of the one or more social networking messages based, at least in part, on gaze tracking information. The content presentation platform also causes, at least in part, a presentation of content at the user interface based, at least in part, on the selection.

No. of Pages : 58 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1245/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CHISEL HOLDER, AND CHISEL HOLDER SYSTEM COMPRISING A CHISEL HOLDER AND A BASE PART

(51) International classification	:E21C35/18,E21C35/193
(31) Priority Document No	:10 2010 061 019.4
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2011/071642 :02/12/2011
(87) International Publication No	:WO 2012/072802
(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)WIRTGEN GMBH

Address of Applicant :Reinhard-Wirtgen-StraBe 2 53578
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(72)Name of Inventor :

1)LEHNERT, Thomas

2)BUHR, Karsten

3)LENZ, Martin

4)BARIMANI, Cyrus

5)HÄHN, Günter

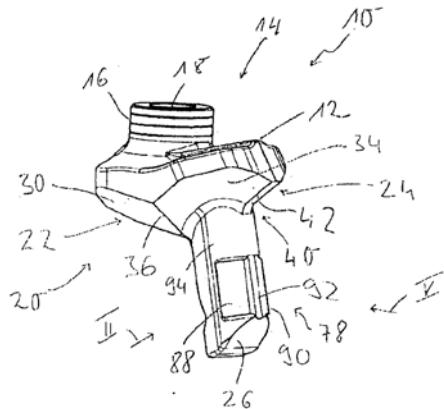
6)KAMMERER, Karl

7)DIESNER, Bernhard

8)ROTH, Markus

(57) Abstract :

A chisel holder comprises a body zone (12) having a chisel receiving opening (18) that is open at least in the direction of a chisel insertion end (14) of the body zone (12), and also comprises a fastening shaft (26) which extends from a supporting end (20) of the body zone (12) and has a longitudinal shaft axis. A fastening member-affecting zone is provided on a first side of the fastening shaft (26), and a supporting zone (78) that has supporting surface regions (88, 90) which are inclined relative to each other and adjoin each other in a transition zone (92) extending in the direction of the longitudinal shaft axis is provided on a second side of the fastening shaft (26), said second side lying opposite the first side relative to the longitudinal shaft axis. Said chisel holder is characterized in that the transition zone (92) is designed like a cavity, or/and at least some sections of at least one supporting surface region (88, 90) project radially outward from a basic outer peripheral surface (94) of the fastening shaft (26) in relation to the longitudinal shaft axis.



No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1246/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CHISEL HOLDER, AND CHISEL HOLDER SYSTEM COMPRISING A CHISEL HOLDER AND A BASE PART

(51) International classification	:E21C35/18,E21C35/193
(31) Priority Document No	:10 2010 061 019.4
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/071641
Filing Date	:02/12/2011
(87) International Publication No	:WO 2012/072801
(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)WIRTGEN GMBH

Address of Applicant :Reinhard-Wirtgen-Straße 2 53578 Windhagen GERMANY

(72)Name of Inventor :

1)LEHNERT, Thomas

2)BUHR, Karsten

3)BARIMANI, Cyrus

4)HÄHN, Günter

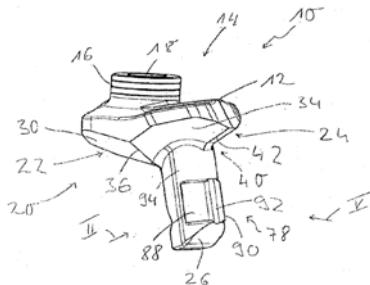
5)KAMMERER, Karl

6)DIESNER, Bernhard

7)ROTH, Markus

(57) Abstract :

A chisel holder comprises a body zone (12) having a chisel receiving opening (18) that is open at least in the direction of a chisel insertion end (14) of the body zone (12), and also comprises a fastening shaft (26) which extends from a supporting end (20) of the body zone (12) and has a longitudinal shaft axis (LB), the body zone (12) having a first supporting surface region (22) at its supporting end (20). Said chisel holder is characterized in that the body zone (12) has a second supporting surface region (24) at its supporting end (20), said second surface region (24) extending at an angle from the first supporting surface region (22), or/and the first supporting surface region (22) comprises a first supporting surface (28) and a second supporting surface (30) extending at an angle from the first supporting surface (28).



No. of Pages : 48 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1247/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CUTTING INSERT HAVING STRUCTURED TOOL FLANKS

(51) International classification	:B23B27/14,B23C5/20
(31) Priority Document No	:10 2010 063 611.8
(32) Priority Date	:20/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/073074
Filing Date	:16/12/2011
(87) International Publication No	:WO 2012/084718
(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)WALTER AG

Address of Applicant :Derendinger Strasse 53, 72072
Tübingen, GERMANY

(72)Name of Inventor :

1)STEFAN LENISCHENKO

(57) Abstract :

The invention relates to a cutting insert having an upper and a lower surface (1, 2), and having one or more edge surfaces (3) connecting the upper (1) and the lower surfaces (2) to each other, wherein at least one cutting edge (4) is implemented at the transition of at least one edge surface (3) to at least the upper area (1), wherein the upper surface adjacent to the cutting edge is designed as a chip surface and the edge surface adjacent to the cutting edge is implemented as a tool flank (3). In order to provide a cutting insert in which the chip breaking area is expanded and the risk of damage to the cutting insert and/or the tool and/or the workpiece due to coiling chips is reduced, according to the invention, at least one recess (6) is provided in the tool flank (3) at a distance from the cutting edge (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1248/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR PRODUCING SURFACE-TREATED METALLIC MATERIAL

(51) International classification	:C23C26/00
(31) Priority Document No	:2010-262208
(32) Priority Date	:25/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/077735
Filing Date	:24/11/2011
(87) International Publication No	:WO 2012/070687
(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)MASAYASU NAGOSHI

2)KAORU SATO

3)SEIICHI WATANABE

4)SOUKI YOSHIDA

(57) Abstract :

Provided is a method for manufacturing a surface treatment metal material, whereby a metal material having stable and excellent slidability can be manufactured with a low environmental load without covering the surface of the metal material with an oxide film. The method for manufacturing a surface treatment metal material includes a surface treatment step, wherein an anode electrode and a cathode electrode are immersed in an electrolyte solution, and furthermore, a metal material as a material to be treated is disposed above the liquid surface of the electrolyte solution, then, the surface of the metal material is treated by applying a voltage at a level with which a complete plasma state is generated or higher to between the anode electrode and the cathode electrode.

No. of Pages : 45 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1265/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEARCH AND RESCUE USING ULTRAVIOLET RADIATION

(51) International classification :G01S1/70,G01S17/02,G01S17/46
(31) Priority Document No :12/902,438
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052853
Filing Date :23/09/2011
(87) International Publication No :WO 2012/050786
(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)RAYTHEON COMPANY

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(72)Name of Inventor :

**1)WITZEL, John, George
2)NEGATU, Emmanuel, Menilik
3)VORNBROCK, Theodore, John**

(57) Abstract :

A system includes an ultraviolet c band radiation detector to enable detection of radiation during search and rescue operations at least a portion of the radiation including ultraviolet c band radiation, and a stimulus generator configured to generate a stimulus in response to detected ultraviolet c-band radiation. Further embodiments may include multiple synchronized ultraviolet c-band detectors to enhance system sensitivity and facilitate detection of relatively weak radiation sources, relatively distant sources and/or radiation scattered about an environment.

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1266/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AGGREGATING MULTIPLE FUNCTIONS INTO A SINGLE PLATFORM

(51) International classification	:G06F15/16
(31) Priority Document No	:61/405,734
(32) Priority Date	:22/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055183
Filing Date	:07/10/2011
(87) International Publication No	:WO 2012/054242
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)AHMED, Hassan

2)KRISHNAMURTHY, Anand

3)DURAND, Terry

4)MORTSOLF, Tim

5)SHERER, Paul

6)SIKKA, Avnish

(57) Abstract :

Methods and apparatus, including computer program products, for aggregating multiple functions into a single platform. A communications system includes at least one processor, at least one computer readable storage medium storing computer executable instructions that, when executed by the at least one processor, implement components including a workflow module comprising sets of workflow instructions for processing different types of information packets, and selectable communication function modules, the workflow module coordinating processing of a received packet using selected ones of the selectable communication function modules.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1267/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POLISHING DEVICE FOR CYLINDRICAL MEMBERS, CYLINDRICAL MEMBERS AND POLISHING METHOD FOR CYLINDRICAL MEMBERS

(51) International classification	:B24B5/04,B24B5/50,B24B29/00
(31) Priority Document No	:2010-257619
(32) Priority Date	:18/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/072090
Filing Date	:09/12/2010
(87) International Publication No	:WO 2012/066689
(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)SINTOKOGIO, LTD.

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(72)Name of Inventor :

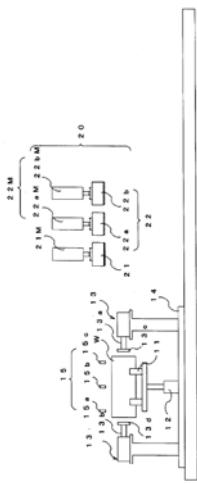
1)SAWAI, Shouta

2)TANAHASHI, Shigeru

3)HIRANO, Masao

(57) Abstract :

Provided are a polishing device and a polishing method for the polishing device, whereby workpieces comprising a hard and brittle material are machined into a cylindrical shape with a prescribed diameter, microcracks present on the surface layer of the workpieces are removed, and surface roughness is refined by removing surface irregularities. The polishing device is provided with: a clamping means that is connected to a workpiece rotation means, and that clamps both ends of the workpiece; a polishing means, the tip of which comes into contact with the outer surface of the workpiece and rotates, thereby polishing the outer surface of the workpiece; a moving means that moves the workpiece relative to the polishing means in a cylindrical shaped axial direction of the workpiece; a height position detection means that detects the height position of a polished finished product and a workpiece to be polished; and a control means that carries out polishing by calculating the height positions and machining conditions that have been inputted. The polishing means is provided with at least one grindstone, and a polishing brush provided with a bristle material or an elastic body containing abrasive grains. The grindstone and polishing brush are positioned so as to be provided continuously along the axis of a cylindrical workpiece.



No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1268/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING NETWORK ENTRY/REENTRY IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W60/02,H04W60/04,H04B7/26
(31) Priority Document No :61/405,212
(32) Priority Date :21/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/007884
Filing Date :21/10/2011
(87) International Publication No :WO 2012/053857
(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)LG ELECTRONICS INC.

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(72)Name of Inventor :

1)PARK, Kyujin

2)CHO, Hangyu

3)CHOI, Jinsoo

(57) Abstract :

Disclosed is a method in which a machine to machine (M2M) device and a base station in a wireless communication system perform network reentry. The method in which a machine to machine (M2M) device performs network reentry comprises the steps of: receiving, from a base station, information related to an uplink resource for the transmission of a ranging request message; and transmitting the ranging request message to the base station on the basis of the received information related to the uplink resource.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1300/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROTARY VALVE CONTINUOUS FLOW EXPANSIBLE CHAMBER DYNAMIC AND POSITIVE DISPLACEMENT ROTARY DEVICES

(51) International classification :F02B53/00,F02B55/08,F02B55/02
(31) Priority Document No :61/455,873
(32) Priority Date :27/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001825
Filing Date :26/10/2011
(87) International Publication No :WO 2012/057838
(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)VAZQUEZ, Jesus

Address of Applicant :#B-13 Alameda St. Sta. Juanita Urbanization, Bayamon, Puerto Rico, 00956-4823, U.S.A.

(72)Name of Inventor :

1)VAZQUEZ, Jesus

(57) Abstract :

A Revolving piston rotary annular and toroid cylinder rotary valve continuous flow and combustion expansible chamber devices, compressor and engine machine system with an outer annular cylinder housing assembly having a central axis, having one or a plurality of balanced pistons with means for attachment to a rotor and radiating through the outer rotor assembly to contact or come within close tolerance of the interior surface of the outer housing at the other extreme of the pistons, whereby, a plurality of relatively air tight compartments are formed between the interior surface of the outer housing, the outer surface of the rotor assembly and the piston or plurality of pistons with the volume of said compartment varying as a function of the rotative position of the inner cylinder and rotor assembly in relation to the isolating valve. At least one isolating valve conformably shaped and associated with a respective piston and said hollow cylinder housing pivotally connected at one end to said housing upstream and before said intake port, another end of said isolating valve being in rotary contact with said conformably shaped outer peripheral surface of said associated piston and said rotor assembly following said conformably shaped surface The rotary device can be used as a compressor having an inlet for receiving any fluid and an outlet for providing compressed fluid such as air etc. The rotary device can also have an inlet for receiving working fluid and exhaust port for venting working fluid a combustor for burning combustible fluids. The combustor can also heat an expansion gas or fluid which is introduced or mixed within the combustor simultaneously.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1301/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WALL PANEL CONSTRUCTION AND METHOD FOR IN SITU ASSEMBLY

(51) International classification :E04C2/26,E04C2/296,E04B2/56
(31) Priority Document No :61/456,031
(32) Priority Date :01/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001821
Filing Date :27/10/2011
(87) International Publication No:WO 2012/060863
(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)MOSES, Allen, R.

Address of Applicant :665 East 7th Street, Brooklyn, NY 11218, U.S.A.

(72)Name of Inventor :

1)MOSES, Allen, R.

(57) Abstract :

A wall panel construction for in situ assembly includes a plurality of parallel elongate insulating members uniformly spaced from each other to form elongate substantially parallel channels between each two adjacent insulation members. Elongate attachment members extend along the channels proximate to the inner end surfaces. Concrete ribs fill voids between adjacent insulating members to fill said channels to form load-supporting concrete columns extending along the length directions of the insulation members. A sheathing panel abuts outer end surfaces. Fasteners attach the elongate attachment members and sheathing panel to the ribs, the inner end surfaces defining a plane substantially parallel to the sheathing panel suitable for attachment to a sheet of plaster board to cover the insulating members when incorporated into a building structure. A building structure and method of assembling the wall panels are also described.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1302/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FUEL FILTER

(51) International classification :F02M37/22,B01D29/11,B01D29/13
(31) Priority Document No :2010-236581
(32) Priority Date :21/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074140
Filing Date :20/10/2011
(87) International Publication No :WO 2012/053583
(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)NIFCO INC.

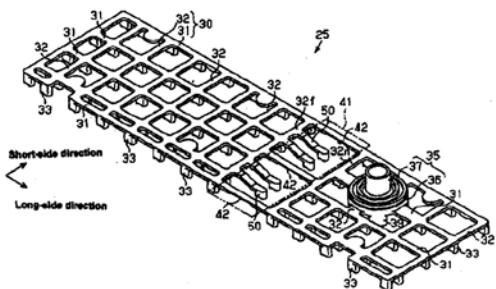
Address of Applicant :184-1, Maioka-cho, Totsuka-ku,
Yokohama-shi, Kanagawa 244-8522, Japan.

(72)Name of Inventor :

1)Yasushi UEKI

(57) Abstract :

A fuel filter includes: a filter member formed of a filter sheet into the shape of a sack; and a frame member arranged inside the filter member. The frame member includes a base frame that spreads out inside the filter member, and a cantilever spring formed on the base frame. The base frame includes first frames extending in the long-side direction, and second frames connected to the first frames and extending in the short-side direction which is orthogonal to the long-side direction. Each first frame has a curved section that is curved between sections where adjacent second frames are connected thereto. The base end of the cantilever spring is connected to one of the second frames, and the tip end of the cantilever spring is located between adjacent second frames.



No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1243/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DECODING LOW-DENSITY PARITY-CHECK CODES

(51) International classification	:H03M13/11
(31) Priority Document No	:201010538671.5
(32) Priority Date	:10/11/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/075252
Filing Date	:03/06/2011
(87) International Publication No	:WO 2011/144170
(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)HUAWEI TECHNOLOGIES CO., LTD.

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(72)Name of Inventor :

1)CAI, Meng

(57) Abstract :

A method and a device for decoding Low-density parity-check code are provided, which include: a first decoding unit (101) implements a decoding calculation for a first code word from the second time period to the Oth time period, a second decoding unit (102) implements a decoding calculation for a second code word from the third time period to the (O+1)th time period; an Nth decoding unit (103) implements a decoding calculation for an Nth code word from the (N+1)th time period to the (N+O-1)th time period; and an Mth decoding unit (104) implements a decoding calculation for an Mth code word from the (M+1)th time period to the (M+O-1)th time period. Each of the decoding units can implement decoding calculations in a plurality of time periods, so as to adjust the iteration time of the decoding calculation based on the decoding algorithm and the channel status, etc., so that the number of the iterations can be increased effectively to ensure the decoding performance and a plurality of decoding units can operate simultaneously without generating interferences between each other. Therefore, the data throughput can be improved effectively, thus the speed of decoding process can satisfy the needs of the current fast-increasing network bandwidth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1244/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND EQUIPMENT FOR DIFFUSING PSEUDOWIRE ROUTE

(51) International classification	:H04L12/56
(31) Priority Document No	:201010526452.5
(32) Priority Date	:26/10/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/075749
Filing Date	:15/06/2011
(87) International Publication No	:WO 2012/055247
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)XU, Weiping

(57) Abstract :

The embodiments of the present invention relate to the field of communications and disclose a pseudo-wire routing diffusion method and an aggregation device, wherein the method includes: receiving a non-routing protocol message sent from an access device, wherein the non-routing protocol message is an access node control protocol message; obtaining a pseudo-wire routing according to information carried in the access node control protocol message and sending a routing protocol message carrying the pseudo-wire routing to a switching device so that the switching device can diffuse the pseudo-wire routing. By implementing the embodiments of the present invention, the complexity of the access device is reduced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1321/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REACTOR AND METHOD FOR THE AT LEAST PARTIAL DECOMPOSITION, IN PARTICULAR DEPOLYMERIZATION, AND/OR PURIFICATION OF PLASTIC MATERIAL

(51) International classification:C10B19/00,C10B49/14,C10G1/10
(31) Priority Document No :10 2010 050 152.2
(32) Priority Date :02/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001975
Filing Date :01/11/2011
(87) International Publication No :WO 2012/059091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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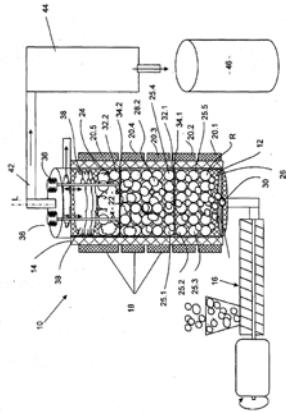
2)Adam HANDEREK

(72)Name of Inventor :

1)Adam HANDEREK

(57) Abstract :

The invention relates to a reactor for gasifying and/or purifying, in particular depolymerizing, plastic material (12), comprising a reactor vessel (14) for holding the plastic material (12) and a heater (18) for heating the plastic material (12) in the reactor vessel (14), the reactor vessel being at least partially filled with a metal bath (26). According to the invention, a deceleration device (24, 32) is provided in an interior (22) of the reactor vessel (14) to decelerate a flow of liquefied plastic material (12) in the reactor vessel (14), said deceleration device (24, 32) having a plurality of elements (25) that are movably arranged in the interior (22).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1322/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF PRODUCTION, APPARATUS AND SYSTEM

(51) International classification	:B65B3/00,G01N33/00
(31) Priority Document No	:12/940,276
(32) Priority Date	:05/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/059202
Filing Date	:03/11/2011
(87) International Publication No	:WO 2012/061626
(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 COCA-COLA COMPANY

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(72)Name of Inventor :

1)BIPPERT, Douglas, A.

(57) Abstract :

There is provided a method of regulating the formulation of a multi-component product comprising a product attribute profile, the method comprising providing a first and second component of the product, each component having a component attribute profile; supplying to a product formulation zone the first component and the second component in a desired ratio and combining the first and second components together to provide the product or a precursor thereof to yield a target product attribute profile; responsive to a change or predicted change in at least one component attribute profile, supplying information concerning the attribute change to a data processing apparatus and calculating with respect to that change an adjustment in the ratio to reduce the deviation of one or more attributes of the product attribute profile from the target product attribute profile. A production system is also provided.

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1249/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RED-HOT COKE RECEIVING AND CONVEYING APPARATUS

(51) International classification	:C10B39/14,C10B39/02
(31) Priority Document No	:2010-252622
(32) Priority Date	:11/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/075129
Filing Date	:01/11/2011
(87) International Publication No	:WO 2012/063674
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FUJITA Shinsuke

2)SEKIGUCHI Takeshi

(57) Abstract :

The purpose of the invention is to obtain a red-hot coke receiving and conveying apparatus having less restrictions on the shape and size of a conveying bucket and capable of efficiently conveying red-hot coke. The red hot coke receiving and conveying apparatus (1) comprises: a conveying bucket (9) mounted on a carriage (7) running on quenching car rails (5) provided along a coke oven (3); a hoisting tower (11) for hoisting the conveying bucket (9); and a coke guide car (13) running on coke guide car running rails (15) provided on the upper both sides of the quenching car rails (5) so as to sandwich the quenching car rails (5). The red-hot coke receiving and conveying apparatus (1) receives the red-hot coke pushed out from the coke oven (3) and conveys the red hot coke to the side of a coke dry quenching facility. The red-hot coke receiving and conveying apparatus (1) has a rail (57) constituting a part of the coke guide car running rails (15) and is equipped with a horizontal movement type rail evacuating and restoring device (17) for evacuating the rail (57) from a position continuing to the coke guide car running rails (15) in a direction departing from the opposing coke guide car running rails (15) and for restoring the rail (57) to the position continuing to the coke guide car running rails (15).

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1250/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HOT-DIP AL-ZN COATED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C23C2/02,C23C2/06,C23C2/12
(31) Priority Document No :2010-263212
(32) Priority Date :26/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077880
 Filing Date :25/11/2011
(87) International Publication No :WO 2012/070694
(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,

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(72)**Name of Inventor :**

1)YOSHIDA Masahiro

2)NAKAMARU Hiroki

(57) Abstract :

Disclosed is an Al-Zn-based hot-dip plated steel sheet having a Si- and Mn-containing steel sheet as the steel sheet base and having excellent plating appearance and corrosion resistance. The content of Al in the Al-Zn plating layer is 20-95 mass%. Also, the Ca content in the aforementioned Al-Zn plating layer is 0.01-10 mass%. Or, the total content of Ca and Mg is 0.01-10 mass%. Furthermore, in the steel sheet surface portion within 100μm from the surface of the steel sheet base directly below the Al-Zn plated layer, there is per side a total of 0.06 g/m² or less oxides of at least one species chosen from Fe, Si, Mn, Al, P, B, Nb, Ti, Cr, Mo, Cu and Ni.

No. of Pages : 51 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1326/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AMMONIA OXIDATION CATALYST WITH LOW N₂O BY-PRODUCT FORMATION

(51) International classification :B01J23/00,B01J23/652,B01J37/02
(31) Priority Document No :10 2010 050 312.6
(32) Priority Date :03/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/068976
Filing Date :28/10/2011
(87) International Publication No :WO 2012/059423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)REICHINGER Markus

2)MALETZ Gerd

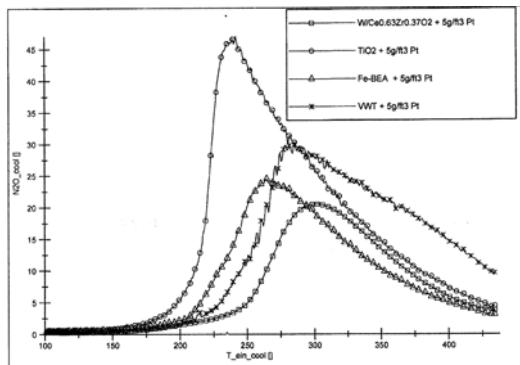
3)WANNINGER Klaus

4)BENTELE Andreas

5)SCHNEIDER Martin

(57) Abstract :

The invention relates to a catalytic composition comprising a noble metal on an acid tungsten containing mixed oxide, to a method for producing the catalytic composition, and to the use of the catalytic composition as an oxidation catalyst. The invention further relates to a catalyst molding which comprises the catalytic composition on a substrate, to a wash coat containing the catalytic composition according to the invention, and to the use of the wash coat for producing a coated catalyst molding.



No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1328/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HUMAN ANTIBODIES TO HUMAN TNF-LIKE LIGAND 1A (TL1A)

(51) International classification	:C07K16/28
(31) Priority Document No	:61/411,276
(32) Priority Date	:08/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/059675
Filing Date	:08/11/2011
(87) International Publication No	:WO 2012/064682
(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)REGENERON PHARMACEUTICALS INC.

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(72)Name of Inventor :

1)CLASSON,Brendan,J.

2)SKOKOS,Dimitris

(57) Abstract :

A fully human antibody or antigen binding fragment of a human antibody that specifically binds and inhibits human TNF like ligand 1A (hTL1A) is provided. The human anti hTL1 A antibodies are useful in treating diseases or disorders associated with TL1 A, such as inflammatory diseases or disorders, such as inflammatory bowel diseases, including ulcerative colitis and Crohn s disease rheumatoid arthritis, and the like; autoimmune diseases or disorders, such as multiple sclerosis, diabetes, and the like; and allergic reactions, such as asthma and allergic lung inflammation.

No. of Pages : 125 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1251/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HOT-DIP AL-ZN COATED STEEL SHEET

(51) International classification :C23C2/06,C23C2/12,C23C8/14
(31) Priority Document No :2010-263211
(32) Priority Date :26/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077882
 Filing Date :25/11/2011
(87) International Publication No :WO 2012/070695
(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,

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(72)Name of Inventor :

1)YOSHIDA Masahiro

2)NAKAMARU Hiroki

(57) Abstract :

Disclosed is an Al-Zn-based hot-dip plated steel sheet having a Si- and Mn-containing steel sheet as the steel sheet base and having excellent plating appearance and corrosion resistance. The content of Al in the Al-Zn plating layer is 20- 95 mass%. Also, the Ca content in the aforementioned Al-Zn plating layer is 0.01-10 mass%. Or, the total content of Ca and Mg is 0.01-10 mass%. Furthermore, in the steel sheet surface portion within 100μm from the surface of the steel sheet base directly below the Al-Zn plated layer, there is per side a total of 0.06-1.0 g/m² oxides of at least one species chosen from Fe, Si, Mn, Al, P, B, Nb, Ti, Cr, Mo, Cu and Ni.

No. of Pages : 58 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1252/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USER EQUIPMENT AND POWER CONTROL METHOD FOR RANDOM ACCESS

(51) International classification :H04W52/24,H04W52/40,H04W74/08
(31) Priority Document No :10-2011-0015602
(32) Priority Date :22/02/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/001339
Filing Date :22/02/2012
(87) International Publication No :WO 2012/115445
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KIM Young Bum
2)HAN Jin Kyu
3)KIM Youn Sun
4)LEE Ju Ho
5)CHO Joon Young

(57) Abstract :

An improved power control method and apparatus of a mobile terminal is provided for facilitating random access procedure in a mobile communication system based on a distributed antenna system. A method includes receiving, by the terminal, system information from a base station, the system information including transmit power information for transmitting a random access preamble; calculating a transmit power using the transmit power information; and transmitting the random access preamble using with the calculated transmit power.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1253/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROL CHANNEL TRANSMISSION METHOD AND APPARATUS FOR TRANSMITTING DEDICATED REFERENCE SIGNAL IN WIRELESS COMMUNICATION SYSTEM

(51) International classification

:H04J11/00,H04B7/26

(31) Priority Document No

:10-2011-0049433

(32) Priority Date

:25/05/2011

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2012/004137

Filing Date

:24/05/2012

(87) International Publication No

:WO 2012/161540

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)Hyoung Ju JI

2)Youn Sun KIM

3)Jin Kyu HAN

4)Young Bum KIM

5)Cheng SHAN

(57) Abstract :

Methods and apparatus for receiving a first control channel and a second control channel in a wireless communication system are provided. Control information for receiving the second control channel from a base station is received through higher layer signaling. A second control channel resource is determined from an entire control channel resource based on the control information. A first control channel resource is determined from the entire control channel resource according to the second control channel resource.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1254/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CUTTING TOOL HAVING A SHANK-MOUNTED ADJUSTMENT RING

(51) International classification	:B23B31/02,B23Q11/00
(31) Priority Document No	:210165
(32) Priority Date	:22/12/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/000906
Filing Date	:27/11/2011
(87) International Publication No	:WO 2012/085904
(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)ISCAR LTD.,

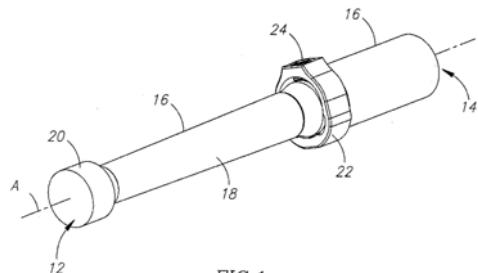
Address of Applicant :P.O. Box 11, 24959 Tefen, ISRAEL

(72)Name of Inventor :

1)HECHT, Gil

(57) Abstract :

A cutting tool has a shank (16) with a circumferential groove and an adjustment ring (22) releasably secured to the shank at the groove. The adjustment ring has a threaded through bore in which a screw (24) is screw mounted and engages the groove. The adjustment ring has an adjustment member which engages the groove and which is positioned diametrically opposite the threaded through bore. When the screw is tightened it exerts a purely radially directed force on the groove thereby inducing displacement of the adjustment member radially inwardly and the adjustment member exerts non- radially directed forces on the groove, thereby inducing a bending moment on the shank for correction of radial runout.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1332/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND WIRELESS BASE STATION.

(51) International classification	:H04W 16/16
(31) Priority Document No	:2010-235976
(32) Priority Date	:20/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/074097
Filing Date	:20/10/2011
(87) International Publication No	:WO 2012/053574
(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)NTT DOCOMO, INC.

Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku,
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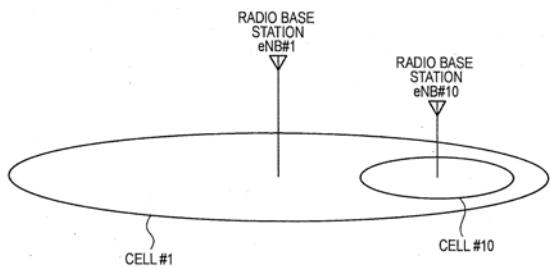
(72)Name of Inventor :

1)TAKAHASHI, HIDEAKI

2)ABE,TETSUSHI

(57) Abstract :

A mobile communication method according to the present invention includes a step of setting, by a radio base station eNB#10, when a subframe designated by a pattern of ABS, the pattern being notified by a radio base station eNB#1, matches a subframe set as an MBSFN subframe, the matching subframe as an MBSFN subframe used for eICIC.



No. of Pages : 32 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1261/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUID COMPOSITIONS THAT CAN FORM A COATING HAVING ANTIVIRAL PROPERTIES

(51) International classification	:A01N25/04,A01N63/02,A01N65/00
(31) Priority Document No	:10 59195
(32) Priority Date	:08/11/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2011/054927
Filing Date	:04/11/2011
(87) International Publication No	:WO 2012/063176
(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)ARJOWIGGINS SECURITY

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Boulogne Billancourt, FRANCE

(72)Name of Inventor :

1)ROSSET, Henri

(57) Abstract :

The aim of the present invention is to provide a fluid composition that can form a coating said composition being characterised in that it contains, at least in a solvent medium, an effective amount of at least one natural virucide selected from among lauric acid monolaurin, lactoferrin and essential oils having antiviral activity and/or one of the precursors thereof, said composition having a viscosity of 30 mPa.s to 40 Pa.s at room temperature and pressure.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1262/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TECHNIQUE FOR TERMINATING CALL SET UP IN A CSFB SITUATION

(51) International classification :H04W8/08,H04W76/02
(31) Priority Document No :61/389,856
(32) Priority Date :05/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/002557
 Filing Date :23/05/2011
(87) International Publication No :WO 2012/045375
(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)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :S-164 83 Stockholm, SWEDEN

(72)Name of Inventor :

1)KELLER, Ralf

2)RANKE, Karl-Peter

3)WITZEL, Andreas

(57) Abstract :

A technique for controlling set up of a terminating call to a UE in a CSFB situation involving a first MSC paging the UE and a second MSC where the UE is performing a Location Update is described. A method implementation of this technique comprises receiving, from an HLR a PRN message and forwarding information received in the PRN message to the second MSC.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1263/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-VIEW ENCODING AND DECODING TECHNIQUE BASED ON SINGLE-VIEW VIDEO CODECS

(51) International classification	:H04N7/26,H04N7/50	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S-164 83 Stockholm, SWEDEN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2010/006072	(72) Name of Inventor :
Filing Date	:05/10/2010	1)RUSERT, Thomas
(87) International Publication No	:WO 2012/045319	2)PRIDDLE, Clinton
(61) Patent of Addition to Application Number	:NA	3)WU, Zhuangfei
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A technique for encoding and decoding data pertaining to multiple video views is presented. A method embodiment of the encoding technique comprises the steps of providing first picture stream belonging to a first view and performing a first encoding operation to encode a picture of the first picture stream. The first encoding operation is based on a single view video codec and provides encoder state information relevant for the encoding of another picture of the first picture stream. Also provided is a second picture stream belonging to a second video view. A second encoding operation is performed to encode a picture of the second picture stream based on the single view video codec, wherein the second encoding operation is based on the encoder state information provided by the first encoding operation. On the basis of the encoded picture of the first picture stream and encoded picture of the second picture stream, dedicated video streams are generated.

No. of Pages : 45 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1264/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RETROFIT CAVITY WALL BARRIER

(51) International classification	:E04B1/70
(31) Priority Document No	:1016512.4
(32) Priority Date	:01/10/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001375
Filing Date	:21/09/2011
(87) International Publication No	:WO 2012/042193
(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)RIGGS, Christopher John

Address of Applicant :2 Milton Abbas, Blandford Forum,
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(72)Name of Inventor :

1)RIGGS, Christopher John

(57) Abstract :

A fitting (1) for a cavity wall within a building comprises elongate member adapted to be supported within the cavity wall, two adjacent limbs being formed with a plurality of holes (4) extending along the length of the fitting so as to allow insulation into the fitting (1) the other adjacent limbs form a V-shape channel top of the fitting when installed, to collect water and to direct it to the ends of the fitting and out through the boundary wall of the cavity wall. The fitting (1) is of Cruciform cross section. The fitting is placed in the cavity retrospectively. The Cruciform is provided almost flat from a reel when entering the cavity, then springs into the cruciform cross section when the elongate member is straitening in the cavity, and fit tightly within the cavity. Further, the fitting can be inserted into the cavity wall from inside the building or outside the building.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1339/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOTIFICATION METHOD ,USER TERMINAL, AND WIRELESS BASE STATION

(51) International classification :H04W28/16,H04W72/04,H04W84/10
(31) Priority Document No :2010-250144
(32) Priority Date :08/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075657
Filing Date :08/11/2011
(87) International Publication No :WO 2012/063792
(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)NTT DOCOMO, INC.

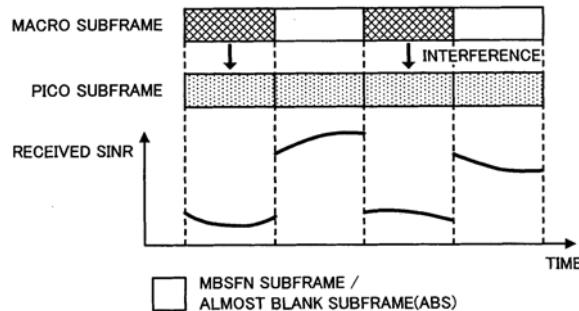
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(72)Name of Inventor :

1)ABE,Tetsushi
2)IWAMURA,Mikio
3)TAKAHASHI,Hideaki
4)ISHII,Hiroyuki
5)NAGATA,Satoshi
6)OOKUBO,Naoto
7)MIKI,Nobuhiko
8)UMESH,Anil

(57) Abstract :

While ensuring the reception of system information by a user terminal which performs handover to a micro base station by Cell Range Expansion (CRE), the number of transmission stop subframes at a macro base station is reduced. This notification method is a method wherein a user terminal can receive change notification information which notifies a change of system information from a micro base station, and wherein the method comprises: a step that a macro base station notifies the micro base station of a subframe pattern including one protection subframe which can protect the change notification information for a plurality of radio frames; and a step that the micro base station notifies the user terminal of specific information of the protection subframe in the subframe pattern.



No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1259/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROLLBACK PREVENTION CONTRAL DEVICE AT STARTING OF AN ELECTRICALLY DRIVEN VEHICLE

(51) International classification :B60L7/24,B60T7/12,B60T8/17
(31) Priority Document No :2010-249341
(32) Priority Date :08/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071837
 Filing Date :26/09/2011
(87) International Publication No :WO 2012/063564
(61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
(62) Divisional to Application
 Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)KAZAMA Isamu

2)NAKAZAWA Shinsuke

3)YOSHIMURA Futoshi

(57) Abstract :

In an electrically driven vehicle propelled by an electric machine (motor)equipped with a collaborative braking system of regenerative and frictional braking capacities, in order to achieve the rollback prevention at starting on an sloping road, when the regenerative braking is not available due to charging restriction to battery, frictional braking is used instead of regenerative braking and wheels are (automatically, i.e. not manually by driver) braked with friction to prevent the rollback. Moreover, in addition to braking wheels by frictional braking, further control is performed to adjust and match the magnitude of frictional braking force to a braking force in accordance with the starting operation. Thus, at the time of rollback prevention by the frictional braking as well, the similar prevention of rollback will be possible as the prevention by way of regenerative braking such that the effect of rollback prevention may be achieved without a feel of discomfort.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1260/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESSES FOR PREPARING IMPROVED COMPOSITIONS

(51) International classification	:A61K9/51
(31) Priority Document No	:1016765.8
(32) Priority Date	:05/10/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/001441
Filing Date	:04/10/2011
(87) International Publication No	:WO 2012/045994
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)RANNARD, Steven Paul

2)DUNCALF, David

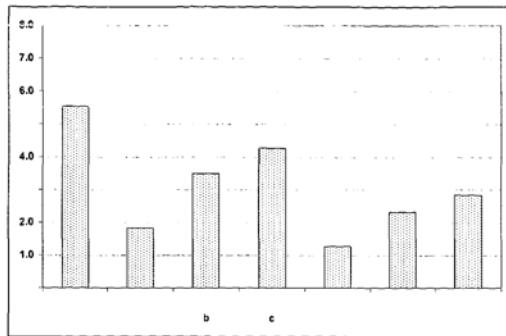
3)FOSTER, Alison Jayne

4)LONG, James

5)WANG, Dong

(57) Abstract :

The invention provides a method for preparing an improved composition comprising at least one active agent and at least one solid carrier material, wherein the active agent is dispersed through the carrier material in nano disperse form which method comprises the steps of: (a) forming a liquid mixture comprising the active agent, the carrier material, a stabilizing agent, a first solvent for the active agent and the stabilizing agent and, a second solvent for the carrier material, and (b) drying the liquid mixture to remove the first and second solvents to obtain a substantially solvent free nano dispersion of the active agent with the stabilising agent in the carrier material wherein the stabilizing agent is capable of stabilizing the active agent in the liquid mixture during drying and in a resultant liquid nano dispersion of the improved composition.



No. of Pages : 65 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1336/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SULFONIUM ION BASED ELECTROPHILIC REAGENTS FOR MONOHALOMETHYL GROUP TRANSFER ,THEIR PREPARATION AND USES

(51) International classification	:C07C381/12,C07J31/00
(31) Priority Document No	:105356
(32) Priority Date	:27/10/2010
(33) Name of priority country	:Portugal
(86) International Application No	:PCT/GB2011/001541
Filing Date	:27/10/2011
(87) International Publication No	:WO 2012/056201
(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)HOVIONE INTER LIMITED

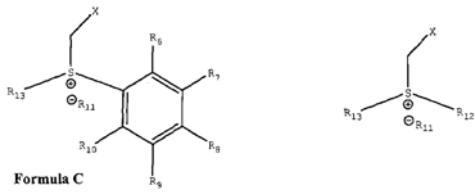
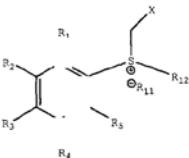
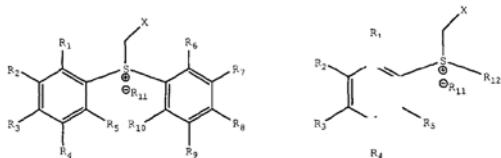
Address of Applicant :Bahnhofstrasse 21, CH-6000 Lucerne 7 Switzerland

(72)Name of Inventor :

1)LEITO Emilia Perpétua Tavares

(57) Abstract :

The invention provides electrophilic monohalomethylating reagents, methods for their preparation and methods for preparation of monohalomethylated biologically active compounds using such reagents. Typical monohalomethyl groups transferred are FH₂C-, CIH₂C- and others. The reagents used for transferal of the groups are described by Formulae A-D : wherein: X = F, Cl, Br, I, sulfonate esters, phosphate esters or another leaving group; R₁₁ = tetrafluoroborates inflates, halogen, perchlorate, sulfates phosphates or carbonates The other variables are as defined in the claims.



No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1337/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USER TERMINAL, WIRELESS BASE STATION, AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04W24/00,H04W68/02,H04W84/10
(31) Priority Document No :2010-250874
(32) Priority Date :09/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075659
Filing Date :08/11/2011
(87) International Publication No :WO 2012/063793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ABE,Tetsushi

2)NAGATA,Satoshi

3)MIKI,Nobuhiko

4)OOKUBO,Naoto

(57) Abstract :

Provided is a HetNet wherein high quality transmission of paging to a user terminal, and effective transmission of CSI RS are performed so that UL HARQ can be efficiently performed. A wireless communication method is provided with: a step for transmitting from a micro base station arranged in a macro cell and forming a micro cell smaller than the macro cell, to a user terminal, a signal comprising a CSI RS subframe including CSI RS and a paging subframe including change notification information which indicates the change of system information, as well as a control signal indicating that when the timing of the CSI RS subframe matches the timing of the paging sub frame, CSI-RS is not measured; and a step for determining a CSI RS subframe in which the CSI RS is to be measured on the basis of the control signal when the timing of the CSI RS subframe matches the timing of the paging subframe in the user terminal.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1275/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STABLE AND SOLUBLE ANTIBODIES

(51) International classification	:C07K16/24
(31) Priority Document No	:61/405,798
(32) Priority Date	:22/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH2011/000256
Filing Date	:24/10/2011
(87) International Publication No	:WO 2012/051734
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Wagistrasse 21, CH-8952 Schlieren Switzerland

(72)Name of Inventor :

1)BORRAS, Leonardo

2)URECH, David

(57) Abstract :

The disclosure provides antibodies that are modified to reduce aggregation propensity and methods of producing such antibodies. The present disclosure also provides particularly stable and soluble scFv antibodies and Fab fragments specific for TNF which comprise specific light chain and heavy chain sequences that are optimized for stability solubility in vitro and in vivo binding of TNF and low immunogenicity. The nucleic acids vectors and host cells for expression of the recombinant antibodies of the disclosure methods for isolating them and the use of said antibodies in medicine are also disclosed.

No. of Pages : 74 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1276/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MEDICAL DEVICE

(51) International classification	:A61N2/12
(31) Priority Document No	:U201031019
(32) Priority Date	:14/10/2010
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2011/070707
Filing Date	:13/10/2011
(87) International Publication No	:WO 2012/049348
(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)FRADERA PELLICER, Carlos

Address of Applicant :Residencial El Cortalet Edificio A.
Esc.E, 2º 3ª, L'aldosa-la Massana ANDORRA

(72)Name of Inventor :

1)FRADERA PELLICER, Carlos

(57) Abstract :

The invention relates to a medical device comprising a generator for generating a magnetic field to be applied to a patient and a supporting structure (2) for the patient. According to the invention, a magnetic field generating head (6) is associated with the supporting structure (2) and can be moved gradually and repeatedly, guided mechanically and/or manually, into a position at a distance from the patient, following a trajectory defined by a bearing guide (5) secured to the supporting structure (2). The trajectory defined by the head (6) extends transversely and/or longitudinally along the length of the surface of the body of the patient to be treated with the magnetic field.

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1277/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GESTURE SUPPORT FOR SHARED SESSIONS

(51) International classification :G06F9/44,G06F3/01,G06F3/048
(31) Priority Document No :61/389,985
(32) Priority Date :05/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054963
Filing Date :05/10/2011
(87) International Publication No:WO 2012/048028
(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)CITRIX SYSTEMS, INC.

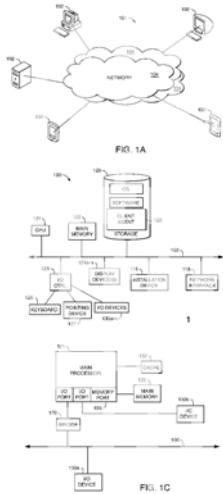
Address of Applicant :851 West Cypress Creek Rd., Fort Lauderdale, FL 33309 U.S.A.

(72)Name of Inventor :

1)MOMCHILOV, Georgy

(57) Abstract :

Methods and systems for providing gesture support for shared sessions are shown and described. One method includes facilitating the establishment of a first and second connection with a first and second computing device negotiating gesture capabilities with the first and second computing devices, receiving gesture inputs from the first and second computing devices, reconciling the gesture inputs, and transmitting a modified shared session window to the first and second computing devices.



No. of Pages : 32 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1278/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR SEPARATING FERROMAGNETIC PARTICLES FROM A SUSPENSION

(51) International classification :B03C1/28,B03C1/033,B03C1/24
(31) Priority Document No :10 2010 061 952.3
(32) Priority Date :25/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/070482
Filing Date :18/11/2011
(87) International Publication No :WO 2012/069387
(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

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GERMANY

(72)Name of Inventor :

1)DANOV Vladimir

2)HARTMANN Werner

3)KRIEGLSTEIN Wolfgang

4)SCHRÖTER Andreas

(57) Abstract :

The invention relates to a device for separating ferromagnetic particles (4) from a suspension (6), comprising a tubular reactor (8) through which the suspension can flow and which has an inlet (10) and an outlet (12), and a means (14) for generating a magnetic field (16) along an inner reactor wall (18), and a displacement body (20) arranged in the interior of the reactor (8). Means (22) for generating a magnetic field (16) are provided on the displacement body (20) on an outer wall (24) of the displacement body (20).

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1350/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PRECOMPRESSION PUMP MECHANISMS

(51) International classification	:B05B11/02
(31) Priority Document No	:61/405,011
(32) Priority Date	:20/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/056992
Filing Date	:20/10/2011
(87) International Publication No	:WO 2012/054670
(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 CALMAR,INC.

Address of Applicant :501 South 5th Street,
Richmond,Virginia 23219-0501 U.S.A.

(72)Name of Inventor :

1)FANECA LLESERA,Oscar

(57) Abstract :

Pump engines made of recyclable materials and offering a metal free fluid or product flow path include precompression means for applying precompression forces to a fluid being distributed thereby.

No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1351/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VEHICLE BATTERY DIAGNOSIS APPARATUS

(51) International classification :B60L3/00,B60L11/18,G01R31/36
(31) Priority Document No :2010-251648
(32) Priority Date :10/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073834
Filing Date :17/10/2011
(87) International Publication No :WO 2012/063606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)FUJITA,Takeshi
2)HIROSE,Hideaki
3)HIDAKA,Masanobu
4)GOTO,Hironao
5)SAKURAI,Toshimine
6)SHIMAYAMA,Takashi

(57) Abstract :

Provided is a diagnosis apparatus (1) for a vehicle battery, which diagnoses the history of the used state of a rechargeable battery (V1) mounted on a vehicle (V), and presents to the vehicle (V) measures to be taken to inhibit deterioration of the battery, and which is equipped with: a storing means (13) for storing therein substitution inhibiting measures to be taken for the cause of the deterioration of the battery; and a diagnosing means (14) for prohibiting, when the extracted substitution inhibiting measures to be taken does not satisfy a prescribed presentation criterion, the presentation of the measures to be taken.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1279/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND MEASURING DEVICE FOR VOLUME MEASUREMENT AND EVALUATION

(51) International classification	:G01F3/10,G01D5/244	(71) Name of Applicant : 1)VSE VOLUMENTECHNIK GMBH Address of Applicant :HönnestraBe 47, 58804 Neuenrade, GERMANY
(31) Priority Document No	:20 2010 015 598.3	
(32) Priority Date	:19/11/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/069674	(72) Name of Inventor :
Filing Date	:08/11/2011	1)KIRCHERTZ, Jörg
(87) International Publication No	:WO 2012/065883	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for measuring the volumetric flow (Q) of a fluid in a preferred direction by means of a volume measurement device with an electronic circuit and an incremental encoder, a sensor for detecting a rotational change of angle preferably designed as two giant magnetoresistance (GMR) sensors in a double measuring bridge, wherein a first sinusoidal signal of the incremental encoder (102), namely a raw sine signal (S1), and a second sinusoidal signal of the incremental encoder (102) with identical angular frequency which is phase shifted by 90° relative to the first signal (S1), namely a raw cosine signal (S1), are generated, wherein said signals are preferably initially conditioned (103, S1+) interpolated/digitised (104, S2), and said digital signals (S2) are processed and evaluated in an evaluation unit, preferably in a process computer unit having a quadrature encoder counter (108). The invention further relates to a method for measuring a volumetric flow by means of a quadrature signal, comprising a first signal from a first sensor and a second signal from a second sensor having identical angular frequency which are phase shifted by 90° relative to one another, wherein the quadrature signal serves to determine the flow (Q) of a fluid in a preferred direction by a volume measurement device with an electronic circuit. The invention further relates to a volume measurement device for carrying out a measurement method and to a programmable process computer unit having at least one quadrature encoder interface/quadrature encoder counter (108) for use in a volume measurement device for measuring a volumetric flow.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1354/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR DYEING KERATIN FIBRES USING RESORCINOL DERIVATIVES ,SULFATE SALTS, AN OXIDIZING AGENT AND A BASIFYING AGENT

(51) International classification :A61K8/31,A61K8/34,A61K8/368
(31) Priority Document No :1060793
(32) Priority Date :20/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/071744
Filing Date :05/12/2011
(87) International Publication No :WO 2012/084473
(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)L'OREAL

Address of Applicant :14 rue Royale, F-75008 Paris,
FRANCE

(72)Name of Inventor :

1)SABELLE,Stéphane
2)RONDOT,Christophe

(57) Abstract :

The invention relates to a process for dyeing keratin fibres, especially the hair, using i) at least one resorcinol derivative, ii) at least one particular sulfate salt, iii) at least one oxidizing agent and iv) at least one basifying agent. Another subject of the invention is a cosmetic composition for dyeing keratin fibres, comprising ingredients i) to iv) as defined previously. Another subject of the invention is a multi-compartment device comprising ingredients i), ii), iii) and iv). This dyeing process affords better colorations, which are chromatic, strong and fast, without the use of oxidation bases such as para-phenylenediamines and para-aminophenols.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1355/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HYDRAULIC CIRCUIT AND METHOD FOR CONTROLLING A GYRATORY CONE CRUSHER

(51) International classification :B02C2/02,B02C2/04,B02C2/08
(31) Priority Document No :1051348-9
(32) Priority Date :20/12/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051394
 Filing Date :21/11/2011
(87) International Publication No :WO 2012/087219
(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)SANDVIK INTELLECTUAL PROPERTY AB

Address of Applicant :SE-811 81 Sandviken,SWEDEN

(72)Name of Inventor :

1)SJÖBERG,Patrik

2)TORRES,Mauricio

(57) Abstract :

The present disclosure relates to a method for operating a gyratory cone crusher as well as a hydraulic circuit suitable for carrying out the method. A crusher comprises an inner crusher shell and an outer crusher shell, which define a crusher gap, and the crusher gap size is maintained by means of a hydraulic cylinder, and, in case the hydraulic liquid pressure exceeds a pressure threshold, hydraulic liquid is evacuated from the cylinder to increase the crusher gap size. The method involves carrying out detection of a tramp iron processing condition, implying that matter which the crusher cannot process has entered the gap. If such a condition is detected, the pressure threshold is lowered during a period of time. This means that the crusher gap is opened quicker, such that the matter that cannot be crushed is removed from the crusher, which is thereby protected from potentially detrimental impacts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1360/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRIC PLUG CONNECTOR FOR THERMOCOUPLES, AND METHOD FOR PRODUCING SAME

(51) International classification	:G01K7/02	(71) Name of Applicant :
(31) Priority Document No	:10 2010 052 478.6	1)PHOENIX CONTACT GMBH & CO. KG
(32) Priority Date	:26/11/2010	Address of Applicant :Flachsmarkstrasse 8, 32825 Blomberg,GERMANY
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/005941	(72) Name of Inventor :
Filing Date	:25/11/2011	1)ZINK,Fabian
(87) International Publication No	:WO 2012/069205	
(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 electric plug connector for electrically connecting at least one first and a second thermocouple conductor, comprising at least one electrically conductive first and second contacting means. The first thermocouple conductor is to be connected to the first contacting means, and the second thermocouple conductor is to be connected to the second contacting means. The connector also comprises at least one first electric temperature sensor which is provided with a temperature sensing region and at least one first and one second electric contact, at least one part of the temperature sensing region of the first temperature sensor being directly connected to the first contacting means by a joint.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1361/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RESCUE DESCENDER SYSTEM

(51) International classification	:A62B1/10
(31) Priority Document No	:1019462.9
(32) Priority Date	:18/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/052256
Filing Date	:18/11/2011
(87) International Publication No	:WO 2012/066345
(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)LATCHWAYS PLC

Address of Applicant :Hopton Park, Devizes Wiltshire SN10
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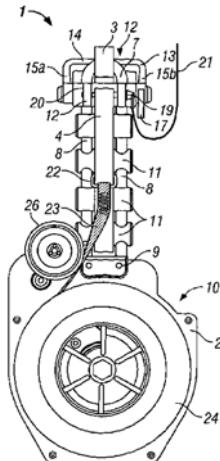
(72)Name of Inventor :

1)JONES,Owain

2)JONES,Karl

(57) Abstract :

A descender system, typically for use in a fall arrest system, for enabling a suspended body to be lowered includes a rotatable descent line drum, and a release element arranged in a restraint configuration to inhibit the descent line from being deployed and in a release configuration to permit the descent line to be deployed. A rotating brake applies a braking force to the rotatable descent line drum; a gear train connects the brake to the drum. The gear train is provided in a substantially watertight sealed space. Typically, a substantially watertight seal is provided between a backplate of the rotating drum and a chassis of the device. Typically the substantially watertight seal is of a material that is deformable/compressible, preferably at temperatures at or below -20 Celsius.



No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1362/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification :F02B37/013,F02B37/10,F02B37/16
(31) Priority Document No :10 2010 043 027.7
(32) Priority Date :27/10/2010
(33) Name of priority country:Germany
(86) International Application No :PCT/EP2011/005310
Application Filing Date :21/10/2011
(87) International Publication No :WO 2012/055514
(61) Patent of Addition to Application Number :NA
Application Filing Date :NA
(62) Divisional to Application Number :NA
Application Filing Date :NA

(71)Name of Applicant :

1)MTU FRIEDRICHSHAFEN GMBH

Address of Applicant :Maybachplatz 1, 88045 Friedrichshafen, GERMANY

(72)Name of Inventor :

1)HEIERMANN,Jrg

(57) Abstract :

In summary, the invention relates to an internal combustion engine (100,200) having: a combustion engine (10) with an exhaust-gas side (AG) and a charge fluid side (LL), a supercharging system comprising: -an exhaust-gas turbocharger (20) for supercharging the combustion engine (10) with a compressor arrangement on the charge fluid side (LL) and a turbine arrangement on the exhaust-gas side (AG), - a compressor (41), the primary side (41.1) of which is connected on the charge fluid side (LL) and the secondary side (41.2) of which is connected on the exhaust-gas side (AG). According to the invention, it is provided here that the supercharging system also comprises: -an exhaust-gas recirculation means (30) with a recirculation line (39) for exhaust-gas from the exhaust gas side (AG) of the combustion engine (10) to the charge fluid side (LL) of the combustion engine (10); and, for the two-stage supercharging of the combustion engine (10), the exhaust-gas turbocharger (20) has a low-pressure stage (ND) and a high-pressure stage (HD), wherein the low-pressure stage (ND) has a low-pressure compressor (22) of the compressor arrangement, which low-pressure compressor (22) is driven by a low-pressure turbine (21) of the turbine arrangement, and the high-pressure stage (HD) has a high-pressure compressor (24) of the compressor arrangement, which high-pressure compressor (24) is driven by a high-pressure turbine (23) of the turbine arrangement, and wherein the compressor (41) is configured for compressing charge fluid from the low-pressure stage (ND) and feeding the compressed charge fluid to the high-pressure stage (HD), wherein its primary side (41.1) is connected on the secondary side (22.1) of the low-pressure compressor (22) and its secondary side (41.2) is connected on the primary side (23.1) of the high-pressure turbine (23).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1255/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUTED DRILL AND FLUTED DRILL CUTTING HEAD THEREFOR

(51) International classification	:B23B51/02
(31) Priority Document No	:209924
(32) Priority Date	:12/12/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/000917
Filing Date	:01/12/2011
(87) International Publication No	:WO 2012/081003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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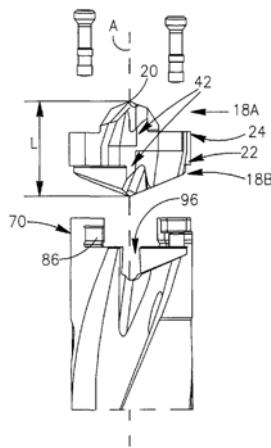
(72)Name of Inventor :

1)HECHT, Gil

2)CHEN, Danny

(57) Abstract :

A fluted drill has a drill body (12) with a fluted drill cutting head (14) removably secured thereto. The cutting head has two drilling portions (18A, 18B) facing axially opposite directions. In axial view (A), the cutting head has at least four through openings. Each drilling portion includes a plurality of head flute portions (42) and a plurality of cutting head coupling portions (19).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1256/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTROLYTE FORMULATIONS

(51) International classification	:H01G9/038,H01G9/035,C07C211/63
(31) Priority Document No	:100111965.0
(32) Priority Date	:30/09/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/004419
Filing Date	:01/09/2011
(87) International Publication No	:WO 2012/041437
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Frankfurter Strasse 250, 64293 Darmstadt, GERMANY

(72)Name of Inventor :

1)KAWATA, Kentaro

2)IGNATYEV, Nikolai (Mykola)

3)SCHULTE, Michael

4)YOSHIZAKI, Hiroki

(57) Abstract :

The present invention relates to electrolyte formulations comprising at least one imidazolium fluorotricyanoborate or pyrrolidinium fluorotricyanoborate and their use in an electrochemical and/or optoelectronic device such as a photovoltaic cell, a light emitting device, an electrochromic or photo- electrochromic device, an electrochemical sensor and/or biosensor, preferably their use in a dye or quantum dot sensitized solar cell.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1257/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POSITION MEASURING SYSTEM AND ASSOCIATED MEASURING METHOD FOR DETECTING AN INDICATED POSITION OF A LINEARLY MOVABLE GUIDE ELEMENT

(51) International classification	:G01D5/20,G01F23/74
(31) Priority Document No	:10 2010 050 765.2
(32) Priority Date	:10/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/005349
Filing Date	:24/10/2011
(87) International Publication No	:WO 2012/062409
(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)AREVA NP GMBH

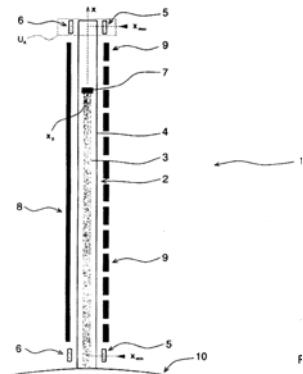
Address of Applicant :Paul-Gossen-Strasse 100 91052 Erlangen, GERMANY

(72)Name of Inventor :

1)REYMANN, Markus

(57) Abstract :

The invention relates to a position measuring system (1) for detecting an extremal position (X_{min} , X_{max}) of a guide rod (3) which extends along a path (x) that is rectilinear relative to the guide system (2) and can be moved along the rectilinear path (x), wherein said system operates particularly reliably, and requires a minimum of electrical lines. The position measuring system (1) is equipped with a plurality of sensor elements (5) and at least one magnetic element (7), wherein the magnetic element (7) is designed to form a magnetic field (H), the magnetic element (7) is connected to the guide rod (3), the or each sensor element (5) is designed to detect a magnetic field (H) within a detection region, the field strength of said magnetic field being greater at the location of the sensor element (5) than a predefined threshold value, and at least one sensor element (5) is connected to the guide system (2) and is arranged in an environment (U_x) of the path (x). The invention further relates to a corresponding measuring method.



No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1258/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NASAL DILATOR

(51) International classification	:A61M29/00
(31) Priority Document No	:12/916,538
(32) Priority Date	:30/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/058495
Filing Date	:30/10/2011
(87) International Publication No	:WO 2012/058660
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :651 N. Oxford Ave. Clovis, CA 93611,
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(72)Name of Inventor :

1)JUDD, Brian

(57) Abstract :

A nasal dilator is provided that can be used primarily for exercise and secondarily rest/sleep. It may be designed as a resilient bridge between two arms that enter the nostril then expand the nostril outward and upward. In one embodiment the dilator is flexible and the feet are brought together when inserted and when released they return outward and press against the nasal wall thus opening the nostrils. The feet may have an offset from the arm to deeper engage the nostril which helps to prevent the dilator from slipping off. Also the inside face of the feet and arm that run parallel to the septum wall may be generally flat to prevent irritation to the septum wall if pressed up against the septum wall. The easy to use and reusable nasal dilator can be used by athletes to better performance through improved utilization and flow of air.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1372/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUID POWER GENERATION SYSTEM HAVING A GENERATOR WITH AN ELECTRICAL-CHARGE-PRODUCING MATERIAL

(51) International classification :F03B17/06,F03D5/00,F03G7/08
(31) Priority Document No :12/902,308
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055684
Filing Date :11/10/2011
(87) International Publication No:WO 2012/051141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :143 Jonathan Blvd. North, Suite 200, Chaska,Minnesota 55318 U.S.A.

(72)Name of Inventor :

1)ALLAEI,Daryoush

(57) Abstract :

An embodiment of a fluid power generation system has a generator comprising an electrical-charge producing material and a pair of end boundary constraints. One of the end boundary constraints of the pair of end boundary constraints is physically coupled to the electrical-charge producing material adjacent to an end of the electrical-charge producing material and the other one of the pair of end boundary constraints is physically coupled to the electrical charge-producing material adjacent to an opposite end of the electrical-charge- producing material. For some embodiments, the end boundary constraints may be active or passive. For other embodiments, at least one of the end boundary constraints may be electrically coupled to a controller for adjusting vibration characteristics of the generator.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1366/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BACTERIAL RIBONUCLEIC ACID CELL WALL COMPOSITIONS AND METHODS OF MAKING AND USING THEM

(51) International classification :C12N1/20,A61K35/74,A61K39/04
(31) Priority Document No :61/392,498
(32) Priority Date :13/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/054539
Filing Date :13/10/2011
(87) International Publication No :WO 2012/049654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PHILLIPS,Nigel C.

2)KE,Danbing

3)HOLAN,Zdenek Richard

4)FILION,Mario C.

5)ELRAFIH,Mohamed

6)VELJI,Iqubal

(57) Abstract :

The present invention relates to novel mycobacterial compositions containing RNA and cell walls, and methods for making and using these compositions. These compositions have immune stimulating and anti-cancer activity. The present invention also relates to a synthetic medium for the cultivation of mycobacteria.

No. of Pages : 138 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1367/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE TERMINAL DEVICE AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W28/04,H04J1/00,H04J11/00
(31) Priority Document No :2010-250156
(32) Priority Date :08/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072759
Filing Date :03/10/2011
(87) International Publication No :WO 2012/063574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)OOKUBO,Naoto

2)ISHII,Hiroyuki

3)ABE Tetsushi

4)KISHIYAMA Yoshihisa

5)TAKEDA Kazuaki

(57) Abstract :

A mobile communication system having a system band constituted by a plurality of standard frequency blocks, wherein communication operation instability resulting from false detection of PDCCH is prevented. A mobile terminal device (10) comprises a falling control signal decoder (104) that determines wireless resources designated using the ARI (ACK/NACK Resource Indicator) of a PDCCH allocated to the plurality of standard frequency blocks (CC), and a retransmission response signal transmission control unit (105) that on the basis of wireless resources designated using an ARI field, controls transmission of a retransmission response signal to a PDSCH allocated to a plurality of standard frequency blocks (CC), wherein, in a case where different wireless resources are included in the wireless resources designated using the plurality of ARI fields the retransmission response signal transmission control unit (105) restricts the transmission of retransmission response signals to the PDSCH allocated to all the standard frequency blocks (CC).

No. of Pages : 64 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1368/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR FOLDING COMPOSITE OF CONTINUOUS SHEET RELATING TO ABSORPTIVE PRODUCT

(51) International classification	:A61F13/15,A61F13/472
(31) Priority Document No	:2010-245277
(32) Priority Date	:01/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/074516
Filing Date	:25/10/2011
(87) International Publication No	:WO 2012/060249
(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)UNI-CHARM CORPORATION

Address of Applicant :182,Kinseichoshimobun,Shikokuchuo-shi,Ehime 7990111,JAPAN.

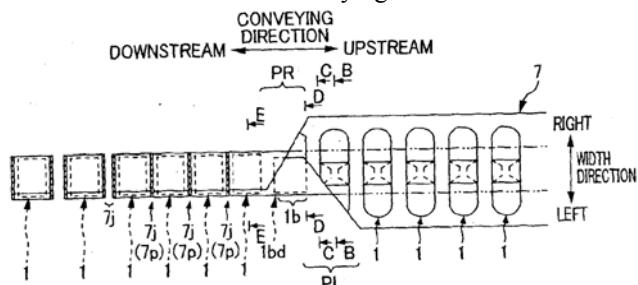
(72)Name of Inventor :

1)MURAKAMI,Seiji

2)YAMAMOTO,Hirotomi

(57) Abstract :

The present invention provides a folding apparatus with which, when a continuous sheet composite formed by intermittently placing a plurality of objects at a predetermined pitch on a continuous sheet relating to an absorptive product is carried in the direction of continuation of the sheet, at least one width- direction end section of the continuous sheet is folded together with one width direction end section of the placed objects. The folding apparatus comprises: an upright positioning guide member which is disposed at a predetermined carrying-direction position and guides the one width direction end section of the composite into an upright position by bending a predetermined width direction portion of the composite; a folding guide member which is disposed at a predetermined carrying direction position corresponding to the one end section that has been guided into an upright position, and which folds the one end section that has been guided into an upright position by folding said one end section downward toward a section on the other side of the composite; and a movement regulating guide member which comes into contact with the composite from the one end section of the composite when the one end section of the composite is folded downward toward the section on the other side of the composite, and thereby regulates movement toward the one end section of the composite. The movement regulating guide member is a roller member which rotates in the carrying direction or a belt member which moves in the carrying direction.



No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1369/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE TERMINAL DEVICE ,BASE STATION APPARATUS, AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W24/10,H04W16/32,H04W84/10
(31) Priority Document No :2010-250095
(32) Priority Date :08/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075606
Filing Date :07/11/2011
(87) International Publication No :WO 2012/063780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)NAGATA,Satoshi

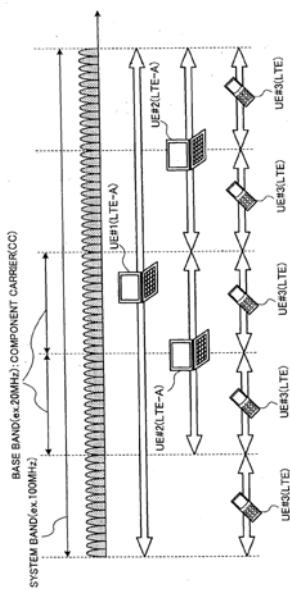
2)ABE,Tetsushi

3)OHWATARI,Yusuke

4)MIKI,Nobuhiko

(57) Abstract :

Provided is a mobile terminal device, a base station apparatus, and a communication control method that support the next-generation mobile communication system, and wherein control conforming to interference reduction in a hierarchy type network such as HetNet can be implemented. The mobile terminal device is provided with: a reception unit (103) for receiving a wireless frame of a pico-cell in which protected subframes, wherein transmission is inhibited by a macro-cell, and non-protected subframes, wherein transmission is not inhibited by a macro-cell, are mixed together; a measurement unit (112) for measuring reception qualities of each of the protected subframes and non-protected subframes, from reference signals multiplexed thereto; a feedback information reduction unit (114) for calculating a difference value between the reception qualities of the protected subframes and the non protected subframes; and a transmission unit (103) for notifying the base station apparatus (20B) of reception quality information about the protected subframes, and the difference value calculated by the feedback information reduction unit (114).



No. of Pages : 79 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1307/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SI BASED NEGATIVE ELECTRODE MATERIAL

(51) International classification	:H01M4/38,H01M4/134,H01M10/0525
(31) Priority Document No	:61/408,118
(32) Priority Date	:29/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/068828
Filing Date	:27/10/2011
(87) International Publication No	:WO 2012/055948
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GILLES, Michael

2)DRIESEN,Kris

3)PUT,Stijn

(57) Abstract :

A negative electrode active material for a lithium ion battery having the composition formula $SiaSnbNicTiyMmCz$, wherein a, b, c, y, m and z represent atomic % values, wherein M is either one of more of Fe, Cr and Co, and wherein $a>0$, $b>0$, $z>0$, $y\geq 0$, $0\leq m\leq 1$, $c > 5$, $z + 0.5b > a$ and $c + y > 0.75b$. The process for preparing the active material comprises the steps of: - providing a mixture of elemental and/or alloyed powders of the elements in the composition $SiaSnbNicTiyMmCz$, and - high energy milling under non-oxidizing conditions of the powder mixture.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1308/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BENZIMIDAZOLE DERIVATIVES AS PI3 KINASE INHIBITORS

(51) International classification :A01N43/52,A61K31/4164
(31) Priority Document No :61/390,314
(32) Priority Date :06/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052857
 Filing Date :23/09/2011
(87) International Publication No :WO 2012/047538
(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)GLAXOSMITHKLINE LLC

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(72)Name of Inventor :

**1)QU, Junya
2)RIVERO,Ralph
3)SANCHEZ,Robert
4)TEDESCO,Rosanna**

(57) Abstract :

This invention relates to the use of benzimidazole derivatives for the modulation, notably the inhibition of the activity or function of the phosphoinositide 3 OH kinase family (hereinafter PI3 kinases), suitably, PI3K α , PI3K δ , PI3K β , and/or PI3K γ . Suitably, the present invention relates to the use of benzimidazoles in the treatment of one or more disease states selected from: autoimmune disorders, inflammatory diseases, cardiovascular diseases, neurodegenerative diseases, allergy, asthma, pancreatitis, multiorgan failure, kidney diseases, platelet aggregation, cancer, sperm motility, transplantation rejection, graft rejection and lung injuries. More suitably, the present invention relates to PI3K β selective benzimidazoles compounds for treating cancer.

No. of Pages : 149 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1309/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT FOR DRAWING IMAGE ON THERMAL MEDIUM

(51) International classification :B41J2/32,B23K26/00,B41M5/337
(31) Priority Document No :2010-261771
(32) Priority Date :24/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077272
Filing Date :18/11/2011
(87) International Publication No :WO 2012/070665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HASEGAWA, Fumihiro

(57) Abstract :

ABSTRACT An apparatus for drawing an image on a thermal medium includes a stroke group generating unit configured to group continuous strokes forming the image of a desired character to be drawn to generate one or more stroke groups of the continuous strokes, a first overlapped part removing unit configured to detect a first overlapped part between a first combination of the strokes associated with the same stroke group to remove the first overlapped part in an arranged order of the strokes within the same stroke group, and a second overlapped part removing unit configured to detect a second overlapped part between a second combination of the strokes associated with plural of the stroke groups to remove the second overlapped part from the stroke groups.

No. of Pages : 115 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1382/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STEEL SHEET FOR HOT PRESSING AND METHOD FOR PRODUCING HOT-PRESSED MEMBER USING STEEL SHEET FOR HOT PRESSING

(51) International classification :C25D5/26,B21D22/20,C21D1/18
(31) Priority Document No :2010-261928
(32) Priority Date :25/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076636
Filing Date :18/11/2011
(87) International Publication No :WO 2012/070482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**

1)NAKAJIMA, Seiji

2)MIYOSHI, Tatsuya

3)NAKAMARU Hiroki

(57) Abstract :

The purpose of the present invention is to provide: a steel sheet for hot pressing, which has excellent oxidation resistance and is capable of suppressing the formation of scales or ZnO during the hot pressing; and a method for producing a hot pressed member using a steel sheet for hot pressing. Provided is a steel sheet for hot pressing, which is characterized by comprising on the surface of a base steel sheet, a plating layer that contains 10-25% by mass of Ni with the balance made up of Zn and unavoidable impurities and has a plating amount of 10-90 g/m.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1383/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUID FILLED ADJUSTABLE CONTACT LENSES

(51) International classification	:G02C7/08
(31) Priority Document No	:61/391,782
(32) Priority Date	:11/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055743
Filing Date	:11/10/2011
(87) International Publication No	:WO 2012/051167
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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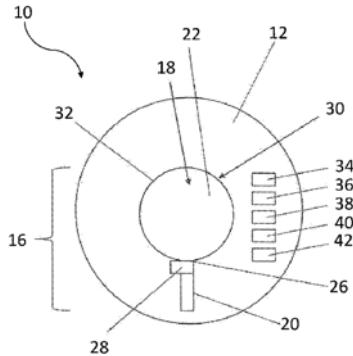
(72)Name of Inventor :

1)EGAN, William

2)NIBAUER, Lisa

(57) Abstract :

A fluid filled adjustable contact lens is provided. An exemplary contact lens includes a lens chamber configured to be positioned on a pupil of a user wearing the contact lens; a reservoir fluidly connected to the lens chamber; an actuator configured to transfer fluid back and forth between the lens chamber and the reservoir; a sensor configured to sense movement from the user and transmit a control signal when a predetermined movement is performed by the user; and a processor configured to actuate the actuator upon receipt of the control signal from the sensor.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1303/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONSTRUCTION SET PACKAGE FOR CONSTRUCTING A CELLULAR ANTENNA SITE

(51) International classification	:H01Q1/12,E04H12/22
(31) Priority Document No	:61/390,321
(32) Priority Date	:06/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2011/050564
Filing Date	:05/05/2011
(87) International Publication No	:WO 2012/047145
(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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

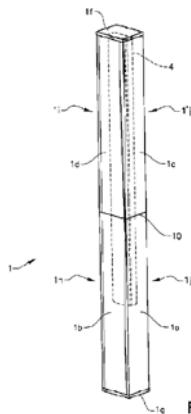
Address of Applicant :S-164 83 Stockholm, SWEDEN

(72)Name of Inventor :

1)ANGSERYD, Jan

(57) Abstract :

The present application relates to a portable construction set package for constructing a cellular antenna site (2). The portable construction set package comprises a package box (1) and at least one antenna (4). The package box is adapted to protect the at least one antenna prior to construction of the cellular antenna site. The package box comprises a plurality of package box parts (1a... 1j). At least one of the plurality of package box parts is adapted to form a part of the cellular antenna site.



No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1304/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : UPLINK TRAFFIC SEPARATION IN AN EDGE NODE OF A COMMUNICATION NETWORK

(51) International classification :H04L12/56,H04W28/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/064955
 Filing Date :06/10/2010
(87) International Publication No :WO 2012/045352
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LUDWIG, Reiner

2)HEDMAN, Peter

(57) Abstract :

For separating data traffic in an uplink (UL) edge node (100) of a communication network, UL one or more packet filters (110) are provided in the UL edge node (100). The packet filters (110) identify data packets in UL traffic from the UL edge node (100). Gating data associated with the packet filters (110) are evaluated, e.g. to derive gating control signals (GC1, GC2, GC3) of the individual packet filters (110). Depending on the evaluation of the gating data, the identified data packets are discarded.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1305/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOAD-INDICATING WASHER

(51) International classification	:F16B31/02
(31) Priority Document No	:10 2010 043 170.2
(32) Priority Date	:29/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/064506
Filing Date	:24/08/2011
(87) International Publication No	:WO 2012/055600
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DIJKHUIS, Arjen Detmer

3)SCHÄFFER, Marc

4)GOLDT, Mathias

5)ECKSTEIN, Andreas

(57) Abstract :

The invention relates to a load indicating washer (2) with a basic body (11) and a cover body (13) arranged on the basic body, and with at least one indicator element (4) which is intended for indicating an axial force acting between the basic body and cover body and is arranged between the basic body and cover body. According to the invention, the indicator element (4) comprises a dilatant material.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1306/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR SPRAYING A LIQUID UNDER PRESSURE

(51) International classification :B05B1/26,B05B1/34,E03C1/08
(31) Priority Document No :1804/10
(32) Priority Date :28/10/2010
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2011/000226
Filing Date :23/09/2011
(87) International Publication No :WO 2012/055051
(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)NEOPERL INTERNATIONAL AG

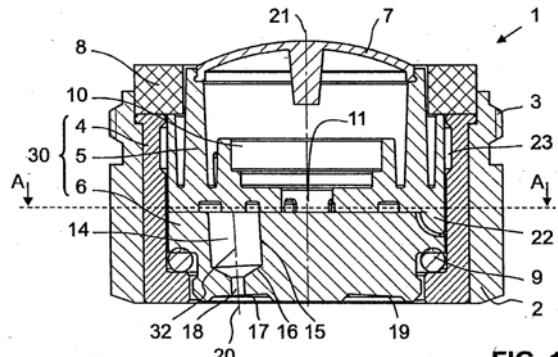
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(72)Name of Inventor :

1)EGLI,Werner

(57) Abstract :

The invention relates to a device for spraying a liquid under pressure, in particular water, wherein said device produces good cleaning action despite a low volumetric flow rate. The device has a plurality of swirl chambers (14), wherein each of the swirl chambers has at least one inlet for feeding the liquid into the respective swirl chamber and an outlet nozzle (18) for a liquid jet to exit the swirl chamber. An arrangement of inlet channels distributes a liquid flow entering the device among the inlets of the swirl chambers. The outlets are angled relative to each other in such a way that the exiting liquid jets hit each other at a predetermined distance from the outlet nozzles. Improved cleaning action is thus achieved. The device can be designed, for example, as an end piece for a sanitary outlet fitting or as a showerhead.



No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1380/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SURFACE FREE ENERGY BASED FILLED POLYMER MICROPOROUS FILMS

(51) International classification :C08J9/00,C08J5/18,B01D71/06
(31) Priority Document No :61/452,128
(32) Priority Date :13/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028937
 Filing Date :13/03/2012
(87) International Publication No :WO 2012/125644
(61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
(62) Divisional to Application
 Number :NA
 Filing Date :NA

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2)EDWARDS, Ann, M.

(57) Abstract :

A microporous membrane may be manufactured using a polymer binder and a filler material using a liquid pore forming agent having a surface free energy that is lower than that of the filler and higher than that of the polymer. The repulsion of the pore forming agent to the polymer may form the pores of the membrane, while the attraction of the polymer to the filler may encapsulate the filler into the structure of the membrane. The filler may be particles that are on the order of or smaller than the wall thickness of the microporous structure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1375/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AIR COMPRESSING DEVICE FOR RAILWAY VEHICLE

(51) International classification	:F04B39/02,F04C29/02
(31) Priority Document No	:2010-234128
(32) Priority Date	:19/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/073637
Filing Date	:14/10/2011
(87) International Publication No	:WO 2012/053438
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)NAKAGAWA,Hiroshi

(57) Abstract :

An air compressing device for a railway vehicle, configured so that whether or not the replenishment of oil is required can be easily and accurately determined. An oil temperature regulation valve (26) has a body section (39), a valve element (40), a valve element drive section (41), and a restricted position communication section (42). The body section (39) has: a first port (43a) facing an oil recovery device (21); a second port (43b) facing the inlet section (25b) of an oil cooler (25); a third port (43c) facing the outlet section (25c) of the oil cooler (25); and a fourth port (43d) facing a compressor (12). The valve element (40) is switched between a circulation position and a restriction position by the valve element drive section (41) which operates independently according to the oil temperature, the circulation position being a position at which the first and second ports (43a,b) are communicated with each other and the third and fourth ports (43c,d) are communicated with each other, the restriction position being a position at which the first and fourth ports (43a,d) are communicated with each other. The restriction position communication section (42) causes the second port (43b) to communicate with the first port (43a) when the valve element (40) is at the restriction position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1376/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STRUCTURAL COMPONENT AND METHOD OF MANUFACTURE

(51) International classification :B21D53/00,B23K20/12,C22F1/00
(31) Priority Document No :61/405,914
(32) Priority Date :22/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057375
Filing Date :21/10/2011
(87) International Publication No :WO 2012/054889
(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)CYRIL BATH COMPANY

Address of Applicant :1610 Airport Road, Monroe,NC 28110-7393 U.S.A.

(72)Name of Inventor :

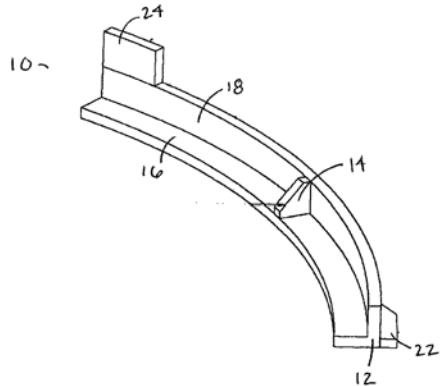
1)HOUSTON,Thomas,Sandy

2)OWENS,John,E.

3)POLEN,Larry,A.

(57) Abstract :

A structural component is provided comprising a base member comprising at least two sidewalls and a space therebetween, the base member having a predetermined curvilinear configuration formed using hot stretch forming. The structural component comprises at least one reinforcing member linearly friction welded to the at least two sidewalls so that the reinforcing member is positioned at least partially within the space between the at least two sidewalls.



No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1377/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FILLED POROUS MEMBRANE

(51) International classification	:C08J9/00,C08J5/22,C08K7/16
(31) Priority Document No	:61/452,128
(32) Priority Date	:13/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/028935
Filing Date	:13/03/2012
(87) International Publication No	:WO 2012/125642
(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)POROUS POWER TECHNOLOGIES

Address of Applicant :2765 Dagny Way, Louisville, CO
80028, U.S.A.

(72)Name of Inventor :

1)BEARD, Kirby, W.

2)EDWARDS, Ann, M.

(57) Abstract :

A porous membrane may have a high concentration of spherical fillers with a polymer binder. The polymer binder may have an affinity for the filler materials and may hold the filler materials together in a porous structure with high tortuosity and consistent pore size. The membrane may be manufactured with a reinforcing web, such as non, woven web. The membrane may be greater than 50% porous with a less than 1 micron pore size. Within the pore walls that may be less than 0.02 microns in width, a densely packed filler material may have an average diameter of less than 0.005 microns.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1378/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FIBROUS MATERIAL FOR HEAT-SEALING PACKAGING SUITABLE FOR MEDICAL USE

(51) International classification	:D21H17/34,D21H17/37,D21H17/57
(31) Priority Document No	:1059373
(32) Priority Date	:15/11/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2011/055075
Filing Date	:14/11/2011
(87) International Publication No	:WO 2012/066466
(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)ARJOWIGGINS HEALTHCARE

Address of Applicant :Route de Ceret, F-66110 Amelie-les-Bains, FRANCE

(72)Name of Inventor :

1)TRIPIER Michel

2)SIMON, Christophe

3)RICATTE, Jean Christophe

(57) Abstract :

The invention relates to a fibrous material for heat sealable medical packaging comprising a nonwoven fibrous single layer substrate or a paper impregnated to the core by at least one polyurethane at least one tackifier and optionally at least one functional additive. It also relates to the process for manufacturing this fibrous material to the sizing composition used in the manufacturing process and to the medical packaging comprising such a fibrous packaging material.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1379/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POST PROCESSING FILLED MICROPOROUS MEMBRANES

(51) International classification	:C08J9/00,C08J5/22,C08K7/08
(31) Priority Document No	:61/452,127
(32) Priority Date	:13/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/028939
Filing Date	:13/03/2012
(87) International Publication No	:WO 2012/125646
(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)POROUS POWER TECHNOLOGIES

Address of Applicant :2765 Dagny Way, Louisville, CO 80028, U.S.A.

(72)Name of Inventor :

1)BEARD, Kirby, W.

2)EDWARDS, Ann, M.

(57) Abstract :

A porous membrane may be manufactured with a high content of filler material and a polymer binder. After forming the membrane, the membrane may be post processed to reform the polymer binder into a stronger yet still porous membrane. The post processing may include bringing the membrane above the melt temperature of the polymer or by immersing the membrane in a solvent. Photomicrographs show that the structure may change, yet the performance of the material in batteries and other electrochemical cells may remain the same or even improve.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1310/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH-EFFICIENCY CATALYSTS, PREPARATION AND USE THEREOF

(51) International classification :C07D487/22,A61K39/00,A61K47/48
(31) Priority Document No :MI2010A002059
(32) Priority Date :05/11/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/069425
Filing Date :04/11/2011
(87) International Publication No :WO 2012/059584
(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)INKIDIA S.R.L.

Address of Applicant :Via Camaldolilli 59 I-80128 Napoli
ITALY

(72)Name of Inventor :

1)PAVONE, Vincenzo
2)NASTRI, Flavia
3)MAGLIO, Ornella
4)LOMBARDI, Angelina

(57) Abstract :

Disclosed are new molecules, on a peptide-porphyrin base, with a low molecular weight (2000-5000 amu), optionally in covalent association with biomolecules, which are able to catalyse peroxidation, oxidation, hydroxylation, phenol nitration and inert compound epoxidation reactions, using clean reagents such as H₂O₂ in aqueous or water-alcohol solutions, with catalytic efficiency comparable or superior to that of natural enzymes. The compounds according to the invention can be used as catalysts in fine chemistry, in the control and decontamination of waters and laboratory diagnostics, and may be bonded and/or adsorbed on solid matrices or nanoparticles.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1311/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESSES AND SYSTEMS FOR PURIFYING SILANE

(51) International classification :B01D3/14,C01B33/04
(31) Priority Document No :61/390,075
(32) Priority Date :05/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052588
 Filing Date :21/09/2011
(87) International Publication No :WO 2012/047522
(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)MEMC ELECTRONIC MATERIALS, INC.

Address of Applicant :501 Pearl Drive, St. Peters, Missouri 63376 U.S.A.

(72)Name of Inventor :

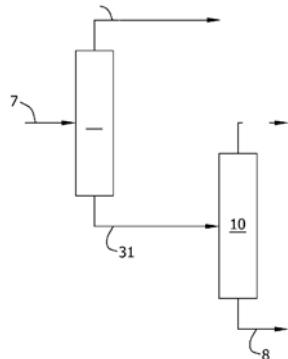
1)TRUONG, Timothy Dinh

2)GU, Zhihui

3)GUPTA, Puneet

(57) Abstract :

Processes and systems for purifying silane-containing streams are disclosed with relatively less silane being lost in impurity streams by use of distillation and/or condensation operations.



No. of Pages : 60 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1312/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR CONTROLLING THERMAL BALANCE OF A SUSPENSION SMELTING FURNACE AND SUSPENSION SMELTING FURNACE

(51) International classification	:C22B5/00,F27D3/16	(71) Name of Applicant : 1)OUTOTEC OYJ Address of Applicant :Riihitontuntie 7, FI-02200 Espoo FINLAND
(31) Priority Document No	:20106156	
(32) Priority Date	:04/11/2010	
(33) Name of priority country	:Finland	
(86) International Application No	:PCT/FI2011/050966	(72) Name of Inventor : 1)MYYRI,Jorma 2)AHOKAINEN,Tapio 3)PESONEN,Lauri P. 4)BJÖRKLUND, Peter
Filing Date	:03/11/2011	
(87) International Publication No	:WO 2012/059646	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for controlling the thermal balance of a suspension smelting and to a suspension smelting furnace. The suspension smelting furnace, comprising a reaction shaft (1), a lower furnace (2), and an uptake (3), wherein the reaction shaft (1) having a shaft structure (4) that is provided with a surrounding wall structure (5) and a roof structure (6) and that limits a reaction chamber (7), and wherein the reaction shaft (1) is provided with a concentrate burner (14) for feeding pulverous solid matter and reaction gas into the reaction chamber (7). The shaft structure (4) of the reaction shaft (1) is provided with cooling means (8) for feeding endothermic material into the reaction chamber (7) of the reaction shaft (1).

No. of Pages : 29 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1313/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LEFT ATRIAL APPENDAGE OCCLUSIVE DEVICES

(51) International classification	:A61B17/12,A61B17/00
(31) Priority Document No	:61/413,253
(32) Priority Date	:12/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/060298
Filing Date	:11/11/2011
(87) International Publication No	:WO 2012/091809
(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, Newark, DE 19711, U.S.A.

(72)Name of Inventor :

1)CAMPBELL, Benjamin, D

2)CULLY, Edward, H.

3)DUNCAN, Jeffrey, B.

4)HELDER, Nichlas, L

5)LARSEN, Coby, C

6)MASTERS, Steven, J.

7)MATHENA, Scot, K

8)MCDANIEL, Thomas, R.

9)SHAW, Edward, E.

(57) Abstract :

An occlusive device for left atrial appendage occlusion that has a membrane component configured to inhibit passage of blood and an expandable frame formed from a plurality of wires having a cupped occlusive component at least partially covered with the membrane component, one or more anchors with looped ends and a hub component. The occlusive device can be delivered percutaneously. The occlusive device is useful in the occlusion of the left atrial appendage.

No. of Pages : 85 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1386/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REINFORCEMENT BAR COUPLER

(51) International classification

:E04C5/16,E04G21/12

(31) Priority Document No

:10-2010-0109388

(32) Priority Date

:04/11/2010

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2011/008203

Filing Date

:31/10/2011

(87) International Publication No

:WO 2012/060593

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROC CO., LTD.

Address of Applicant :1Floor, 48, Pungyeong-ro 228beon-gil
Gwangsan-gu, Gwangju 506 251 REPUBLIC OF KOREA

(72)Name of Inventor :

1)KIM, Byung Sub

2)HONG, Man Ki

(57) Abstract :

The present invention pertains to a reinforcement bar coupler. More specifically the reinforcement bar coupler includes: a female thread having an inclined tapered surface on the inside surface of a coupler cap; and a fastening spring to be inserted and coupled with the female thread, wherein the fastening spring increases in diameter thereof while contacting the root of the female thread so that a reinforcement bar may slip in the case that the reinforcement bar is inserted inside, and decreases in diameter while moving along the inclined tapered surface so that the reinforcement bar may be restrained in the case that an external force is applied thereto in the opposite direction of insertion in the state that the reinforcement bar is inserted. The reinforcement bar coupler may simply connect and fix a reinforcement bar in a one touch manner using the change in diameter due to the torsion of the fastening spring with a relatively simple configuration.

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1318/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF BEVERAGE PRODUCTION, APPARATUS AND SYSTEM

(51) International classification	:G06Q30/00,G06Q50/00
(31) Priority Document No	:12/940,265
(32) Priority Date	:05/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/059191
Filing Date	:03/11/2011
(87) International Publication No	:WO 2012/061617
(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 COCA-COLA COMPANY

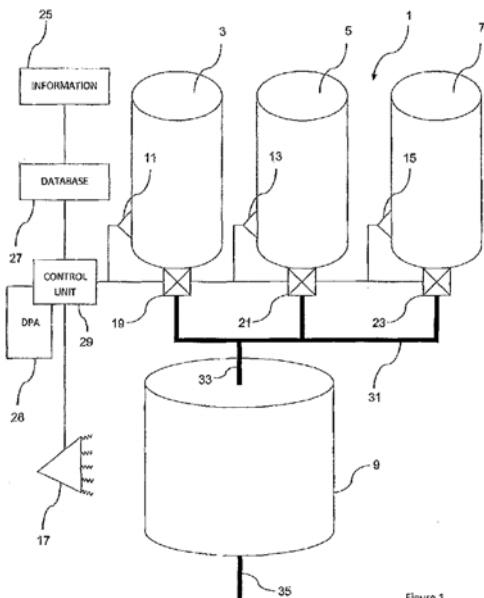
Address of Applicant :One Coca-Cola Plaza NW Atlanta, GA 30313, U.S.A.

(72)Name of Inventor :

1)BIPPERT, Douglas, A.

(57) Abstract :

There is provided a method of regulating the formulation of a multi-component beverage comprising a beverage attribute profile, the method comprising providing a first and second component of the beverage, each component having a component attribute profile; supplying to a beverage formulation zone the first component and the second component in a desired ratio and mixing the first and second components together to provide the beverage or a precursor thereof to yield a target beverage attribute profile; responsive to a change or predicted change in at least one component attribute profile, supplying information concerning the attribute change to a data processing apparatus and calculating with respect to that change an adjustment in the ratio to reduce the deviation of one or more attributes of the beverage attribute profile from the target beverage attribute profile. A production system is also provided.



No. of Pages : 48 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1319/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REACTOR AND PROCESS FOR AT LEAST PARTIALLY DECOMPOSING AND/OR CLEANING PLASTIC MATERIAL

(51) International classification	:B01J19/24,C10B49/14,C08F8/50
(31) Priority Document No	:10 2010 050 153.0
(32) Priority Date	:02/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2011/001958
Filing Date	:01/11/2011
(87) International Publication No	:WO 2012/072061
(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)Hartwig SCHLÜTER

Address of Applicant :Tränkegasse 1, 34260 Kaufungen,
GERMANY

2)Adam HANDEREK

(72)Name of Inventor :

1)Adam HANDEREK

(57) Abstract :

Reactor for gasifying and/or cleaning, in particular for depolymerizing, plastic material (12), comprising a reactor tank (14) for receiving the plastic material (12), wherein the reactor tank comprises a metal melt, and a heating system (18) for heating the plastic material (12) in the reactor tank (14). According to the invention, a guide apparatus (24) which is arranged in an internal space (22) of the reactor tank (14) and is intended to guide liquefied plastic material (12) in the reactor tank (14) is provided, wherein the guide apparatus (24) is designed to guide the liquefied plastic material (12) on a helical path.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1320/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM FOR OPTIMIZING DRINK BLENDS

(51) International classification	:G05B13/02
(31) Priority Document No	:12/940,205
(32) Priority Date	:05/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/059063
Filing Date	:03/11/2011
(87) International Publication No	:WO 2012/061553
(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 COCA-COLA COMPANY

Address of Applicant :One Coca-Cola Plaza NW, Atlanta, GA 30313, U.S.A.

(72)**Name of Inventor :**

1)BIPPERT, Douglas, A.

2)HUTTER, Sherri, Lynn

3)ANGLEA, Timothy, A.

4)HIGBIE, Jon, A.

5)CROSS, David, Quinton

6)LEE, Seonah

7)LENNON, Sean, Patrick

(57) Abstract :

A system for optimizing blending. The system can include a processor configured to aggregate material information, aggregate production information, model consumer liking of the at least one product, and provide plan information for controlling production resources based on the material information, the production information, and the consumer liking. The material information can be associated with a product input of the at least one product. The production information can be associated with the production resources of the at least one product.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1391/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOCK ASSEMBLY

(51) International classification	:F16H63/34
(31) Priority Document No	:1020092.1
(32) Priority Date	:26/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/052325
Filing Date	:25/11/2011
(87) International Publication No	:WO 2012/069849
(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)CAMCON OIL LIMITED

Address of Applicant :St Johns Innovation Centre, Cowley Road, Cambridge, Cambridgeshire CB4 0WS U.K.

(72)Name of Inventor :

1)HYDE, Fred

2)KELLY, David

3)MORTON, John

4)FINDLAY, Mark

(57) Abstract :

A lock assembly for use in automotive and industrial transmission systems comprises: an actuator (2) having an impeller (6) movable between two rest positions by energising the actuator, wherein the impeller is retained in each of the two rest positions by passive magnetic forces generated by the actuator; a locking arrangement (10, 22; 42, 52; 62, 64; 70 74; 80, 96) switchable between a first configuration in which rotation of a shaft is unimpeded by the locking arrangement and a second configuration in which rotation of said shaft is blocked by the locking arrangement; and a linkage (14, 16; 44, 46, 61, 88) between the impeller and the locking arrangement, wherein the assembly is arranged such that in one of the impeller rest positions, the locking arrangement is in its first configuration and said shaft is freely rotatable and in the other of the impeller rest positions, the locking arrangement is urged towards and into its second configuration.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1323/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF JUICE PRODUCTION, APPARATUS AND SYSTEM

(51) International classification	:G06Q30/00,G06Q50/00
(31) Priority Document No	:12/940,252
(32) Priority Date	:05/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/059158
Filing Date	:03/11/2011
(87) International Publication No	:WO 2012/096712
(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 COCA-COLA COMPANY

Address of Applicant :One Coca-Cola Plaza NW, Atlanta, GA 30313, U.S.A.

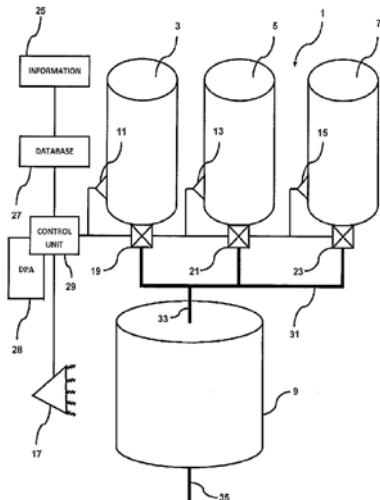
(72)Name of Inventor :

1)BIPPERT, Douglas, A.

2)ANGLEA, Timothy, A.

(57) Abstract :

There is provided a method of regulating the formulation of a multi-component juice comprising a juice attribute profile, the method comprising providing a first and second component of the juice, each component having a component attribute profile; supplying to a juice formulation zone the first component and the second component in a desired ratio and mixing the first and second components together to provide the juice or a precursor thereof to yield a target juice attribute profile; responsive to a change or predicted change in at least one component attribute profile, supplying information concerning the attribute change to a data processing apparatus and calculating with respect to that change an adjustment in the ratio to reduce the deviation of one or more attributes of the juice attribute profile from the target juice attribute profile. A production system is also provided.



No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1324/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HOME APPLIANCE WITH A VIBRATION DAMPING DEVICE AND VIBRATION DAMPING DEVICE THEREOF

(51) International classification	:D06F37/22,D06F37/20	(71) Name of Applicant : 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant :Carl-Wery-Str. 34, 81739 München, GERMANY
(31) Priority Document No	:P201031737	
(32) Priority Date	:26/11/2010	
(33) Name of priority country	:Spain	
(86) International Application No Filing Date	:PCT/EP2011/071067 :25/11/2011	
(87) International Publication No	:WO 2012/069648	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a home appliance, in particular a washing machine (1) or a dryer, with a housing (3), in which a drum (11) is rotatably mounted in a tub (13), the tub (13) being coupled to the housing (3) via at least one support element (31) of a vibration damping device (17, 31, 33). According to the invention, the support element (31) is articulated to the housing (3) via a pivot lever (33) which is articulated to the housing (3), particularly to a housing side (35), via a first pivot articulation (37) about a first pivot axis (39) fixed with respect to the housing (3).

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1395/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MICRONIZING DEVICE FOR FLUID JET MILLS

(51) International classification	:B02C19/06
(31) Priority Document No	:MI2010A001864
(32) Priority Date	:12/10/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2011/054451
Filing Date	:10/10/2011
(87) International Publication No	:WO 2012/049608
(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)FYDEC HOLDING SA

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(72)Name of Inventor :

1)CATTIVELLI, Aleardo

(57) Abstract :

This invention relates to a micronizing device for fluid jet mills, comprising: a containing body (2) internally delimiting a substantially cylindrical grinding chamber (3); a plurality of nozzles (18), each presenting a mouth (22) opening onto a radially internal side wall (8) of the grinding chamber (3); a supply duct (9) for material to be micronized, opening into the grinding chamber (3); at least one injection duct (12) for pressurized fluid, in fluid communication with said nozzles (18). The nozzles (18) present a pressurized fluid injection direction (X-X) which is tangent to an imaginary circle included inside the grinding chamber (3). The radially internal side wall (8) presents, at each nozzle (18), a first portion (23) which is substantially perpendicular to the injection direction (X-X) of the respective nozzle (18).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1396/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FELBINAC-CONTAINING EXTERNAL PATCH

(51) International classification	:A61K31/192,A61K9/70,A61K47/14
(31) Priority Document No	:2010-246666
(32) Priority Date	:02/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/075182
Filing Date	:01/11/2011
(87) International Publication No	:WO 2012/060376
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)INOO, Katsuyuki

(57) Abstract :

Provided is a felbinac containing external patch that shows a high drug release property and also low skin irritation, and is capable of exerting high drug stability. This felbinac-containing external patch is characterized in that L-menthol is not contained, and felbinac having an average particle size of 5 µm or more but less than 100 µm is dispersed to mix with an adhesive base that is composed of styrene-isoprene-styrene block copolymer, alicyclic saturated hydrocarbon resin, softener, and diethyl sebacate, specifically, 0.1 to 10% by weight of felbinac having an average particle size of 5 µm or more but less than 100 µm is dispersed to mix with an adhesive base that is composed of 10 to 30% by weight of styrene-isoprene-styrene block copolymer, 10 to 50% by weight of alicyclic saturated hydrocarbon resin, 10 to 75% by weight of softener, and 0.1 to 10% by weight of diethyl sebacate.

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1329/KOLNP/2013 A

(43) Publication Date : 27/09/2013

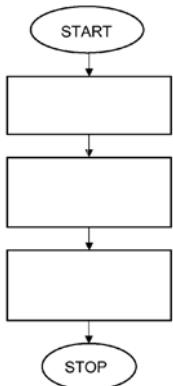
(54) Title of the invention : UPLINK POWER CONTROL

(51) International classification :H04W52/12,H04W52/24,H04W52/14
(31) Priority Document No :61/392,088
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051156
Filing Date :28/09/2011
(87) International Publication No :WO 2012/050506
(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)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S-164 83 Stockholm,SWEDEN
(72)Name of Inventor :
1)BLOMGREN,Mats
2)HULTELL,Johan
3)JOHANSSON,Klas

(57) Abstract :

A power control applied to a radio network controller (40) when a user equipment (300) is in communication with a serving radio base station (10) and at least one other radio base station (20) involves the radio network controller (40) providing a quality representation of an uplink control channel (12) from the user equipment (300) to the serving radio base station (10). The radio network controller (40) generates an updated power quality target for a reference control channel based on the quality representation and transmits the updated power quality target to at least one of the serving radio base station (10) and the at least one other radio base station (20). Alternatively the radio network controller (40) generates an updated power offset for the uplink control channel (12) relative a reference control channel based on the quality representation and transmits the updated power offset to the user equipment (300).



No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1330/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TEMPERATURE-STABLE SS-PYRANOSIDASE

(51) International classification :C12N9/24,C12N15/62,C12N5/10
(31) Priority Document No :10 2010 042 910.4
(32) Priority Date :26/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/068734
Filing Date :26/10/2011
(87) International Publication No :WO 2012/055904
(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)CLARIANT PRODUKTE (DEUTSCHLAND) GMBH

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(72)**Name of Inventor :**

1)REISINGER,Christoph

2)QOURA,Farah

3)KLIPPEL,Barbara

4)ANTRANIKIAN,Garabed

(57) Abstract :

The invention relates to temperature stable polypeptides with B pyranosidase activity. The polypeptide substrates include B glucopyranosides und B xylopyranosides. Said polypeptides can be expressed alone or as fusion proteins for example in yeast or bacteria and subsequently purified. The polypeptides according to said invention can be used alone or in a mixture with other enzymes for the degradation of plant raw materials, among others for the enzymatic degradation of biomass containing lignocellulose, in particular hemicellulose and the hemicellulose component xylan. Said enzymes are suitable for use in textile processing, as an additive of detergents, or in the food or feed industry.

No. of Pages : 53 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1331/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE COMMUNICATIONS METHOD AND MOBILE MANAGEMENT NODE.

(51) International classification	:H04W 36/14
(31) Priority Document No	:2010-247946
(32) Priority Date	:04/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/075324
Filing Date	:02/11/2011
(87) International Publication No	:WO 2012/060420
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Tokyo 1006150 JAPAN.

(72)Name of Inventor :

1)NISHIDA,KATSUTOSHI

(57) Abstract :

A method of performing a handover according to the invention includes a step A of causing an MME to transmit Forward Reloc Req to an SGSN, and a step B of causing the MME to release a PS bearer which has been used for the voice communications and the packet communications of the UE#1 in the mobile transmission network accommodating the E-UTRAN, when detecting that a handover from E-UTRAN to UTRAN/GERAN for voice communications of a UE#1 is completed after detecting that establishment of a PS bearer is refused in the SGSN.

No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1400/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEED COATING AGENT AND SEEDS COATED WITH SEED COATING AGENT

(51) International classification	:A01C1/06
(31) Priority Document No	:2010-253691
(32) Priority Date	:12/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/076468
Filing Date	:10/11/2011
(87) International Publication No	:WO 2012/063970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KAWANO, Takashi

2)FUJINAGA, Masashi

(57) Abstract :

A seed coating agent used for coating the surfaces of seeds contains iron powder and a binding material. In said iron powder, the percentage by mass of iron powder particles having a particle size smaller than or equal to 63 μm to the total mass of said iron powder is from 0% to 75% inclusive, the percentage by mass of iron powder particles having a particle size larger than 63 μm and smaller than or equal to 150 μm to the total mass of said iron powder is from 25% to 100% inclusive, and the percentage by mass of iron powder particles having a particle size larger than 150 μm to the total mass of said iron powder is from 0% to 50% inclusive. The average particle size of said binding material is between 1 and 150 μm . Thus, it is possible to achieve a coating that causes only a small amount of iron powder to fall off not only during the seeding process but also during the transportation process.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1271/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPATIBLE CARRIER FOR SECONDARY TOUGHENING

(51) International classification :B29C70/02,B29C70/48,C08J3/24
(31) Priority Document No :61/411,760
(32) Priority Date :09/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058264
Filing Date :28/10/2011
(87) International Publication No :WO 2012/064525
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BAIDAK, Alexandre, A.
2)PONSOLLE, Dominique
3)BLACKBURN, Robert
4)MCGRAIL, Patrick, Terence

(57) Abstract :

Embodiments of the invention are directed to carriers providing a primary toughening function and incorporating a secondary toughening agent therein. According to embodiments of the invention, the carrier/agent combination may be used in liquid resin infusion applications. The carrier may be any polymer based material having a solubility characteristic in a thermosetting resin. The secondary toughening agent may be of a material such as a thermoplastic, a thermoset a cross linked thermoset, a rubber, a rubbery like material or a combination thereof and may be in the form of a particle, a micro, fiber (fibril) or a fibrous network. In some embodiments, the earner is soluble in the resin while the secondary toughening agent is insoluble in the resin when subjected to a cure cycle.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1272/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUPPRESSION OF A HYPERSENSITIVITY IMMUNE RESPONSE WITH UNRELATED ANTIGEN DERIVED FROM ALLERGEN SOURCE MATERIAL

(51) International classification :A61K39/36,A61K39/00,A61K38/38
(31) Priority Document No :10187745.4
(32) Priority Date :15/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068026
Filing Date :14/10/2011
(87) International Publication No :WO 2012/049310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BRIMNES, Jens

2)LUND, Kaare

(57) Abstract :

The present invention relates to the treatment of a hypersensitivity immune response, such as allergic rhinitis or asthma, via bystander suppression by use of an antigen unrelated to the allergen triggering the hypersensitivity immune response in an individual to be treated wherein the antigen is obtainable from the source material comprising the triggering allergen.

No. of Pages : 86 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1274/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ENHANCED-SECURITY DOOR LOCK SYSTEM AND A CONTROL METHOD THEREFOR

(51) International classification	:E05B53/00
(31) Priority Document No	:10-2010-0109634
(32) Priority Date	:05/11/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/005015
Filing Date	:08/07/2011
(87) International Publication No	:WO 2012/060535
(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)CHO, Hee Moon

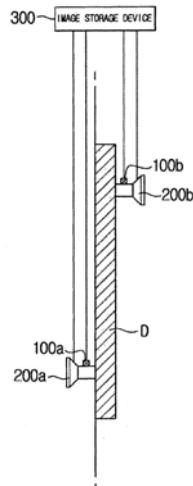
Address of Applicant :7th Floor, 1164-6 Gaepo-dong, Gangnam-gu, Seoul 135-240 REPUBLIC OF KOREA

(72)Name of Inventor :

1)CHO, Hee Moon

(57) Abstract :

Objects of the present invention are: to provide a door lock system wherein security can be enhanced by adopting a configuration in which image capturing cameras are provided in such a way as to respectively allow indoor and outdoor imaging on both sides of a door, and images can be captured by the applicable image capturing camera only when there is some indoor or outdoor movement, and thus intruder movement and audio can always be recorded even if one of the image capturing cameras is damaged; and to provide a control method for the door lock system. Other objects of the present invention are: to provide a door lock system wherein security can be further enhanced by adopting a configuration in which, when a doorbell is operated, the user's movements can be stored and used as data; and to provide a control method for the door lock system. In order to achieve these objects, the enhanced security door lock system according to the present invention comprises: action detecting sensors which are respectively provided on the indoor and outdoor sides of the door and detect surrounding movement; image capturing cameras which are respectively provided on the inside and outside of the door and are for imaging indoors/outdoors in accordance with action signals from the action detecting sensors; and an image storage device for storing and outputting audio and images captured from the image-capturing cameras.



No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1413/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE COMMUNICATIONS METHOD, SUBSCRIBER MANAGEMENT SERVER, AND SERVER

(51) International classification :H04M3/42,H04M3/00,H04W8/08
(31) Priority Document No :2010-249193
(32) Priority Date :05/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075327
Filing Date :02/11/2011
(87) International Publication No :WO 2012/060421
(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)NTT DOCOMO, INC.

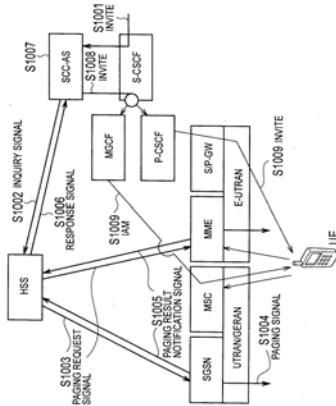
Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN.

(72)Name of Inventor :

1)NISHIDA, Katsutoshi
2)CHIKURA, Hironori
3)MORITA, Takashi
4)TOKUNAGA, Kazuhito

(57) Abstract :

Provided is a mobile communications method comprising: a step (A) wherein an SCC AS sends an enquiry signal to an HSS if an Invite for a UE is received; a step (B) wherein the HSS sends a call request signal; a step (C) wherein the HSS determines the current RAT for the UE according to a call result notification signal including a call result in at least either a UTRAN/GERAN or an E UTRAN; a step (D) wherein the HSS sends UE visiting area information including information relating to the current RAT for the UE to an SCC AS/S CSCF; and a step (E) wherein the SCC AS/S CSCF transfers the Invite for the UE to the UTRAN/GERAN or the E UTRAN using an answering method selected based on the UE visiting area information.



No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1356/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVING TOUGHNESS OF POLYCRYSTALLINE DIAMOND BY INCORPORATION OF BULK METAL FOILS

(51) International classification :B22F5/00,B22F7/06,C22C26/00
(31) Priority Document No :61/425,324
(32) Priority Date :21/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065981
Filing Date :20/12/2011
(87) International Publication No:WO 2012/088012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SURYAVANSHI,Abhijit,P.

(57) Abstract :

A cutting element include a substrate and a diamond compact including at least two polycrystalline diamond portions separated by at least one metal carbide foil portion. The cutting element is made by placing diamond powder in a reaction container, placing a thin metal layer in the reaction container above or around the diamond powder and binder, placing additional diamond powder in the reaction container above or around the thin metal layer, and placing a pre-sintered substrate containing binder into the reaction container above all diamond powder and thin metal layer components. The assembled reaction container is put into a reactor and is subjected to a high-temperature high-pressure sintering process. The binder in the pre- sintered substrate sweeps through to sinter the first diamond portion, and then reacts with the thin metal layer to form a metal carbide, and then the binder continues to sweep through to sinter the second diamond portion.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1357/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRICAL CONTACT ARRANGEMENT

(51) International classification :H01H33/12,H01R13/24,H01H31/32
(31) Priority Document No :10 2010 062 343.1
(32) Priority Date :02/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/070124
Filing Date :15/11/2011
(87) International Publication No :WO 2012/072410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)FRÖBEL Sascha

2)GUENTHER Rene

(57) Abstract :

An electrical contact arrangement has a first contact piece (1) with a contact socket (3). It also has a second contact piece (13) which can move relative to the first contact piece (1). The second contact piece (13) has a complementary shape to the first contact piece (1). An auxiliary contact piece (7) is guided such that it can move in the contact socket (3) of the first contact piece (1). The auxiliary contact piece (7) is guided in an electrically isolated manner.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1423/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTI-VIRAL COMPOUNDS

(71)Name of Applicant :

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- 2)DEGOEY,DAVID A**
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- 4)MOTTER, CHRISTOPHER E**
- 5)NELSON, LISSA T**
- 6)KATI, WARREN M**
- 7)HUTCHINS, CHARLES W**
- 8)DONNER, PAMELA L**
- 9)KRUEGER, ALLAN C**
- 10)PATEL, SACHIN V**
- 11)MATULENKO, MARK A.**
- 12)FLENTGE, CHARLES A.**
- 13)WAGNER, ROLF**
- 14)KEDDY, RYAN G.**
- 15)JINKERSON, TAMMIE K.**
- 16)LIU, DACHUN**
- 17)CASPI, DANIEL, D.**
- 18)BELLIZI, MARY, E.**
- 19)MARING,CLARENCE J.**
- 20)TUFANO, MICHAEL D.**
- 21)BATEBENNER, DAVID A.**
- 22)ROCKWAY, TODD W.**
- 23)PRATT, JOHN K.**
- 24)SARRIS, KATHY**
- 25)HUTCHINSON, DOUGLAS K.**
- 26)WOLLER, KAVIN R.**
- 27)WAGAW, SEBLE H.**
- 28)CALIFANO, JEAN C.**
- 29)GOA,YI**

(51) International classification

:A61K31/519

(31) Priority Document No

:61/186,291

(32) Priority Date

:11/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA
Filing Date

(62) Divisional to Application Number Filed on

:1475/KOLNP/2011
:06/04/2011

(57) Abstract :

Anti-viral compounds effective in inhibiting replication of Hepatitis C virus (HCV).

No. of Pages : 429 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1424/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEPLOYMENT SLEEVE SHORTENING MECHANISM

(51) International classification	:A61F2/84
(31) Priority Document No	:61/412,621
(32) Priority Date	:11/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/060409
Filing Date	:11/11/2011
(87) International Publication No	:WO 2012/065087
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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19711, U.S.A.

(72)Name of Inventor :

1)BUCKLEY, Kyle R.

(57) Abstract :

A medical device constraint (106) includes an elastic element having proximal and distal ends a continuous lumen extending between the proximal and distal ends of the tubular elastic element; and a medical device (104) disposed at least partially within the continuous lumen wherein the generally tubular element has a first state in which the tubular element is longitudinally held in tension to conceal a gap (112) between the medical device and a distal tip and a second state in which the tubular element is longitudinally relaxed and spaced apart from the gap.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1425/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRELESS BASE STATION, USER TERMINAL, AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04W24/10,H04W16/16,H04W84/10
(31) Priority Document No :2010-255304
(32) Priority Date :15/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075917
Filing Date :10/11/2011
(87) International Publication No :WO 2012/067006
(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)NTT DOCOMO, INC.

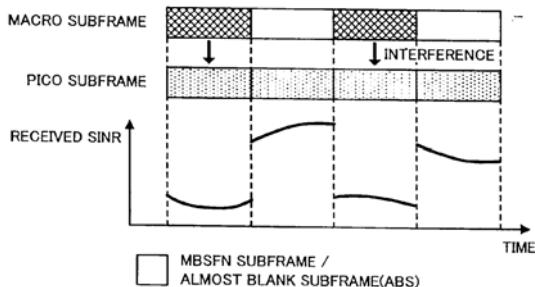
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(72)Name of Inventor :

1)ABE, Tetsushi
2)IWAMURA, Mikio
3)MIKI, Nobuhiko
4)TAKAHASHI, Hideaki

(57) Abstract :

Provided are a wireless base station, a user terminal, and a wireless communication method with which it is possible to carry out an accurate measurement in a HetNet even with diverse network configurations. In a heterogeneous network comprising a network configuration wherein a macro cell and a microcell which is smaller than the macro cell overlap one another, this wireless communications method: forms the macro cell; determines a measurement sub frame which measures CRS, on the basis of the network configuration, with a wireless base station which connects with a macro terminal which is under the macro cell; generates a time reference which denotes the measurement sub frame; transmits a signal containing the time reference and the CRS to the macro terminal; receives the time reference and the CRS in the macro terminal; and in the macro terminal, measures the CRS with the measurement sub frame denoted in the time reference.



No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1430/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TREATMENT DEVICE

(51) International classification :A61C17/20,A46B15/00
(31) Priority Document No :20 2010 015 189.9
(32) Priority Date :09/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001918
 Filing Date :28/10/2011
(87) International Publication No :WO 2012/062277
(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)EMAG AG

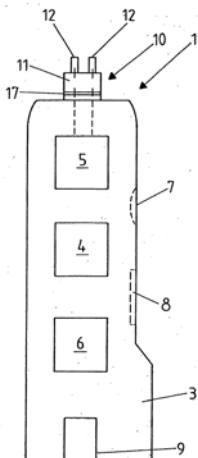
Address of Applicant :Gerauer Str. 34, 64546 Mörfelden-Walldorf GERMANY

(72)Name of Inventor :

1)EMEKCI, Bülent

(57) Abstract :

The invention relates to a treatment device, in particular for treating the oral cavity and pharynx and/or the teeth, comprising a treatment head, which can be removably fastened to a handpiece and which has a head piece having a plurality of bristles and which has an electromechanical transducer (19) in the head piece for producing a mechanical oscillation or wave to be transferred to a treatment area.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1431/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AQUEOUS FLAME RETARDANT COMPOSITION FOR MINERAL FIBER-BASED MAT, AND MATS OBTAINED

(51) International classification	:D06M11/44,D06M11/45,D06M15/233
(31) Priority Document No	:1059781
(32) Priority Date	:26/11/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2011/052658
Filing Date	:16/11/2011
(87) International Publication No	:WO 2012/069735
(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)SAINT-GOBAIN ADFORS

Address of Applicant :517 Avenue de la Boisse, F-73000
Chambery FRANCE

(72)Name of Inventor :

1)OMBE WANDJI, Nadège

(57) Abstract :

The invention relates to an aqueous fire- retardant composition for a mat made from mineral fibres, such as glass or rock, said composition comprising: at least one thermoplastic or thermosetting resin, magnesium hydroxide Mg(OH)₂ and aluminium hydroxide (AlOOH) as flame retardants, and optionally carbon black. The invention also relates to mats treated with the aforementioned fire-retardant composition.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1432/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ESTABLISHING A NETWORK CONNECTION IN A PORTABLE TERMINAL

(51) International classification	:H04W 88/02	(71) Name of Applicant :
(31) Priority Document No	:10-2011-0018567	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:02/03/2011	Address of Applicant :129, Samsung-ro, Yeongtong-gu
(33) Name of priority country	:Republic of Korea	Suwon-si, Gyeonggi-do 443-742, REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2012/001429	(72) Name of Inventor :
Filing Date	:24/02/2012	1)HUM LIM
(87) International Publication No	:WO 2012/118302	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method for establishing a network connection in a portable terminal. The apparatus includes a controller, an image acquisition unit, and a code image analyzer. The controller establishes a network connection with a peripheral terminal using network information acquired through a code image. The image acquisition unit captures the code image generated by the peripheral terminal. The code image analyzer analyzes the code image acquired by the image acquisition unit and acquires the network information of the peripheral terminal. The code image includes at least any one of network information of the peripheral terminal, code image generation information, and information on an automatic execution program to be automatically executed after code image recognition.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1433/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING DATA IN COMMUNICATION/BROADCASTING SYSTEM

(51) International classification	:H03M13/11	(71) Name of Applicant :
(31) Priority Document No	:10-2011-0005049	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:18/01/2011	Address of Applicant :129, Samsung-ro Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, KOREA
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2012/000446	1)JEONG Hong-Sil
Filing Date	:18/01/2012	2)YUN-Sung Ryul
(87) International Publication No	:WO 2012/099398	3)YANG Hyun-Koo
(61) Patent of Addition to Application Number	:NA	4)MOURAD Alain
Filing Date	:NA	5)GUTIERREZ Ismael
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method for transmitting and receiving data in a wireless communication is provided. The method includes determining a number of zero-padding bits, determining a number (Npad) of bit groups in which all bits are padded with zeros, padding the all bits within 0th to (Npad-1)th bit groups indicated by a shortening pattern with zeros, mapping information bits to bit positions which are not padded in Bose Chaudhuri Hocquenghem (BCH) information bits, BCH encoding the BCH information bits to generate Low Density Parity Check (LDPC) information bits, and LDPC encoding the LDPC information bits to generate a zero padded codeword, wherein the shortening pattern is defined as an order of bit groups defined as 6, 5, 4, 9, 3, 2, 1 , 8, 0, 7, 10 and 11.

No. of Pages : 76 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1434/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR ON-LINE CONTINUOUS CHLORINE ANALYSIS IN TURBID WATER AND PROCESS STREAMS

(51) International classification	:G01N33/18,C02F1/44	(71) Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. Diehl Road, Naperville, Illinois 60563-1198, U.S.A.
(31) Priority Document No	:12/951,179	
(32) Priority Date	:22/11/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/061745	(72) Name of Inventor :
Filing Date	:22/11/2011	1)SEIFERT, Martin
(87) International Publication No	:WO 2012/071357	2)ENSKAT, Peter
(61) Patent of Addition to Application Number	:NA	3)SCHREINER, Bernd
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed towards methods and apparatus for accurately detecting the presence and concentration of an oxidant in a turbid water sample. This method is very helpful in allowing accurate and efficient (not too much nor too little) amounts of microbe killing oxidants to be introduced to water supplies that require oxidants but which at present cannot be measured properly. The method comprises the steps of: passing the water through at least one filter array, passing the filtered water to an analyzer, and then returning from the analyzer a measurement of the concentration. The filter array comprises at least one filter constructed and arranged to remove turbidity inducing material but not oxidant from the water sample. The analyzer can be a commonly commercially available analyzer that currently cannot accurately measure the oxidant concentration if the water had not been so filtered. This method allows users to apply easily available oxidant measuring technology to applications such as paper mill water where it is needed but was previously was not applicable.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1401/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITION FOR PHYTOCHELATIN TRANSPORT

(51) International classification :C12N15/29,C12N15/87,A01H5/00
(31) Priority Document No :10-2010-0106079
(32) Priority Date :28/10/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/005691
Filing Date :02/08/2011
(87) International Publication No :WO 2012/057436
(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)POSTECH ACADEMY-INDUSTRY FOUNDATION

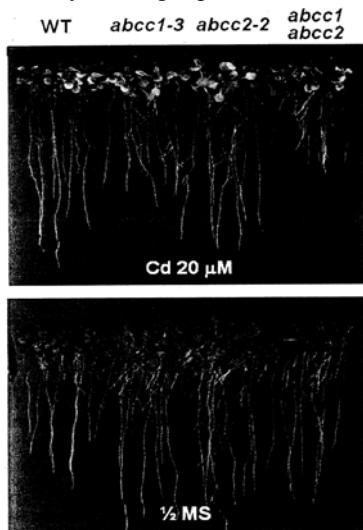
Address of Applicant :Pohang Univ. of Science San 31 Hyja dong, Nam-gu, Phohang-si Gyeongsangbuk-do 790-784 REPUBLIC OF KOREA

(72)Name of Inventor :

1)LEE, Young-Sook
2)MARTINOIA, Enrico
3)PARK, Ji-Young
4)SONG, Won-Yong
5)MENDOZA-COZATL, David G.
6)SCHROEDER, Julian I.

(57) Abstract :

The present invention relates to a composition for phytochelatin transport, comprising DNA molecules encoding ABCC (MRP, multidrug resistance-associated protein)-like ABC (ATP-binding cassette) transporter proteins in plants. The composition for phytochelatin transport according to the present invention can accumulate and sequester phytochelatin alone or in combination with a toxic substance by transporting same into the vacuole of a cell, and thus reduce the content of the toxic substance which moves from the root of a plant to the shoot thereof. Therefore, the DNA molecules of the present invention can be applied to the development of crops in which the content of toxic substances existing in edible plant parts such as leaves, stems, and fruits are reduced. Furthermore, the DNA molecules of the present invention are applied to inedible plants to develop plants which are useful in phytoremediation, or phytoextraction, by increasing the accumulated amounts of arsenic, arsenic compounds, and cadmium, and the resistances thereto, thereby making it possible to economically clean the environment in an environmentally friendly manner.



No. of Pages : 53 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1402/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR STORAGE AND TRANSPORTATION OF NATURAL GAS IN LIQUID SOLVENTS

(51) International classification	:F17C11/00
(31) Priority Document No	:61/392,135
(32) Priority Date	:12/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/056009
Filing Date	:12/10/2011
(87) International Publication No	:WO 2012/051336
(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)SEAONE AG

Address of Applicant :Scheideggstrasse 73, CH-8038 Zürich Switzerland

(72)Name of Inventor :

1)HALL, Bruce

2)MORRIS, Ian

3)OKIKIOLU, Tolulope O.

(57) Abstract :

Systems and methods to create and store a liquid phase mix of natural gas absorbed in light - hydrocarbon solvents under temperatures and pressures that facilitate improved volumetric ratios of the stored natural gas as compared to CNG and PLNG at the same temperatures and pressures of less than 80° to about -120°F and about 300 psig to about 900 psig. Preferred solvents include ethane, propane and butane, and natural gas liquid (NGL) and liquid pressurized gas (LPG) solvents. Systems and methods for receiving (11,13) raw production or semi - conditioned natural gas, conditioning the gas, producing (14) a liquid phase mix of natural gas absorbed in a light -hydrocarbon solvent, and transporting (16) the mix to a market where pipeline quality gas or fractionated products are delivered in a manner utilizing less energy than CNG, PLNG or LNG systems with better car-go-mass to containment -mass ratio for the natural gas component than CNG systems.

No. of Pages : 94 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1403/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS IN A PNEUMATIC MATERIAL CONVEYING SYSTEM

(51) International classification	:B65F5/00,F24F7/04	(71) Name of Applicant : 1)MARICAP OY Address of Applicant :Pohjantähdentie 17, FI-01450 Vantaa FINLAND
(31) Priority Document No	:20106143	
(32) Priority Date	:01/11/2010	
(33) Name of priority country	:Finland	
(86) International Application No	:PCT/FI2011/050845	(72) Name of Inventor : 1)SUNDHOLM, Göran
Filing Date	:30/09/2011	
(87) International Publication No	:WO 2012/059625	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for handling outlet air in a pneumatic waste-conveying system, in which the outlet air is at least partly the conveying air to be used in waste conveying. The outlet air is blown from the outward blowing pipe (1) into a chamber (24) comprising at least one output aperture (22) and one second aperture (16,17), in which second aperture a suction effect is achieved with the blowing of the outlet air such that additional air is brought into the body of outlet air in the chamber via the at least one second aperture (16,17) as a consequence of the suction effect achieved with the outlet air, and that the outlet air and the additional air mix with each other at least partly in the chamber (24) before the output aperture (22) from which the mixture of outlet air and additional air is conducted away. The invention also relates to an apparatus.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1474/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIQUID CRYSTAL POLYMER-BASED ELECTRO-OPTRODE NEURAL INTERFACE, AND METHOD FOR PRODUCING SAME

(51) International classification :A61N1/05,A61N1/36,A61N5/06
(31) Priority Document No :10-2010-0103026
(32) Priority Date :21/10/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/007778
Filing Date :19/10/2011
(87) International Publication No:WO 2012/053815
(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)M.I.TECH CO., LTD.

Address of Applicant :241-3, Habuk-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do 451-864, REPUBLIC OF KOREA

(72)Name of Inventor :

1)PARK Se-Ik
2)CHANG Jin-Woo
3)KIM Sung June
4)LEE Sung Eun
5)LEE Seung Woo
6)KIM Shin Ae
7)MIN Kyou Sik
8)MOON Hyo Woon
9)SHIN Hyung Cheul
10)KIM Jin Won

(57) Abstract :

The invention relates to an electro-optrode neural interface, comprising an optical fiber which is elongated so as to be insertable into a body, and which is located at a core portion so as to form an optical electrode portion, and a liquid crystal polymer (LCP) sample encircling the optical fiber. The LCP sample has an adhesive sheet, and an LCP electrode layer encircling the adhesive sheet, wherein the adhesive sheet and the LCP electrode layer are coupled to each other. The electro-optrode neutral interface is formed by combining, into a single unit, an electrical interface in which an electrode for stimulating deep brain or measuring neural signals from deep brain is arranged in a liquid crystal polymer and an optical interface such as an optical fiber, a waveguide and an endoscope. The electro-optrode interface of the present invention may enable an electro-optrode to be inserted into a body while electrically or optically monitoring the position of the electro optrode in real time, and may be mass produced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1340/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TOE BOX AND SHOE WITH INCORPORATED TOE BOX

(51) International classification	:A43B23/08,A43B7/32
(31) Priority Document No	:2010-248883
(32) Priority Date	:05/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/065479
Filing Date	:06/07/2011
(87) International Publication No	:WO 2012/060134
(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)MIDORI ANZEN CO. LTD.

Address of Applicant :4-3, Hiroo 5-chome,Shibuya-ku, Tokyo 1508455,JAPAN.

(72)Name of Inventor :

1)SAKURAI,Yoshinori

(57) Abstract :

Provided is a structure for toe boxes that protect toes from objects that impact from the side such as the wheel of a pushcart without impeding foot movements such as walking, and for shoes that incorporate said toe box. The toe box (1) that covers the front of the foot when incorporated into the toe of a shoe is characterized: in having a bowl shaped shell formed so that the front wall (2), left and right side walls (3, 4) and upper wall (5) are connected by smooth curves; and in an extended side wall (7) being provided on at least one side wall, which extends the rear edge (17) of said side wall rearward. Shoes in which said toe box has been incorporated are able to protect toes adequately even when being impacted from the outside (little toe side) of the toes for which protection is inadequate with conventional work shoes having incorporated toe boxes.

No. of Pages : 65 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1410/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SECTIONAL OPTIMIZED TWIST BEAM

(51) International classification	:B60G21/05
(31) Priority Document No	:61/417,876
(32) Priority Date	:29/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/055351
Filing Date	:28/11/2011
(87) International Publication No	:WO 2012/073186
(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)MULTIMATIC PATENTCO LLC

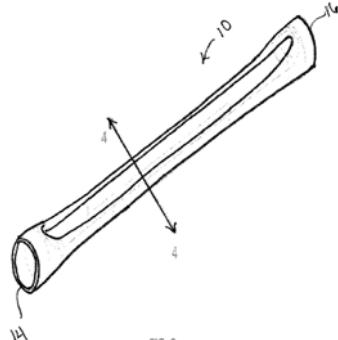
Address of Applicant :26475 American Drive, Southfield,
MICHIGAN 48034-6114, U.S.A.

(72)Name of Inventor :

1)LEE, Young

(57) Abstract :

A twist beam (10) is manufactured from a tube and has a shorter sectional perimeter in the V or U shape center section and a longer sectional perimeter at the beam ends (14, 16). The present disclosure therefore proposes to use a tubular member having a predetermined length. The tubular member is deformed at the center section of the tube into a V or U shape and then expanded at both end portions. This structure is formed using a closed die internal pressure forming process such as hydro, forming or blow molding or the like. The ends of the tubular member may also have a substantially oval or rectangular section. The tubular member of the present disclosure may also be heat treated in the closed die internal forming process to achieve a higher material strength. In this manner, the twist beam of the present disclosure is optimized to use the smallest possible section along its entire length, thus has a substantially lower mass and can be manufactured using less material and therefore at a substantially lower cost.



No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1411/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FAULT INTERRUPTING DEVICES AND CONTROL METHODS THEREFOR

(51) International classification	:H02H3/06
(31) Priority Document No	:61/412,081
(32) Priority Date	:10/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046113
Filing Date	:01/08/2011
(87) International Publication No	:WO 2012/064386
(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 RESEARCH LTD.

Address of Applicant :Affolternstrasse 44, CH-8050 Zurich Switzerland

(72)**Name of Inventor :**

1)MOUSAVID, Mirrasoul J.

2)TANG, Le

(57) Abstract :

Fault interrupting devices and methods for controlling the same are disclosed. The fault interrupting devices may include a switch (22) on an electrical power line (24) and a controller (26) configured to operate the switch. The methods for controlling fault interrupting devices may include gathering data determining from the data that a fault has occurred, opening the fault interrupting device to interrupt the fault, analyzing the data, and determining whether the fault interrupting device can be reclosed based at least partially on the analysis of the data.

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.316/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD TO IMPROVE ZINC COATABILITY OF ADVANCED HIGH STRENGTH STEELS (AHSS)

(51) International classification	:C22C 38/00	(71) Name of Applicant : 1)TATA STEEL LIMITED Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION,JAMSHEDPUR-831001,Jharkhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)BIPUL JEET 2)MONOJIT DUTTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a method to improve zinc coatability of Advanced High Strength Steels (AHSS) comprising cleaning in a first step the AHSS - sample by dipping into a solution of sodium hydroxide including a percentage of surfactant; a second - step cleaning of the AHSS sample in a solution of hydrochloric acid including inhibitors for an optimized period of time; rinsing and drying the cleaned sample; dipping the cleaned and dried steel sample in copper sulphate solution at room temperature for a period of 5-50 seconds, the thickness of the copper coating maintained in submicron range sufficient to shield segregation of alloying addition; rinsing and drying the copper coated steel sample; annealing the copper-coated dry sample under varying annealing atmosphere including annealing cycles with dew point between - 60°C and + 20°C, and under HNX atmosphere wherein H2 range in the furnace being 0 - 25%; and galvanizing the coated and annealed AHSS sample in hot-dip galvanizing bath. Show galvanized dual phase steel samples with an intermediate copper coating, annealed in a reducing atmosphere and a successive oxidizing-reducing atmosphere and in high oxidation potential atmosphere respectively, the encircled spots marked 1 and 2 on the sample surface being the marks of GDOES analysis.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1333/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COPPER ALLOY

(51) International classification	:C22C9/00
(31) Priority Document No	:10 2010 038 060.0
(32) Priority Date	:08/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2011/001598
Filing Date	:16/08/2011
(87) International Publication No	:WO 2012/062248
(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)KME GERMANY GMBH & CO. KG

Address of Applicant :Klosterstrasse 29 49074 Osnabrück
GERMANY

(72)Name of Inventor :

1)HELMENKAMP,Thomas

2)RODE,Dirk

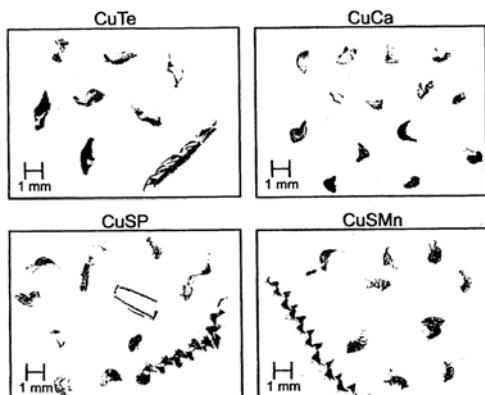
3)QUADFASEL,Uwe

4)SCHULZE,Hark

(57) Abstract :

The invention relates to alloys based on copper which comprise additives of manganese and sulfur and/or calcium and tramp elements. The copper alloys are free of tellurium and lead and are characterized by high electrical conductivity and good machinability.

Spanbildung



No. of Pages : 18 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1334/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICES AND METHODS FOR IN SITU FENESTRATION OF A STENT-GRAFT AT THE SITE OF A BRANCH VESSEL

(51) International classification	:A61F2/06,A61B17/12	(71) Name of Applicant : 1)W. L. GORE & ASSOCIATES,INC. Address of Applicant :555 Paper Mill Road, Newark, DE 19711, U.S.A.
(31) Priority Document No	:61/414,065	
(32) Priority Date	:16/11/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/058948	(72) Name of Inventor :
Filing Date	:02/11/2011	1)SHAW,Edward,E.
(87) International Publication No	:WO 2012/067823	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure includes a stent graft (102) comprising a first portion that is configured to engage a vessel wall (100) a second portion that is configured not to engage the vessel wall, and a perfusion window (116) that is configured to permit blood flow. The stent graft may further comprise a transition portion between the first portion and the second portion, and the perfusion window may be formed in the first portion, the second portion, and/or the transition portion. In a variety of embodiments, one of the first and the second portion may have a smaller diameter than the other. Similarly, in a variety of embodiments the transition portion may be frustoconically shaped.

No. of Pages : 27 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1335/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NI-BASED AMORPHOUS ALLOY WITH HIGH DUCTILITY, HIGH CORROSION RESISTANCE AND EXCELLENT DELAYED FRACTURE RESISTANCE

(51) International classification	:C22C45/04
(31) Priority Document No	:2010-235968
(32) Priority Date	:20/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/074079
Filing Date	:19/10/2011
(87) International Publication No	:WO 2012/053570
(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)NAKAYAMA STEEL WORKS, LTD.

Address of Applicant :1-66,Funamachi 1-chome,Taisho-ku,Osaka-shi Osaka 5518551,JAPAN.

2)TOHOKU UNIVERSITY

(72)**Name of Inventor :**

1)KURAHASHI Ryurou

2)MIMURA Tsunehiro

3)AMIYA Kenji

4)SAOTOME Yasunori

(57) Abstract :

Provided is a fully fledged industrial use material amorphous alloy with a wide range of applications, that solves the issues of delayed fractures and ductility, etc., and that includes: 63 at% or more Ni; 10% 25 at% B, as a semimetal for amorphization; and one or more of Cr, Mo, or Nb for the remainder.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1404/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR PREVENTION AND TREATMENT OF CARDIAC HYPERTROPHY

(51) International classification	:A61K31/497	(71) Name of Applicant :
(31) Priority Document No	:61/409,781	1)UNIVERSITY OF HAWAII
(32) Priority Date	:03/11/2010	Address of Applicant :OTTED,2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/058967	(72) Name of Inventor :
Filing Date	:02/11/2011	1)STOKES, Alexander
(87) International Publication No	:WO 2012/061505	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods are provided of treating cardiac hypertrophy in a mammalian subject comprising administering to the subject an anti-hypertrophic effective amount of an ion channel TRPV1 inhibitor. The methods include treatment of a symptom of cardiac hypertrophy in the subject comprises cardiac remodeling, cardiac fibrosis, apoptosis, hypertension, or heart failure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1405/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGHLY UNIFORM SPUNBONDED NONWOVEN FABRICS

(51) International classification	:D04H3/011
(31) Priority Document No	:61/393,232
(32) Priority Date	:14/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055193
Filing Date	:07/10/2011
(87) International Publication No	:WO 2012/051056
(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)FIBERWEB, INC.

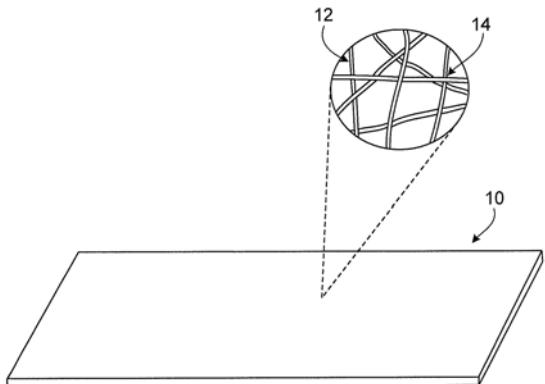
Address of Applicant :70 Old Hickory Blvd., Old Hickory, Tennessee 37138-3651 U.S.A.

(72)Name of Inventor :

1)BAKER, Jr., John F.

(57) Abstract :

Highly uniform spunbonded nonwoven fabrics, as well as related fibers, products, machines, and methods, are disclosed.



No. of Pages : 34 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1406/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTIBODIES TO NOTUM PECTINACETYLESTERASE

(51) International classification :A61K39/395,A61K39/00
(31) Priority Document No :61/416,927
(32) Priority Date :24/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/061785
 Filing Date :22/11/2011
(87) International Publication No :WO 2012/071381
(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)LEXICON PHARMACEUTICALS, INC.

Address of Applicant :8800 Technology Forest Place, The Woodlands, TX 77381-1160 U.S.A.

(72)**Name of Inventor :**

1)BROMMAGE, Robert, Joseph, Jr.

2)FENG, Xiao

3)HONG, Seokjoo

4)LANDES, Gregory

5)LIU, Jeff

6)POTTER, David, George

7)POWELL, David, Reed

(57) Abstract :

Antibodies that neutralize Notum Pectinacetylesterase are described, as well as compositions comprising them, and methods of their use to treat diseases and disorders affecting the bone.

No. of Pages : 97 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1473/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHAPED CATALYST BODY FOR FLOW-THROUGH FIXED-BED REACTORS

(51) International classification :B01J35/02,C07C51/215,C07C51/25
(31) Priority Document No :10 2010 052 126.4
(32) Priority Date :22/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/070695
Filing Date :22/11/2011
(87) International Publication No :WO 2012/069481
(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)**SÜD-CHEMIE IP GMBH & CO. KG**

Address of Applicant :Lenbachplatz 6, 80333 München,
GERMANY

(72)Name of Inventor :

1)**REITZMANN Andreas**

2)**BRANDSTÄDTER Willi Michael**

3)**STREIFINGER Leopold**

4)**ESTENFELDER Marvin**

(57) Abstract :

The invention relates to a catalyst shaped body for the catalytic reaction of organic and inorganic components in fixed-bed reactors, wherein the catalyst shaped body is designed as a cylinder having a base surface, a cylinder surface, a cylinder axis and at least one completely penetrating opening running parallel to the cylinder axis, and the base surface of the cylinder has at least four corners.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.318/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A MODIFIED SPACER RING WITH A TEMPERATURE MEASURING ELEMENT MOUNTABLE ON A THRUST BEARING OF A CENTRIFUGAL COMPRESSOR

(51) International classification	:F01D 25/12	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISIONS (ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091. West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)VINEET KUMAR NEMA 2)YERRAPRAGADA VENKATA RAMA LAKSHMI 3)SESHADRI DURAIRAJ 4)POTINENI NAGESWARA RAO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is provided with an improved spacer ring with a temperature measuring element mountable on a thrust bearing adaptable to a centrifugal compressors comprising, a 'Y' shaped groove (1) undercut at the parting plane of a bottom part of spacer ring (2) and two parallel arms of 'Y' shaped groove (3, 4) on both sides of the annular space (5) between the oil control ring and spacer ring to accommodate the TME lead wires, which are routed through the bottom arm of 'Y' shaped groove (5) and a small rectangular shaped clamp (6) mounted on the undercut groove with two fasteners (7, 7) to keep the TME lead wire (8) from falling into the oil drain chamber.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1414/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A MODIFIED HUMAN U1SNRNUA MOLECULE, A GENE ENCODING FOR THE MODIFIED HUMAN U1SNRNUA MOLECULE, AN EXPRESSION VECTOR INCLUDING THE GENE, AND THE USE THEREOF IN GENE THERAPY

(51) International classification :A61K31/7105,C12N15/113,A61K48/00
(31) Priority Document No :TO2010A000840
(32) Priority Date :15/10/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/054573
Filing Date :14/10/2011
(87) International Publication No :WO 2012/049665
(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)UNIVERSITA' DEGLI STUDI DI FERRARA

Address of Applicant :Via Savonarola 9 I-44121 Ferrara
ITALY

(72)Name of Inventor :

1)PAGANI, Franco

2)PINOTTI, Mirko

(57) Abstract :

A modified human U1snRNA molecule is described the target sequence of which is located in a region of the pre mRNA of the target gene comprised between 2 and 50 base pairs downstream of an exon/intron junction site, which is capable of restoring the correct splicing of a target gene of therapeutic interest bearing a mutation which induces exon skipping and resulting in a genetic disease. Modified human U1snRNA molecules are described by way of example for the correction of diseases associated with exon skipping, such as spinal muscular atrophy, hemophilia B, and cystic fibrosis.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1415/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STENT-GRAFT HAVING FACING SIDE BRANCH PORTALS

(51) International classification	:A61F2/06,A61F2/84
(31) Priority Document No	:61/413,855
(32) Priority Date	:15/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/058938
Filing Date	:02/11/2011
(87) International Publication No	:WO 2012/067821
(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.

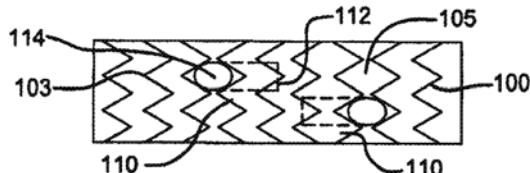
Address of Applicant :555 Paper Mill Road, Newark, DE
19711 U.S.A.

(72)Name of Inventor :

1)SHAW, Edward, E.

(57) Abstract :

In various embodiments, a device for treating disease of a vessel includes a stent graft (100) having an outer surface; and at least two side branch portals (110) each having a proximal ends and a distal end. Each distal end is substantially contiguous with the outer surface of the stent graft. In various other embodiments, the distal ends are generally axially further spaced apart than the proximal ends.



No. of Pages : 23 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1416/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K47/30,A61K31/421,A61K31/4192
(31) Priority Document No	:61/408,830
(32) Priority Date	:01/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/058743
Filing Date	:01/11/2011
(87) International Publication No	:WO 2012/061360
(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)RIB-X PHARMACEUTICALS, INC.

Address of Applicant :300 George Street, Suite 301, New Haven, CT 06511 U.S.A.

(72)Name of Inventor :

1)BURAK, Eric, S.

2)LI, Danping

3)DRESBACK, David, S.

(57) Abstract :

The present invention relates to carrier systems useful for pharmaceutical compositions. These carriers comprise an emulsifier, and also in further embodiments a polymeric dissolution aid. These carriers are useful for delivering pharmaceutical actives such as antimicrobial agents.

No. of Pages : 78 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2013

(21) Application No.256/KOL/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATICALLY SELECTING AND CONTACTING AN EMERGENCY CONTACT PERSON BASED ON LOCATION

(51) International classification	:A61b	(71) Name of Applicant :
(31) Priority Document No	:13/429,941	1)INTUIT INC.
(32) Priority Date	:26/03/2012	Address of Applicant :2700 COAST AVENUE, MOUNTAIN
(33) Name of priority country	:U.S.A.	VIEW, CALIFORNIA 94043 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KUMAR VENKATRAMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A list of two or more emergency contact persons and contact information for the two or more emergency contact persons is created. The locations of the emergency contact persons on the emergency contact list are then tracked. When an emergency contact feature is activated by a user, the location of the user/emergency and the locations of the emergency contact persons on the emergency contact list are automatically determined. The emergency contact person that is estimated to be geographically/physically, and/or temporarily, closest to the user, is then automatically identified and automatically contacted.

No. of Pages : 46 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.322/KOL/2012 A

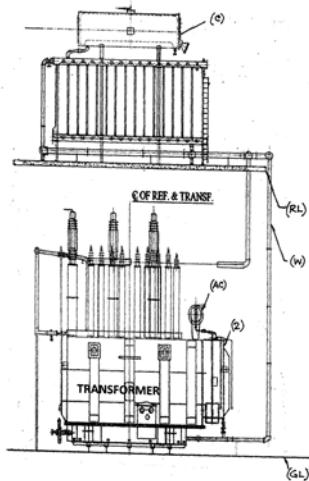
(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED POWER TRANSFORMER WITH VACUUM TYPE ON LOAD TAP CHANGER (OLTC) OPERABLE AT AN OIL-HEAD EXCEEDING TEN METERS

(51) International classification	:H03K 17/00	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091, West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)MR. RAJENDRA KUMAR MOHAPATRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to an improved power transformer with vacuum type on load tap changer (OLTC) operable at an oil-head exceeding ten meters, comprising a magnetic core, a high-voltage (HV) winding, a set of a low-voltage (LV) winding, a transformer tank, and a vacuum type on load tap changer (OLTC); and a conservator (C) disposed at a height exceeding ten meters above the transformer tank, the transformer tank is configured into two halves, the first half accommodating the magnetic core-coil assembly and the second half housing the vacuum OLTC, the two halves being separated by a steel wall (W) having a plurality of cut-outs, the cut-outs provided with insulated terminal board (TB) with corresponding numbers of terminal bushings (B) allowing connection between the coils and the OLTC, and in that the second half is smaller in size than the first half and provided with an auxiliary conservator (AC) leading to maintaining of oil-head pressure on the vacuum OLTC in the range of 0.1 kg/sq.cm which is equivalent to 1 meter oil head.



No. of Pages : 14 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1387/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/315
(31) Priority Document No	:1051211-9
(32) Priority Date	:18/11/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/051389
Filing Date	:18/11/2011
(87) International Publication No	:WO 2012/067582
(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)SHL Group AB

Address of Applicant :IP Department, Box 1240,
Augustendalsvägen 19, SE-13128 Nacka Strand SWEDEN

(72)Name of Inventor :

1)HOLMQVIST, Anders

(57) Abstract :

The invention relates to a medicament delivery device comprising a housing arranged to receive a medicament container (20), a drive unit (25) arranged to act on a stopper (27) in said medicament container (20), which drive unit (25) comprises a torsion drive spring (50). A dose setting member (56) is operably connected to said drive unit (25) such that a manual turning of said dose setting member (56) causes a tensioning of said torsion drive spring (50). The device further comprises an activation mechanism (76) having an activation button (94) protruding through the distal end of the device wherein said activation mechanism (76) is operably connected to said drive unit (25) such that actuation of said activation mechanism (76) causes a release of said drive unit (25) whereby a set dose of medicament is delivered.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1388/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR TRANSMITTING CONTROL INFORMATION AND APPARATUS FOR SAME

(51) International classification	:H04L1/18,H04L27/26,H04B7/26
(31) Priority Document No	:61/392,023
(32) Priority Date	:11/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/007521
Filing Date	:11/10/2011
(87) International Publication No	:WO 2012/050340
(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)LG ELECTRONICS INC.

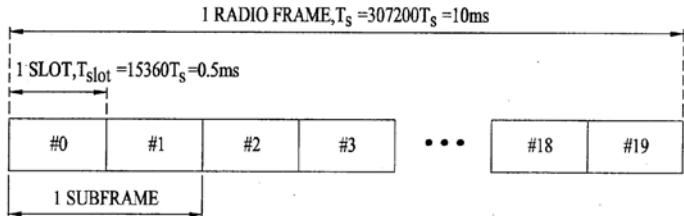
Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu
Seoul 150-721 REPUBLIC OF KOREA

(72)Name of Inventor :

- 1)YANG, Suckchel
- 2)KIM, Mingyu
- 3)HAN, Seunghee
- 4)LEE, Hyunwoo

(57) Abstract :

The present invention pertains to a wireless communication system. Particularly, the present invention relates to a method for transmitting uplink control information and an apparatus for the same, wherein the method comprises the steps of: selecting one uplink control channel resource corresponding to a plurality of HARQ ACKs, from a plurality of uplink control channel resources; and transmitting a bit value corresponding to the plurality of HARQ ACKs through the use of the selected uplink control channel resource.



No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1389/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTIDIMENSIONAL MODELING OF SOFTWARE OFFERINGS

(51) International classification	:G06F9/44
(31) Priority Document No	:13/031,950
(32) Priority Date	:22/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/031216
Filing Date	:05/04/2011
(87) International Publication No	:WO 2012/115668
(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)INTUIT INC.

Address of Applicant :2700 Coast Avenue, Mountain View, California 94043 U.S.A.

(72)**Name of Inventor :**

1)LABAT, Jerome

2)VARADHARAJAN, Ramachandran

3)LAU, Wilson, W.

4)BISHOP, Thomas, C.

(57) Abstract :

The disclosed embodiments provide a system that facilitates the deployment and execution of a software offering. During operation, the system obtains a service definition of the software offering and a resource definition of resources available for use by the software offering. Next, the system creates a multidimensional model of the software offering by mapping a first set of elements from the service definition to a second set of elements from the resource definition. Finally, the system uses the multidimensional model to manage the deployment and execution of the software offering without requiring manual configuration of the resources by a user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.325/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED THERMO SIPHON FILTER DEVICE FOR CONTINUOUS FILTERING OF CONTAMINATED TRANSFORMER OIL

(51) International classification	:B01D 37/04	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091, West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)R.K. MOHAPATRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to an improved thermo siphon filter device (TSF1) for continuous filtering of contaminated oil (8) in operating power transformers to provide un-interrupted power supply, the device comprising a metallic container (2) allowing passage of contaminated transformer oil for separation of water particles including associated impurities from the oil, a pair of valve means (4, 7) for allowing egress of contaminated oil (8) from inside the power transformer to the thermo siphon filter device (TSF1), and ingress of filtered oil from the filter device to the transformer, the improvement is a plurality of removable perforated trays (5) forming a stack, each tray accommodating an adsorbent (3) and disposed one above the other, the removable perforated trays being interposed in said metallic container (2) such that the contaminated oil (8) passes through the perforated trays (5) containing the adsorbent (3) and allows a continuous filtering of the oil (8).

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1352/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR DYEING KERATIN FIBRES USING HYDROXYBENZALDEHYDE DERIVATIVES ,OXIDIZING AGENTS AND ALKALINIZING AGENTS IN THE PRESENCE OF HEAT

(51) International classification :A61Q5/10,A61K8/31,A61K8/368
(31) Priority Document No :1060792
(32) Priority Date :20/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/071743
Filing Date :05/12/2011
(87) International Publication No :WO 2012/084472
(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)L'OREAL

Address of Applicant :14,rue Royale, F-75008 Paris,FRANCE

(72)**Name of Inventor :**

1)RONDOT,Christophe

2)SABELLE,Stéphane

(57) Abstract :

One subject of the invention is a process for dyeing keratin fibres, especially the hair, using i)at least one hydroxybenzaldehyde derivative, ii)at least one oxidizing agent, and iii) at least one alkalinizing agent in the presence of heat. Another subject of the invention is a cosmetic composition for dyeing keratin fibres comprising the ingredients i)to iii)as defined previously. Another subject of the invention is a multicompartiment device comprising the ingredients i),ii)and iii). This dyeing process makes it possible to obtain better colorations that are chromatic, intense and long-lasting without the use of oxidation bases such as para-phenylenediamines and para-aminophenols.

No. of Pages : 69 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1353/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INDOLE DERIVATIVES

(51) International classification :C07D403/04,C07D403/14,C07D413/12
(31) Priority Document No :P1000598
(32) Priority Date :05/11/2010
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2011/000104
Filing Date :04/11/2011
(87) International Publication No :WO 2012/059776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)BÉNYEI,Gyula Attila
3)BORZA,István
4)BOZÓ,Éva
5)FARKAS,Sándor
6)HORNOK,Katalin
7)PAPP,Andrea
8)VÁGÓ,István
9)VASTAG,Mónika

(57) Abstract :

The present invention relates to the indole derivatives of formula (I), wherein R1 - R6 and X are defined in the claims and optical antipodes or racemates and/or salts thereof which are selective antagonists of bradykinin B1 to process for producing these compounds, pharmacological compositions containing them and to their use in therapy or prevention of painful and inflammatory conditions.

No. of Pages : 140 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1421/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR REMOTELY CONTROLLING PERIPHERAL DEVICES IN MOBILE COMMUNICATION TERMINAL

(51) International classification	:H04Q9/00,H04W88/02
(31) Priority Document No	:1020110000370
(32) Priority Date	:04/01/2011
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2012/000077
Filing Date	:04/01/2012
(87) International Publication No	:WO 2012/093848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)KIM Du Seok

2)PARK Hyun Cheol

3)KIM Giu Yeol

4)YANG Jun Mo

5)SHIN Dong Yun

6)JEONG Hyo Yong

(57) Abstract :

According to one embodiment, a method for remotely controlling peripheral devices in a mobile communication terminal includes acquiring a profile for a controlled device, configuring a control application for the controlled device based on the acquired profile, and controlling the controlled device using the configured control application.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1422/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR CONNECTING A CIRCUIT BREAKER

(51) International classification

:H02G5/02,H02G5/06

(31) Priority Document No

:10 2010 050 654.0

(32) Priority Date

:09/11/2010

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2011/005564

Filing Date

:04/11/2011

(87) International Publication No

:WO 2012/062434

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ABB AG

Address of Applicant :Kallstadter Str. 1, 68309 Mannheim,
GERMANY

(72)Name of Inventor :

1)GRAF, Ralf

(57) Abstract :

The invention relates to an arrangement (10, 22, 24) for connecting a circuit breaker in a circuit, in particular in a switchgear combination, having conductors (14) designed in the form of busbars and supported against each other for receiving forces resulting from normal operating behavior and from short circuit situations, wherein said arrangement is characterized in that the conductors (14) are disposed in at least two part claddings (14) each completely peripherally enclosing the respective conductor (14) and serving as electrical insulation.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.307/KOL/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MEASURING DEVICE

(51) International classification	:G01N27/02
(31) Priority Document No	:102012005637.0
(32) Priority Date	:22/03/2012
(33) Name of priority country	:Argentina
(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)KROHNE MESSTECHNIK GMBH,

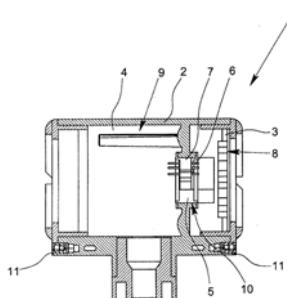
Address of Applicant :LUDWIG-KROHNE-STRASSE 5,
47058 DUISBURG GERMANY

(72)Name of Inventor :

1)ACHIM MATT

(57) Abstract :

Described and shown is a measuring device (1) with a housing (2) and two electronic devices (3, 4). The object of the invention is to provide a measuring device whose electronics are modular, enabling easy adaptation to self-protection. The object is met with the measuring device being discussed here in that at least one encapsulated contact element (5) is provided that is designed separately from the electronic units (3, 4) and the housing (2) and is arranged between the two electronic units (3, 4). Furthermore, the contact element (5) has at least one electronic transmission element (6) for creating an electric connection between the two electronic units (3, 4).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.326/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD FOR MAKING STATOR CORE OF AN AXIAL FLUX PERMANENT MAGNET MACHINE (PMM)

(51) International classification

:H02K

3/46

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No
Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number
Filing Date

:NA

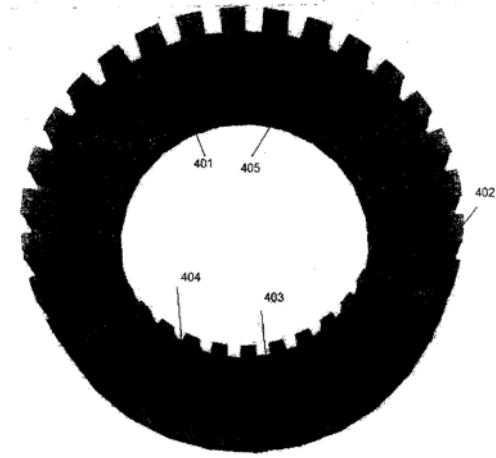
(62) Divisional to Application Number
Filing Date

:NA

:NA

(57) Abstract :

The invention relates to a method for making the stator core of an axial flux permanent magnet machine (PMM) is provided. The method includes the usage of HGL (Hardened glass laminate) rings instead of (Stainless steel) SS-316 rings inside and outside the stator core which is made up of CRNGO Si (Cold Rolled Non Grain Oriented Silicon) laminated sheet. The method describes the ease of fabrication of stator core of an axial flux permanent magnet machine (PMM). The method includes the reduction of eddy current losses in the stator core of an axial flux permanent magnet machine. The method also includes the reduction of weight of stator core of an axial flux permanent magnet machine.



No. of Pages : 13 No. of Claims : 3

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGION CAL OPERATIONS
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2)UDAY KUMAR MUDHIGOLLAM

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1269/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FORMING OF METALLIC GLASS BY RAPID CAPACITOR DISCHARGE FORGING

(51) International classification	:C22F1/00,C21D1/34,C21D11/00
(31) Priority Document No	:61/392,560
(32) Priority Date	:13/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/056194
Filing Date	:13/10/2011
(87) International Publication No	:WO 2012/051443
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

- 1)KALTENBOECK, Georg
- 2)SCHRAMM, Joseph, P.
- 3)DEMETRIOU, Marios, D.
- 4)JOHNSON, William, L.

(57) Abstract :

A forging apparatus and method of uniformly heating, rheologically softening, and thermoplastically forming metallic glasses rapidly into a net shape using a rapid capacitor discharge forming (RCDF) tool are provided. The RCDF method utilizes the discharge of electrical energy stored in a capacitor to uniformly and rapidly heat a sample or charge of metallic glass alloy to a predetermined process temperature between the glass transition temperature of the amorphous material and the equilibrium melting point of the alloy in a time scale of several milliseconds or less. Once the sample is uniformly heated such that the entire sample block has a sufficiently low process viscosity it may be shaped into high quality amorphous bulk articles via forging in a time frame of less than 1 second.

No. of Pages : 62 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2013

(21) Application No.1270/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NON POWERED CONCEPTS FOR A WIRE FRAME OF FLUID FILLED LENSES

(51) International classification	:G02C5/14
(31) Priority Document No	:61/391,827
(32) Priority Date	:11/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055707
Filing Date	:11/10/2011
(87) International Publication No	:WO 2012/051154
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)NIBAUER, Lisa

2)PETERSON, Matthew, Wallace

3)SENATORE, Daniel

4)SCHNELL, Urban

5)HAROUD, Karim

(57) Abstract :

Various embodiments of a non powered actuator arm for controlling liquid flow to a fluid filled lens are described herein. A vertical tweezer assembly compresses a reservoir of solution in a first vertical direction by lateral disposition of a slider mounted on the outside of the housing. The assembly may also be shaped to provide compression of the reservoir in a second horizontal direction by lateral disposition of a slider. In another embodiment a housing may contain a piston that moves laterally within the housing and collapses the reservoir disposed adjacent to the piston and also within the housing. The housing may contain a plurality of compressible domes which can each be compressed to cause a local compression on the reservoir disposed within the housing. Compression of the reservoir causes liquid inflation of a lens module.

No. of Pages : 29 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1349/KOLNP/2013 A

(43) Publication Date : 27/09/2013

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

(51) International classification :B60W10/02,B60K6/22,B60K6/48
(31) Priority Document No :2010-241796
(32) Priority Date :28/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073391
Filing Date :12/10/2011
(87) International Publication No :WO 2012/056881
(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)TOKI,Yoshimasa

(57) Abstract :

Provided is a control device for controlling a hybrid vehicle including: an internal combustion engine; an electric motor for starting the internal combustion engine; an inverter (35) for controlling the electric motor; a clutch for cutting off power transmission between the internal combustion engine and the electric motor; and a battery (30) for supplying power to the electric motor. The control device includes: a voltage detection means for detecting the voltage of the battery (30); a voltage control means for controlling the output from the battery (30) in accordance with a first power value that can be output at the time within the range of a clamping voltage of the battery (30); and an internal combustion engine starting means for fastening the clutch, controlling the inverter (35) and starting the internal combustion engine by the output from the battery (30) controlled by the voltage control means.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.328/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR ERROR DETERMINATION IN A RECONFIGURABLE INTEGRATED CIRCUIT

(51) International classification	:G06F 17/50
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

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(72)Name of Inventor :

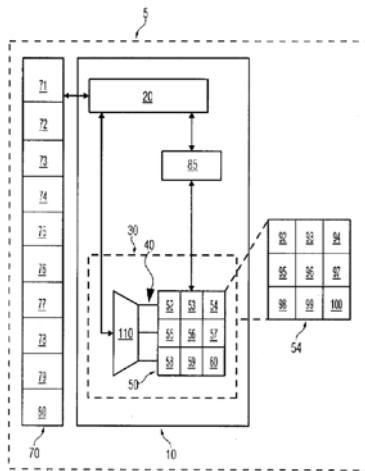
1)VIJAY BARAIYA

2)NEELAMEGAM SUBRAMANI

3)HARSHIT TIWARI

(57) Abstract :

Disclosed herein are a method and a system (5) for error determination in a reconfigurable IC (10). A reconfigurable hardware portion (30) of the reconfigurable IC (10) is divided into a first (52) and a second tile (53), wherein each tile comprises a plurality of CLBs (92-100). A first and a second function are executed on the first (52) and the second tiles (53) respectively to determine a respective first (182) and a second output (183) . The first (182) and the second outputs (183) are compared with a first (152) and a second predefined output (153) respectively. The second and the first functions are executed on the first (52) and the second tiles (53) respectively to determine a respective third (212) and a fourth output (213), if the first output (182) is unequal to the first predefined output (152), thereby determining an error from the first tile (52).



No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1341/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CORE NETWORK AND COMMUNICATION SYSTEM

(51) International classification :H04W28/22,H04W88/18
(31) Priority Document No :2010-254073
(32) Priority Date :12/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075898
 Filing Date :10/11/2011
(87) International Publication No :WO 2012/063890
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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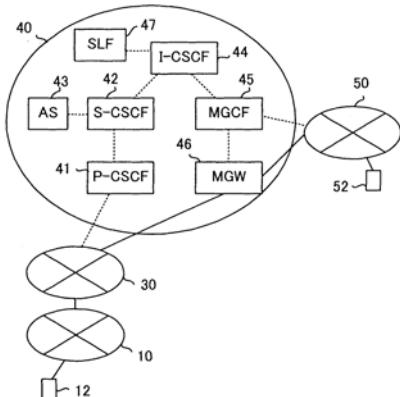
(72)Name of Inventor :

1)TANAKA,Itsuma

2)TOKUNAGA,Kazuhito

(57) Abstract :

A core network that is connected to a mobile communication network and a network, and that establishes voice communications between communication devices, receives, from the mobile communication device, an incoming notification response that indicates at least one codec that can be used on an incoming mobile communication device. The core network specifies, as a codec that should be used by the incoming mobile communication device, a shared codec from among originating codec and at least one codec that can be used by the incoming mobile communication device indicated in the incoming notification response, or a codec having the closest transmission rate to the transmission rate of the originating codec that can be used on the core network and the incoming mobile communication device.



No. of Pages : 41 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE DEVICE, COMMUNICATION CONTROL DEVICE ,AND HANDOVER CONTROL METHOD

(51) International classification :H04W36/14,H04W8/22,H04W36/38
(31) Priority Document No :2010-249079
(32) Priority Date :05/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074975
Filing Date :28/10/2011
(87) International Publication No :WO 2012/060300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)AOYAGI,Kenichiro

2)MATSUTANI,Hideyuki

3)SUGANO,Kiminobu

4)NAKAMURA,Yuichiro

(57) Abstract :

Disclosed is a mobile device which is capable of keeping down connection delay and of cutting radio resources used when performing a handover between multiple radio communication systems with different radio access technologies than that used by the mobile device; also disclosed are a communication control device and a handover control method. A UE (300) is provided with: a message receiving unit (303) which when the UE (300) is being handed over from a first radio communication system to a second radio communication system, receives either a command for takeover by the second radio communication system of a RAB (500a) or a RAB (500b) configured between the UE (300) and the first radio communication system, or a command for substitution of the format of the RAB (500a) or the RAB (500b); and a radio access bearer configuration unit (305) which, if an undesigned radio access bearer is configured which is not designated in the takeover command or the replacement command received by the message receiving unit (303), releases the undesigned radio access bearer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1440/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPATCHING MOBILE ENERGY RESOURCES TO RESPOND TO ELECTRIC POWER GRID CONDITIONS

(51) International classification :B60L11/18,B60L15/20,H02J3/00
(31) Priority Document No :61/408,157
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028598
Filing Date :16/03/2011
(87) International Publication No :WO 2012/057846
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MOHAGHEGHI, Salman

2)TOURNIER, Jean-Charles

(57) Abstract :

Systems and methods for responding to electric power grid conditions may include identifying a portion of the electric power grid for power response, identifying at least one mobile energy resource and at least one connection site, and dispatching the mobile energy resource to a connection site.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1441/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CATALYTIC HYDROPYROLYSIS OF ROGANOPHILIC BIOMASS

(51) International classification	:C10L1/02
(31) Priority Document No	:12/917,996
(32) Priority Date	:02/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/054675
Filing Date	:04/10/2011
(87) International Publication No	:WO 2012/060961
(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)KIOR INC.

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(72)**Name of Inventor :**

1)BARTEK, Robert

2)BRADY, Michael

3)STAMIRES, Dennis

(57) Abstract :

A process for producing fuel from biomass is disclosed herein. The process includes torrefying biomass material at a temperature between 80°C and 300°C to form particulated biomass having a mean average particle size from about 1 μm to about 1000 μm . The particulated biomass is mixed with a liquid to form a suspension, wherein the liquid comprises bio- oil, wherein the suspension includes between 1 weight percent to 40 weight percent particulated biomass. The suspension is fed into a hydropyrolysis reactor; and at least a portion of the particulated biomass of the suspension is converted into fuel.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.330/KOL/2012 A

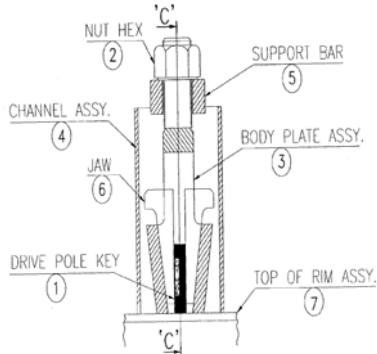
(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED DEVICE FOR EXTRACTION OF POLE KEYS ENGAGING HYDROGENERATOR ROTOR POLES RELEASABLY ATTACHED TO RIM PUNCHING SLOTS AND END PLATES

(51) International classification	:H02K 5/24	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091, West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72)Name of Inventor : 1)MR. HAZARILAL 2)MR. KAILASH NARAYAN SINGH 3)MR. AMIT KUMAR VERMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to an improved device for extraction of pole keys engaging hydrogenerator rotor poles releasably attached to rim punching slots and end plates; comprising : a body plate (3) having a top-threaded portion placed over an extractable pole key (1); a pair of taper jaws (6) are insert inside groove of body plate(3) which firmly hold the pole key (1); a channel assy (4) positionable on an end plate (7) attached to the pole key(1); a pair of support bar (5) located over the channel assy (4); and a nut (2) insertable on said top-threaded portion of the body plate (3), wherein when the nut (2) is rotated causing the body plate (3) to dislodge the pole key (1) from the rotor slot, and wherein the taper jaws is actuated to apply simultaneous force at the bottom of the pole key (1) enabling extraction of the pole key (1).



No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1384/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SLIDABLE BLADE TO BE MOUNTED ON A DRUM OF TOBACCO CUTTER

(51) International classification	:B26D1/00,B26D1/36	(71) Name of Applicant : 1)INTERNATIONAL TOBACCO MACHINERY POLAND SP. Z O.O. Address of Applicant :ul. Warsztatowa 19a, PL-26-600 Radom POLAND
(31) Priority Document No	:392834	
(32) Priority Date	:03/11/2010	
(33) Name of priority country	:Poland	
(86) International Application No	:PCT/PL2011/050045	
Filing Date	:03/11/2011	
(87) International Publication No	:WO 2012/060725	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SIEREDZINSKI, Marek
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A slideable blade mounted on a tobacco cutter drum, in the form of a flat plate bevelled on the rim forming the cutting edge, wherein said flat plate (1, 1) comprises on at least one of the surfaces a plurality of longitudinal grooves (2, 2) of the depth that is smaller than or equal to the thickness of the said plate, the grooves being oriented substantially perpendicularly to the cutting edge (3, 3') of the said plate and being arranged substantially in parallel to one another at distances, in at least two series (a, a b, b c, c') parallel to the cutting edge, said grooves (2, 2) being situated in consecutive rows in such a way that the longitudinal axis of each groove lies on a line situated between the grooves of the adjacent rows.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1385/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FILTER CIRCUIT, AND BIDIRECTIONAL POWER CONVERSION APPARATUS PROVIDED WITH SAME

(51) International classification	:H02M1/44,H02M7/48
(31) Priority Document No	:2010-250954
(32) Priority Date	:09/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/072621
Filing Date	:30/09/2011
(87) International Publication No	:WO 2012/063573
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 8060004 JAPAN.

(72)Name of Inventor :

1)HIGUCHI, Tsuyoshi

2)HARA, Hidenori

(57) Abstract :

Provided is a filter circuit to be used in a power conversion apparatus that conducts bidirectional exchanges of electric energy, and wherein noise conducted and higher harmonics are reduced regardless of the moving direction of the electric energy. The filter circuit is provided with: a first filter (4) comprising two first capacitors (C1) connected in series two single phase AC reactors (L2) each of which has one end thereof connected to one end of each of the two first capacitors (C1), a second capacitor (C2) that has one end thereof connected to a neutral point between the two first capacitors (C1), and a third capacitor (C3) that is connected between the other ends of the two single phase AC reactors (L2); and a second filter (2) comprising two common mode choke coils (L3), and two fourth capacitors (C4) connected in series between one ends of the two common mode choke coils (L3).

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2012

(21) Application No.1456/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEGMENTED ROTOR IN ROTOR ASSEMBLY

(51) International classification

:F04D17/16

(31) Priority Document No

:13/427,158

(32) Priority Date

:22/03/2012

(33) Name of priority country

:U.S.A.

(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)GM GLOBAL TECHNOLOGY OPERATIONS LLC

Address of Applicant :300 GM RENAISSANCE CENTER,
DETROIT, MICHIGAN 48265-3000, U.S.A.

(72)Name of Inventor :

1)EDWARD L. KAISER

2)PETER BOSTWICK

3)PANKAJ MITHAL

(57) Abstract :

A rotor assembly is provided. The assembly includes a hub and a rotor core having a first rotor lamination positioned at least partially around the hub. The first rotor lamination is at least partially defined by a first segment and a second segment that are configured to connect or interlock. The first segment includes a projection extending from a first body. The projection is configured to engage with a corresponding notch in the second segment in order to connect the first segment to the second segment. At least one first mounting tab extends from the first body and is configured to engage with a corresponding first groove on an outer periphery of the hub in order to connect the first segment to the hub.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1399/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PRODUCTION METHOD FOR PNEUMATIC TIRE

(51) International classification	:B29D30/30,B60C5/04,B60C5/14
(31) Priority Document No	:2010-256727
(32) Priority Date	:17/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/063936
Filing Date	:17/06/2011
(87) International Publication No	:WO 2012/066816
(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)SUMITOMO RUBBER INDUSTRIES, LTD.

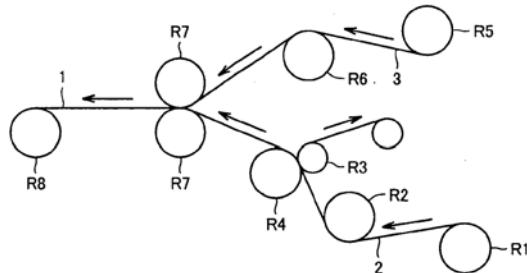
Address of Applicant :6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN.

(72)Name of Inventor :

1)SUGIMOTO, Mutsuki

(57) Abstract :

In this production method for a pneumatic tire provided with an inner liner in the inside of the tire, the formation of a green tire comprises: an assembly process (a) in which the end of the inner liner in the width direction and the end of the unvulcanized rubber sheet in the width direction are both shifted along the width direction to be 50mm-500mm apart, then bonded to produce a laminated body; a cutting process (b) in which the laminated body is cut to be a certain length corresponding with the drum width, and a cut sheet is produced; and a joining process (c) in which the cut sheet is wrapped around the entire circumference of the drum so that the cut surface is aligned with the circumferential direction of the drum and the inner liner is on the interior side then the end of the inner liner and the end of the unvulcanized rubber sheet are joined so that the ends are positioned with a certain distance therebetween. The inner liner used in this production method is a composite layer comprising: a first layer, containing a styrene isobutylene styrene block copolymer and having a thickness of 0.05mm-0.6mm; and a second layer, positioned on the side of the unvulcanized rubber sheet, composed of a thermal plastic elastomer, and having a thickness of 0.01mm- 0.3mm.



No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1417/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PUMP

(51) International classification	:B01F5/12,B01F3/08,B01D11/04
(31) Priority Document No	:20106247
(32) Priority Date	:26/11/2010
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2011/051035
Filing Date	:24/11/2011
(87) International Publication No:	WO 2012/069703
(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)OUTOTEC OYJ

Address of Applicant :Riihitontuntie 7, FI-02200 Espoo FINLAND

(72)Name of Inventor :

1)LAITALA, Hannu

(57) Abstract :

A pump (1) for mixing two or more mutually insoluble liquid phases together into a dispersion and for feeding the dispersion into a mixer (2) and on into a solvent extraction settler (3). The inner space of the blade wheel housing (12) is bound in the upward direction by a cover plate (19), in which there is a central shaft bushing (21) for the drive shaft (16) sealed with a mechanical shaft seal (20); and that the discharge channel (18) opening is in the sidewall (13) of the blade wheel housing (12).

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1419/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BINDER BASED ON POLYURETHANE FOR PRODUCING CORES AND MOULDS USING ISOCYANATES CONTAINING A URETHONIMINE AND/OR CARBODIIMIDE GROUP, A MOULD MATERIAL MIXTURE CONTAINING SAID BINDER AND A METHOD FOR USING SAID BINDER

(51) International classification :C08G18/54,C08G18/79,C08K3/34
(31) Priority Document No :10 2010 051 567.1
(32) Priority Date :18/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001996
Filing Date :17/11/2011
(87) International Publication No :WO 2012/097766
(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)ASK CHEMICALS GMBH

Address of Applicant :ReisholzstraBe 16-18, 40721 Hilden,
GERMANY

(72)Name of Inventor :

1)CORNELISSEN, Carsten

2)KOCH, Diether

3)PRIEBE, Christian

(57) Abstract :

The invention relates to a binder based on polyurethane for producing cores and moulds using isocyanates containing urethonimine and/or carbodiimide groups. The invention also relates to a mould material mixture containing said binder, and to a method using said binder for producing moulds.

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1393/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FENESTRATION DEVICES, SYSTEMS, AND METHODS

(51) International classification :A61M25/00,A61F2/84,A61F2/86
(31) Priority Document No :61/414,155
(32) Priority Date :16/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060699
Filing Date :15/11/2011
(87) International Publication No :WO 2012/068048
(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, Newark, DE 19711 U.S.A.

(72)**Name of Inventor :**

1)CULLY, Edward, H.

(57) Abstract :

The present disclosure provides methods and apparatuses for guiding an endovascular tool such as a puncturing tool or an angioscope, in a radial direction, such as toward or through the sidewall of a vessel, stent, or stent graft using elongate members and specialized catheters. The present disclosure provides methods and apparatuses for locating branch vessels from within a grafted main vessel while maintaining continuous blood flow to the branch vessel. Another aspect of the present disclosure involves a reverse cannulation system particularly useful for stenting the abdominal aorta proximate the renal arteries and stenting the renal artery.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1394/KOLNP/2013 A

(43) Publication Date : 27/09/2013

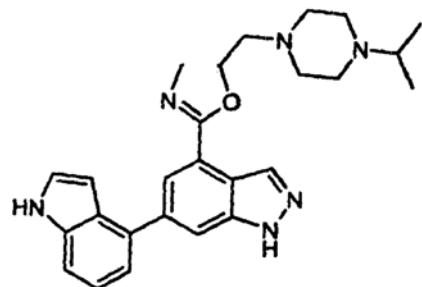
(54) Title of the invention : POLYMORPHS AND SALTS OF 6-(1H-INDOL-4-YL)-4-(5- { [4-(1-METHYLETHYL)-1-PIPERAZINYLYL] METHYL} -1, 3-OXAZOL-2-YL)-1H-INDAZOLE AS PI3K INHIBITORS FOR USE IN THE TREATMENT OF E.G. RESPIRATORY DISORDERS

(51) International classification :C07D413/14,A61K31/422,A61P35/00
(31) Priority Document No :1018124.6
(32) Priority Date :27/10/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/068604
Filing Date :25/10/2011
(87) International Publication No :WO 2012/055846
(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)GLAXO GROUP LIMITED
Address of Applicant :980 Great West Road Brentford Middlesex TW8 9GS U.K.
(72)**Name of Inventor :**
1)HAMBLIN, Julie Nicole
2)JONES, Paul Spencer
3)KEELING, Suzanne Elaine
4)LE, Joelle
5)PARR, Nigel James
6)WILLACY, Robert David

(57) Abstract :

The present invention is directed to a polymorph of a compound of formula (II) and salts and polymorphs thereof, which is an inhibitor of PI3 kinase activity.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1338/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RESIN-SOLUBLE VEILS FOR COMPOSITE ARTICLE FABRICATION AND METHODS OF MANUFACTURING THE SAME

(51) International classification :C08J5/04,B32B7/10,D04H11/04
(31) Priority Document No :61/418,473
(32) Priority Date :01/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/061297
Filing Date :18/11/2011
(87) International Publication No:WO 2012/074778
(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)CYTEC TECHNOLOGY CORP.

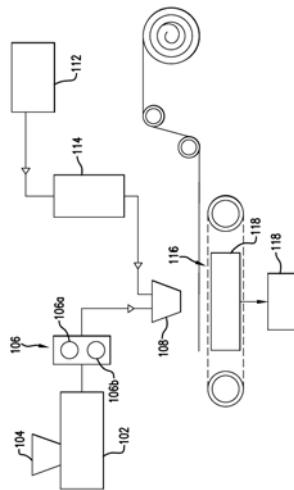
Address of Applicant :300 Delaware Avenue, Wilmington,DE 19801 U.S.A.

(72)Name of Inventor :

1)PONSOLLE,Dominique
2)BLACKBURN,Robert
3)HARMON,Billy
4)PRICE,Richard
5)DOYLE,Marc

(57) Abstract :

Embodiments of the invention are directed to resin, soluble thermoplastic veils for use in liquid resin infusion processes, methods of manufacturing resin soluble thermoplastic veils for use in liquid resin infusion processes, and methods of manufacturing composite articles using resin soluble thermoplastic veils for use in liquid resin infusion applications. The resin, soluble thermoplastic veils according to embodiments of the invention and of which function as a toughening agent in composites having the veil incorporated therein have improved characteristics including, but not limited to, increased uniformity and decreased thickness relative to prior art veils. These characteristics translate into improvements in the processing of a composite article including but not limited to, a substantial or complete elimination in premature dissolution of the veil during cure. The resultant composite article also realizes improvements including, but not limited to, distribution evenness of the toughening agent throughout the composite.



No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2012

(21) Application No.903/KOL/2012 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:C21D8/02	(71) Name of Applicant :
(31) Priority Document No	:2012-066034	1)JFE STEEL CORPORATION Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN.
(32) Priority Date	:22/03/2012	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KIZU, TARO 2)FUNAKAWA, YOSHIMASA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a high strength steel sheet and coated steel sheet exhibiting good formability with reduced yield point elongation after progressive aging and an advantageous production method thereof. [Solving Means] The high strength steel sheet having excellent formability, comprising a composition including in mass %: C: 0.05% to 0.20%; Si 0.10% or less; Mn: 0.2% to 1.7%; P: 0.10% or less, S: 0.10% or less; Al: 0.01% to 0.10%; N: 0.010% or less; and the balance as Fe and incidental impurities, wherein provided that [% M] represents content (mass %) of element M in steel, [% Mn]/[% C] ≥ 2.0, and the steel sheet has tensile strength (TS) of at least 390 MPa, elongation (EL) of at least 30%, and yield point elongation (YP-EL) after progressive aging not larger than 1.0%.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1426/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VEHICLE FRONT-END STRUCTURE

(51) International classification :B62D25/08,B62D25/20
(31) Priority Document No :2010-258387
(32) Priority Date :18/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069084
 Filing Date :24/08/2011
(87) International Publication No :WO 2012/066835
(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)TANGO, Yoshifumi

(57) Abstract :

[Problem] To reduce a load on a pedestrian by a movement of a headlamp toward a vehicle rear end side during a collision, while ensuring support stability of the headlamp and rigidity of the front end of the vehicle. [Solution] A vehicle front end structure according to the present invention comprises an upper transverse member (hood lock member (120)), a lower transverse member (front lower cross member (130)), apron side members (140a and 140b), lamp support braces (150a and 150b), and a fixing member (connector (116c)), and is characterized in that a vehicle inside portion of a headlamp (110a) is supported by a lamp support brace with the interposition of the fixing member, a vehicle outside portion of the headlamp is supported by a side face member (front fender panel,(170) and cowl side panel (180)) which constitutes a side face of the vehicle, and the lamp support brace is curved, as viewed from the front of the vehicle, so as not to interfere with the headlamp other than at a support point of the headlamp.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1427/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PORTABLE THERMOTHERAPY DEVICE

(51) International classification :A61F7/00,A61H37/00,A61B19/02
(31) Priority Document No :10-2010-0109737
(32) Priority Date :05/11/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/008328
Filing Date :03/11/2011
(87) International Publication No :WO 2012/060642
(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)CERAGEM CO., LTD.

Address of Applicant :177-14 Osaekdang-ri Seonggeo-eup,
Seobuk-gu Cheonan-si Chungcheongnam-do 331-831 REPUBLIC
OF KOREA

(72)Name of Inventor :

1)LEE, Hea Sung
2)PEAK, Keun Young
3)PARK, Ji Hoon

(57) Abstract :

The present invention relates to a portable thermotherapy device comprising: a body portion having an empty space capable of accommodating external parts at a back inside; an upper handle portion formed at the upper surface of the body portion; and a part accommodation portion for accommodating external parts for thermotherapy formed separately from the body portion, wherein the body portion and the part accommodation portion are detachably coupled, and the upper portion of the portable thermotherapy device is opened. The part accommodation portion comprises: a front panel corresponding to the inner surface of the body portion; a rear panel for forming the rear end of the body portion if coupled to the body portion; a left panel and a right panel corresponding to the both left and right lateral sides of the body portion to be placed inside the body portion; and a bottom panel corresponding to the bottom surface of the body portion and forming the bottom surface. According to the present invention, parts for thermotherapy can be conveniently used, and it is possible to prevent damage to the parts by impact when the parts are put into or drawn out of the body portion.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2013

(21) Application No.283/KOL/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE TO IDENTIFY MOTION VECTOR CANDIDATES USING A SCALED MOTION SEARCH

(51) International classification	:H04N7/26	(71) Name of Applicant :
(31) Priority Document No	:13/425522	1)VIXS SYSTEMS, INC.
(32) Priority Date	:21/03/2012	Address of Applicant :1210 SHEPPARD AVE. E., SUITE 800, TORONTO, ONTARIO M2K 1E3 CANADA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)LI YING
Filing Date	:NA	2)ZHAO XU GANG (WILF)
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A scaled motion search section can be used in a video processing device that processes a video input signal that includes a plurality of pictures. The scaled motion search section includes a downscaling module that downscales the plurality of pictures to generate a plurality of downscaled pictures, wherein the downscaling module includes a horizontal downscaling filter and a vertical downscaling filter, and wherein the vertical downscaling filter generates downscaled pixels for a macroblock pair using only pixels from the macroblock pair. A transfer function that models the scaled motion vectors is determined and used to identify a final set of motion vector candidates used in a larger scale motion search.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.313/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING POWER CONSUMPTION OF A PROCESSING ELEMENT

(51) International classification

:G06F

1/32

(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

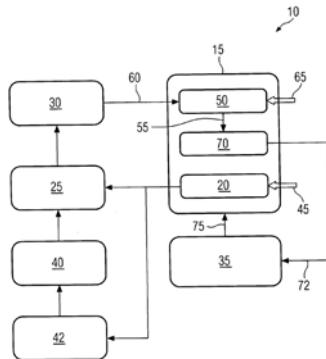
:NA

Filing Date

:NA

(57) Abstract :

The invention relates to a method and a system for controlling an amount of power consumption of a processing element (15), wherein the method comprises estimating a bandwidth of an input data received, estimating an expected workload for a process using a correlation of the bandwidth of the input data and a workload of the process, and controlling the amount of power consumption of the processing element (15) responsive to the expected workload.



No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.316/KOL/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VEHICLE BODY FRONT STRUCTURE.

(51) International classification	:B62D25/20	(71) Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300,TAKATSUKA-CHO, MINAMI-KU,HAMAMATSU, SHIZUOKA,432-8611 JAPAN.
(31) Priority Document No	:2012-069998	
(32) Priority Date	:26/03/2012	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)KITAIZUMI TOSHIHARU
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a vehicle body front structure that can achieve an enhanced pedestrian protection performance. A vehicle body front structure 100 includes a pair of side members 110a and 110b disposed behind a front bumper 102 spaced apart in a width direction of the vehicle and extending in a front-rear direction of the vehicle; a bumper member 116 extending in the width direction of the vehicle and connected at both ends 116a and 116b thereof to front ends of the pair of side members; a clearance 122 behind the bumper member; an absorber 118 disposed in front of the bumper member and extending in the width direction of the vehicle, the absorber 118 being configured to absorb an impact from the front of the vehicle; and an upper member 106 disposed above the bumper member and extending in the width direction of the vehicle, a front end 106a of the upper member being located, in a front-rear direction of the vehicle, slightly behind the bumper member, wherein the bumper member is formed of a single plate and forms a protrusion 132 protruding toward the front of the vehicle and extending across the width direction of the vehicle, the protrusion having a shape that is longer in an up-down direction of the vehicle than in a front-rear direction of the vehicle.

No. of Pages : 25 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1397/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PACKAGE, PARTICULARLY FOR ASEPTICALLY PACKAGEABLE PRODUCTS

(51) International classification :B31B23/00,B65D75/48,B65D30/08
(31) Priority Document No :MI2010A 002104
(32) Priority Date :12/11/2010
(33) Name of priority country:Italy
(86) International Application No :PCT/EP2011/069882
Filing Date :10/11/2011
(87) International Publication No :WO 2012/062880
(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)GOGLIO S.P.A.

Address of Applicant :Via Andrea Solari 10, I-20144 Milano
ITALY

(72)Name of Inventor :

1)GOGLIO, Franco

(57) Abstract :

A description is given of a package (10), particularly for aseptic packaging, made up of two opposite facing walls (12) heat sealed one to the other along a peripheral line (S). The walls (12) comprising at least one layer in metallized heat-sealable plastic material (13) or with barrier effect and at least one layer (16) in heat-sealable plastic material. The peripheral heat sealing line (S) is provided at the cutting edge of the walls (12) so as to form an encapsulation (I) of the coupled layers (13, 16) at the cutting edge, due to overflow of the plastic material.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.1398/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WEAR-RESISTANT COBALT-BASED ALLOY AND ENGINE VALVE COATED WITH SAME

(51) International classification :C22C19/07,B23K9/04,B23K10/02
(31) Priority Document No :2010-250598
(32) Priority Date :09/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061748
Filing Date :23/05/2011
(87) International Publication No :WO 2012/063512
(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)FUKUDA METAL FOIL & POWDER CO., LTD.

Address of Applicant :176, Nakanono-cho, Matsubara-dori Muromachi Nishi-iru, Shimogyo-ku, Kyoto-shi, Kyoto 6008435 JAPAN.

2)NITTAN VALVE CO., LTD.

(72)Name of Inventor :

1)OTOBÉ, Katsunori

2)NISHIMURA, Shinichi

3)KURAHASHI, Kazunori

(57) Abstract :

Provided is a surface-hardening material provided with shock resistance and having superior wear-resistance. Provided are: a wear-resistant cobalt-based alloy containing a total of 20.0-30.0 mass% of Mo and/or W, 0.8-2.2 mass% of B, 5.0-18.0 mass% of Cr, a total of no greater than 5.0 mass% of Fe, Ni, Mn, Cu, Si, and C, no greater than 1.0 mass% of Si, and no greater than 0.3 mass% of C, the remainder comprising 55.0-70.0 mass% of Co and unavoidable impurities; and an engine valve coated with same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.317/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SYSTEM TO CONTINUOUSLY MONITOR THE TEMPERATURE INSIDE A COAL FEEDING DEVICE IN COAL- FIRED BOILERS FOR EARLY DETECTION OF FIRE

(51) International classification	:G01K 11/24	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISIONS (ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091. West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)MR. SIVANANTHAM DHARMALINGAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates a propose a system to continuously monitor the temperature inside a coal feeding device in coal- fired boilers for early detection of fire comprising of one or many fibre optics based temperature probes / sensors (8) mounted inside the coal feeding device (CFD) to monitor temperature at different location inside the coal feeding device; a Man-Machine interface (2) mounted on the door of a remote control panel (1). Operably connected to the coal feeding device; the feeding device having a motor (4), an eddy current clutch (5), and a gear reducer (6) to drive a conveyor belt through which coal being fed from a bunker to the pulveriser; screened cable (7) for interconnection between the remote control panel (1) and a local control panel (3), wherein an apparatus is provided on the remote control panel (1) to determine the temperature based on the signal output from the probes / sensors (8), and wherein the apparatus comprises a signal processor to process the signal received from the sensor (8), and allow automated control of relays and direct interface with the distributed control system (DCS) provided for the boiler.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1358/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROL SYSTEM

(51) International classification	:H02J3/14,H02J13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/069069
Filing Date	:07/12/2010
(87) International Publication No	:WO 2012/076039
(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)APEL Rolf

2)JUNG Manfred

(57) Abstract :

The invention relates,inter alia, to a central device (110) for a control system (100) for controlling an energy transfer system (10) that has energy generators (30-32) and energy consumers (40-45), said central device being suitable for determining, by means of an actual and/or a prognosticated energy consumption, how much energy should be generated by the energy generators. According to the invention, an individual energy bandwidth ($E1 \pm \Delta E1$, $E2 \pm \Delta E2$, $E3 \pm \Delta E3$) is to be assigned to at least one subgroup (T1, T2, T3) of the energy consumers connected to the energy transfer system, said bandwidth indicating to what extent the total energy consumption of the subgroup is expected to be able to be raised and/or lowered, and the central device is suitable - in view of the energy generating behaviour of the energy generators and the individual energy bandwidth of the subgroup - for determining an optimum target energy consumption ($Es1$, $Es2$, $Es3$) which lies within the individual energy bandwidth and which the subgroup should achieve in total, and for generating a control signal indicating the target energy consumption.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1359/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FILTER WITH SPECIFIED, TRI-FLOW, SHAPED FLOW PATH COMBINATIONS

(51) International classification	:B01D46/00,B01D27/06
(31) Priority Document No	:61/484,533
(32) Priority Date	:10/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/027938
Filing Date	:07/03/2012
(87) International Publication No	:WO 2012/154291
(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)CUMMINS FILTRATION IP,INC.

Address of Applicant :1400-73rd Avenue NE,
Minneapolis,MN 55432, U.S.A.

(72)Name of Inventor :

1)HOLM Christopher E.

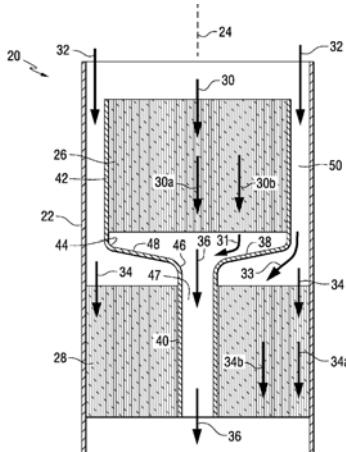
2)CONNOR Michael J.

3)HERMAN Peter K.

4)SCHWARTZ Scott W.

(57) Abstract :

A filter includes a plurality of annular filter elements arranged in axially staggered relation. An axial flow path includes a plurality of flow path segments, some being filtered by a respective filter element, and others bypassing a respective filter element. Various combinations are provided.



No. of Pages : 59 No. of Claims : 144

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2013

(21) Application No.1429/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER METAL AXIAL AND RADIAL RETENTION FEATURES FOR MOLDING APPLICATIONS

(51) International classification	:B22F5/08
(31) Priority Document No	:61/407,294
(32) Priority Date	:27/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057275
Filing Date	:21/10/2011
(87) International Publication No	:WO 2012/058112
(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)GKN SINTER METALS, LLC

Address of Applicant :3300 University Drive, Auburn Hills, MI 48326-2362 U.S.A.

(72)Name of Inventor :

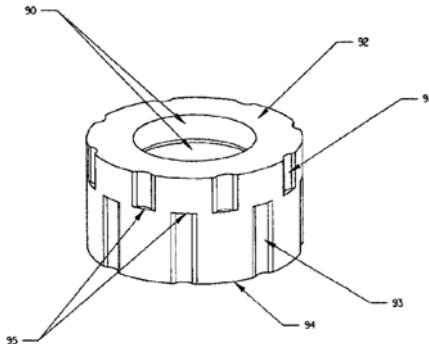
1)COOPER, Donald, D.

2)MOHR John, P.

3)MANDEL, Joel, H.

(57) Abstract :

A powder metal insert for overmolding and method of making it has retention features on the outer surface extending from each end and angularly offset from one another.



No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.314/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NEW TECHNIQUE TO MEASURE DIRECT NORMAL IRRADIANCE

(51) International classification	:G06F 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

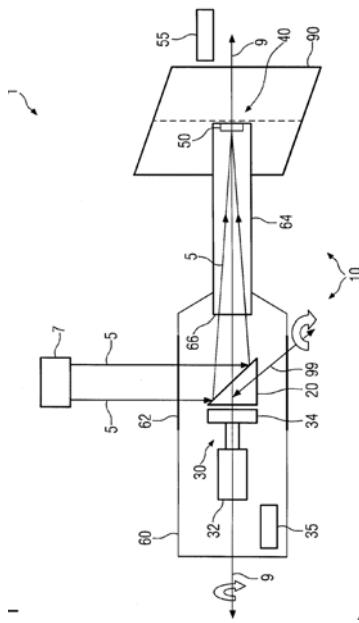
1)VARUN AKUR VENKATESAN

2)SANTOSH KUMAR COHURU

3)GANAPATHI SUBBU SETHUVENKATRAMAN

(57) Abstract :

A novel technique and system is presented to measure Direct Normal Irradiance (DNI). Unlike generally known DNI measuring devices, the new technique does not use a solar tracker. A reflector is rotated with a rotation module about a first axis and a second axis which account for the daily motion of the sun across the sky and the seasonal shift in sun's path across the sky, respectively. The rotating reflector receives light within a range of rotational positions of the reflector and reflects the light so received towards a sensor. The sensor receives the light from the reflector in a pulsed manner. From the received pulses the DNI is determined.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1381/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS, METHODS, AND INTERFACES FOR DISPLAY OF INLINE CONTENT AND BLOCK LEVEL CONTENT ON AN ACCESS DEVICE

(51) International classification	:G06F17/21
(31) Priority Document No	:13/278,568
(32) Priority Date	:21/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/061255
Filing Date	:22/10/2012
(87) International Publication No	:WO 2013/059766
(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)THOMSON REUTERS GLOBAL RESOURCES

Address of Applicant :Neuhofstrasse 1, CH-6304 Baar Switzerland

(72)**Name of Inventor :**

1)BENNETT, Daniel

2)DAUP, John Scott

(57) Abstract :

A method includes receiving a signal associated with a markup language file where the markup language file comprises inline content and block level content. The block level content has a first portion and second portion where the first portion and the second portion have a predetermined spatial relation. The method also includes receiving an indication of an adjustment to display the second portion where the predetermined spatial relation between the first portion and the second portion is preserved. The method also includes generating in response to the indication, a display signal associated with the first portion and the adjustment to display the second portion, and then transmitting the display signal.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.312/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SYSTEM FOR PROCESSING AN ELECTROCARDIOGRAPH SIGNAL

(51) International classification	:A61B 5/0452	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2 80333 MÜNCHEN GERMANY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AMIT KALE
(87) International Publication No	: NA	2)VENKATA SURYANARAYANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (1) for processing an electrocardiograph signal (2) includes an interface (3) for receiving the electrocardiograph signal (2) from a electrocardiogram (4), generating a set of distant samples (5) of the electrocardiograph signal (2) representative of the electrocardiograph signal (2) at discrete time instances, and providing the set of distant samples (5) to a processor (6), and the processor (6) for receiving the set of distant samples (5) of the electrocardiograph signal (2), processing the samples (5) to generate an energy signal (7) of the electrocardiograph signal (2), for performing threshold the energy signal (7) to identify a salient feature (8) of the electrocardiograph signal (2).

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1370/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED SEAL BETWEEN PIPES

(51) International classification	:F16L15/00
(31) Priority Document No	:1019413.2
(32) Priority Date	:17/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/002260
Filing Date	:13/12/2010
(87) International Publication No	:WO 2012/066266
(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)HIGH SEALED AND COUPLED HSC FZCO

Address of Applicant :East Wing Building 2, Office 105,Dubai
Airport Free Zone Area, Dubai, U.A.E.

(72)Name of Inventor :

1)UEENO,Katsuo

2)HIGNETT,Ian,Harold

(57) Abstract :

A pipe joint, comprises a screw-threaded joint for pipes comprises a pin (10) having a male screw-threaded portion (15) and a box (20) having a complementary screw-threaded portion(25). The threaded portions of the pin and box (10,20) inter-engage along the greater part of the axial length of the threaded portions, the male thread extending to a male stop shoulder adjacent a complementary stop shoulder on the other portion. The pin (10) further comprises a radial surface (12) adjacent a corresponding radial surface (22) on the complementary stop shoulder of the box, a curved sealing surface (14) of the radial surface on the pin sealingly engaging a corresponding curved sealing surface (24) on the corresponding radial surface on the complementary stop shoulder. Each of the curved sealing surfaces (14,24) is so shaped to lie on an arc of a separate ellipse. The parameters of the ellipses are carefully chosen to maximise the strength and robustness of the seal.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1371/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPPOSITION FIBER FOR USE IN ENDOLUMINAL DEPLOYMENT OF EXPANDABLE DEVICES IN TORTUOUS ANATOMIES

(51) International classification	:F23C9/00
(31) Priority Document No	:61/414,198
(32) Priority Date	:16/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/061005
Filing Date	:16/11/2011
(87) International Publication No	:WO 2012/068257
(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 Newark, DE 19711 U.S.A.

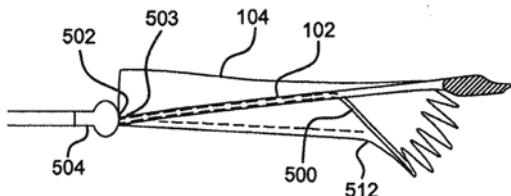
(72)Name of Inventor :

1)NORRIS,Patrick,M.

2)WALSH,Stephanie,M.

(57) Abstract :

A catheter assembly includes an expandable device that is disposed at a distal end of a catheter and expandable toward a fully deployed outer dimension. A fiber extends from the catheter and is releasably coupled to a side wall of the expandable device near or at an end of the expandable device to maintain an inner curvature of the expandable device as the expandable device is deployed.



No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1438/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR INHIBITION OF POLYMERASE

(51) International classification	:A61K31/70
(31) Priority Document No	:61/393,522
(32) Priority Date	:15/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/056421
Filing Date	:14/10/2011
(87) International Publication No	:WO 2012/051570
(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)BIOCRYST PHARMACEUTICALS INC. (a US corporation)

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(72)Name of Inventor :

**1)BANTIA, Shanta
2)KOTIAN, Pravin, L.
3)BABU, Yarlagadda, S.**

(57) Abstract :

The present invention is directed to methods and compositions for inhibition of viral nucleic acid polymerases, such as RNA and DNA polymerases, and methods and compositions that are useful for treating viral infections in subjects. The methods comprise administering to the subject a therapeutically effective amount of a compound of formula I, or a pharmaceutically acceptable salt or hydrate thereof, or a composition comprising a compound of formula I, or a pharmaceutically acceptable salt or hydrate thereof, and a pharmaceutically acceptable carrier. The composition or method may optionally comprise one or more additional anti-viral agents.

No. of Pages : 74 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1439/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TWO-STAGE REACTOR AND PROCESS FOR CONVERSION OF SOLID BIOMASS METERIAL

(51) International classification	:B01J8/18
(31) Priority Document No	:12/947,449
(32) Priority Date	:16/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/060997
Filing Date	:16/11/2011
(87) International Publication No	:WO 2012/068252
(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)KIOR INC.

Address of Applicant :13001 Bay Park Rd., Pasadena, TX-77507 U.S.A.

(72)Name of Inventor :

1)BRADY, Michael

2)CORDLE, Ronald, L.

3)LOEZOS, Peter

4)STAMIRES, Dennis

(57) Abstract :

A two-stage reactor is disclosed for the conversion of solid particulate biomass material. The reactor is designed to maximize conversion of the solid biomass material, while limiting excess cracking of primary reaction products. The two-stage reactor comprises a first stage reactor, in which solid biomass material is thermally pyrolyzed to primary reaction products. The primary reaction products are catalytically converted in a second stage reactor.

No. of Pages : 27 No. of Claims : 85

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1363/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GRAPHENE-BASED BATTERY ELECTRODES HAVING CONTINUOUS FLOW PATHS

(51) International classification	:H01M12/06,H01M8/02,H01M12/08
(31) Priority Document No	:13/004,138
(32) Priority Date	:11/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055910
Filing Date	:12/10/2011
(87) International Publication No	:WO 2012/096695
(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)BATTELLE MEMORIAL INSTITUTE

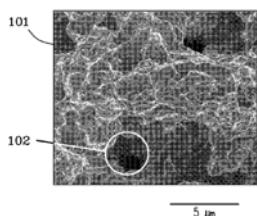
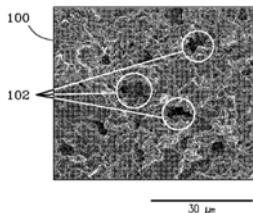
Address of Applicant :Intellectual Property Legal Services,
P.O. Box 999,M/S K1 53, Richland, Washington 99352 U.S.A.

(72)Name of Inventor :

- 1)ZHANG,Jiguang
- 2)XIAO,Jie
- 3)LIU,Jun
- 4)XU,Wu
- 5)LI,Xiaolin
- 6)WANG,Deyu

(57) Abstract :

Some batteries can exhibit greatly improved performance by utilizing electrodes having randomly arranged graphene nanosheets forming a network of channels defining continuous flow paths through the electrode. The network of channels can provide a diffusion pathway for the liquid electrolyte and/or for reactant gases. Metal-air batteries can benefit from such electrodes. In particular Li-air batteries show extremely high capacities, wherein the network of channels allow oxygen to diffuse through the electrode and mesopores in the electrode can store discharge products.



No. of Pages : 25 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1364/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEPLOYMENT CATHETER FOR ENDOLUMINAL DEVICES

(51) International classification	:A61F2/84
(31) Priority Document No	:61/412647
(32) Priority Date	:11/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/060397
Filing Date	:11/11/2011
(87) International Publication No	:WO 2012/065080
(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.

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19711 U.S.A.

(72)Name of Inventor :

1)NORRIS,Patrick,M..

2)PETERSON,Anthony,P.

3)WALSH,Stephanie,M.

(57) Abstract :

A catheter assembly includes a single sleeve that constrains an expandable device to a dimension suitable for endoluminal delivery of the device to a treatment site, and further allows expansion of the device toward an outer peripheral dimension that is smaller than a fully deployed outer peripheral dimension to allow positioning of the device at the treatment site prior to full deployment and expansion of the device at the treatment site.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1365/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FILLER COMPOSITION AND METHOD OF PRODUCING COMPOSITE MATERIALS

(51) International classification	:D21H 13/26
(31) Priority Document No	:61/393,373
(32) Priority Date	:15/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055759
Filing Date	:11/10/2011
(87) International Publication No	:WO 2012/051175
(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)CEREALUS HOLDINGS LLC

Address of Applicant :25 Clearwater Avenue, Waterville,ME 04901 U.S.A.

2)UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES

(72)**Name of Inventor :**

1)JABAR,Anthony

2)BLODEAU,Michael,A.

3)PARADIS,Mark

(57) Abstract :

A modified filler composition for use in composites, such as paper and paper board, which is produced by reacting a filler material with a binder and a reactant material. Also, a method to produce composites, such as paper and paperboard, produced containing the modified filler composition is disclosed.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1437/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE TERMINAL DEVICE, BASE STATION DEVICE, AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W24/10,H04W16/32,H04W84/10
(31) Priority Document No :2010-250096
(32) Priority Date :08/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075608
Filing Date :07/11/2011
(87) International Publication No :WO 2012/063781
(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)NTT DOCOMO, INC.

Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN.

(72)Name of Inventor :

1)NAGATA, Satoshi
2)ABE, Tetsushi
3)OHWATARI, Yusuke
4)MIKI, Nobuhiko

(57) Abstract :

Provided is a mobile terminal device which is capable of controlling in a manner such that interference in a hierarchical network such as a Het Net is reduced and which is compatible with next generation mobile communication systems. Also provided are a base station device and a communication control method. A mobile terminal device provided with: a receiving unit (103) for receiving the wireless frame of a pico-cell in which protected subframes, the transmission of which are inhibited by means of a macro-cell, and non-protected subframes, the transmission of which are not inhibited by means of a macro-cell, are present; a measuring unit (112) for measuring the reception quality of the protected subframes and the non-protected subframes from the reference signals that are multiplexed to the protected subframes and the non-protected subframes; and a transmitting unit (103) for transmitting, to a base station device (20B), information pertaining to the reception quality of the protected subframes and the non-protected subframes measured by means of the measuring unit (112).

No. of Pages : 82 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.327/KOL/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED DEVICE TO CONSISTENTLY MAINTAIN DRY AIR AT HIGHER PRESSURE INSIDE A TRANSFORMER TANK DURING LONG-DISTANCE OF THE TRANSFORMER TANK

(51) International classification	:F26B 13/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. RAJENDRA KUMAR
Filing Date	:NA	2)MR. ARVIND MOHAPATRA
(62) Divisional to Application Number	:NA	3)MR. PRADEEP KULSHRESHTHA
Filing Date	:NA	4)MR. KAMAL JAIN
		5)MR. S. N. BARIK
		6)MR. HAR NARAYAN

(57) Abstract :

This invention relates to an improved device to consistently maintain dry air at higher pressure inside a transformer tank during long-distance of the transformer tank comprising at least one air/nitrogen gas cylinder (2) having a valve means (3) to supply regulated gas/air upon activation; a connecting pipe (4) adjoining the air/gas cylinder (2) to a transformer tank (1) with corecoil assembly, the transformer tank (1) is filled with gas/air maintained at a pressure higher than that of the ambient pressure, the at least one cylinder (2) upon activation supplying gas/air to said transformer tank (1) to maintain the higher pressure, the improvement is characterized in that a non-return valve (5) is interposed between the cylinder (2) and the tank (1) so as to permit one-way gas flow to the tank (1) and prevent egress of the available gas from inside the tank (1) when the connecting pipe (4) is disabled to supply additional gas to the tank (1).

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1373/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GRAPHENE/LIFEPO4 CATHODE WITH ENHANCED STABILITY

(51) International classification :H01M4/583,H01M4/86,B82Y30/00
(31) Priority Document No :12/980,328
(32) Priority Date :28/12/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2011/062016
Filing Date :23/11/2011
(87) International Publication No :WO 2012/091827
(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)BATTELLE MEMORIAL INSTITUTE

Address of Applicant :902 Battelle Boulevard, PO Box 999,Richland,WA 99352 U.S.A.

(72)Name of Inventor :

1)CHOI,Daiwon

2)LIU,Jun

3)YANG,Zhenguo

4)WANG,Wei

5)GRAFF,Gordon,L.

(57) Abstract :

A lithium ion battery having an anode, an electrolyte, and a cathode comprising nano- structured carbon in electrical communication with LiFePO4. The cathode of the lithium ion battery of the present invention has sufficient structural stability to maintain at least 90-99 percent of the specific capacity of the cathode over 500 charge/discharge cycles.

No. of Pages : 18 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1374/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PORTABLE WASHING MACHINE

(51) International classification	:D06F13/08,D06F7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/KR2010/007585
Filing Date	:01/11/2010
(87) International Publication No	:WO 2012/060477
(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)LG ELECTRONICS,INC.

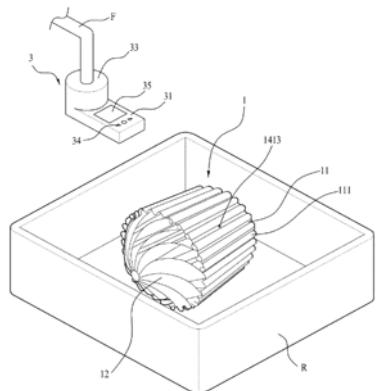
Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
Seoul 150-721, REPUBLIC OF KOREA

(72)Name of Inventor :

1)JOHN,Roshy,M..

(57) Abstract :

The present invention relates to a portable washing machine. The portable washing machine includes a washing robot (1) positioned in a holding space (R) which holds laundry and washing water, and a water supply unit (3) detachably provided to a water supply portion (F) which supplies the washing water to the holding space (R) for opening / closing the water supply portion (F). The washing robot (1) includes a body (11) and impellers (12) on opposite ends of the body (11), which is substantially cylindrical with projections (111) on an outside surface extending in the length direction. The body (11) further includes a drain hole (1413) to drain washing water out of the inside of the body (11).



No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.315/KOL/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COLLABORATION PROCESSING APPARATUS, COLLABORATION PROCESSING SYSTEM, AND PROGRAM

(51) International classification	:G09B7/00	(71) Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 JAPAN.
(31) Priority Document No	:2012-065107	(72) Name of Inventor : 1)KAZUNORI KOBAYASHI
(32) Priority Date	:22/03/2012	
(33) Name of priority country	:Japan	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A collaboration processing apparatus that is connected to plural electronic apparatuses, receives a request from an application installed in the collaboration processing apparatus, and controls the electronic devices based on the received request to perform a collaboration process by causing the application and the electronic devices to collaborate, includes a capability information providing unit which receives an acquisition request for information related to capability of the electronic device via a previously defined interface and provides the information related to the capability of the electronic devices in response to the received acquisition request; and an execution controlling unit which receives the execution request based on the information of the capability from the application, to which the information related to the capability is provided by the capability information providing unit, via the previously defined interface, and controls the electronic devices based on the received execution request.

No. of Pages : 97 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1314/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN ASSEMBLY WITH A GUIDE WIRE AND A FIXATOR FOR ATTACHING TO A BLOOD VESSEL

(51) International classification	:A61M25/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/067499
Filing Date	:15/11/2010
(87) International Publication No	:WO 2012/065625
(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)Endovascular Development AB

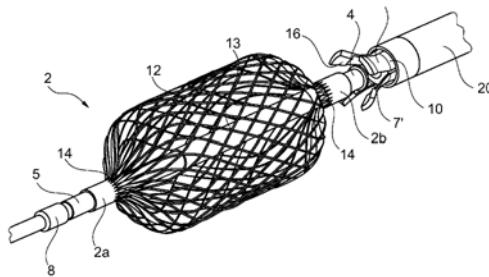
Address of Applicant :c/o Krister Liungman, Vasagatan 5B, S-753-13 Uppsala SWEDEN

(72)Name of Inventor :

1)LIUNGMAN, Krister

(57) Abstract :

A fixator assembly comprising a fixator for fixing inside a blood vessel, the fixator being able to slide proximally along a guide wire. The assembly comprising means for preventing the fixator from moving distally of the preventing means. A tubular element for introduction into a blood vessel of a person, the tubular element comprising an end opening and a plurality of side openings as well as a transport wire extending from inside the tubular element and to the surroundings thereof through an individual side opening.



No. of Pages : 48 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1315/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CIRCUIT BOARD SUPPORT FOR LASER CUTTING

(51) International classification :H01L21/78,B23K26/00,B23K26/08
(31) Priority Document No :20106100
(32) Priority Date :25/10/2010
(33) Name of priority country:Finland
(86) International Application No :PCT/FI2011/050911
Filing Date :19/10/2011
(87) International Publication No :WO 2012/056097
(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)JOT AUTOMATION OY

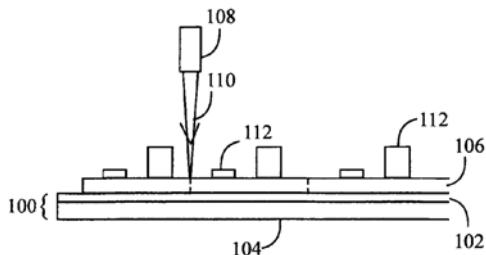
Address of Applicant :Vihikari 10 FI-90440 Kempele FINLAND

(72)Name of Inventor :

1)MÄMMILÄ, Tuomo

(57) Abstract :

A support (100) comprises a ceramic supporting surface (102), on which a circuit board (106) may be placed for cutting to be performed by means of optical radiation (110) generated by a laser (108). The ceramic supporting surface (102) remains unchanged as said laser radiation (110) hits it.



No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1316/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A UROLOGICAL DEVICE

(51) International classification :A61M25/00,A61M39/24,A61F2/00
(31) Priority Document No :61/409,741
(32) Priority Date :03/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IE2011/000060
Filing Date :03/11/2011
(87) International Publication No :WO 2012/059906
(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)VYSERA BIOMEDICAL LIMITED

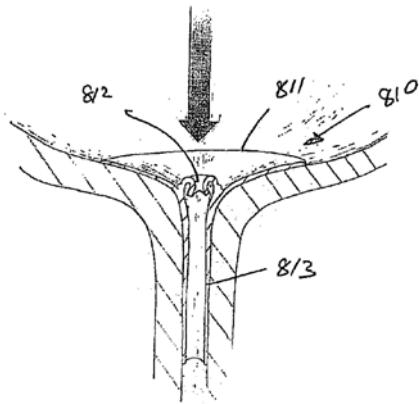
Address of Applicant :BMR House, Parkmore Business Park West, Galway, IRELAND

(72)Name of Inventor :

1)BEHAN, Niall

(57) Abstract :

A urological device (800, 810, 830, 850, 860, 870, 900, 910, 920) comprises a urological valve (802, 803, 812, 861, 901), for location in the bladder of a patient and a valve support stem (801, 813, 863, 902), for location in the urethra of a patient. The valve has a normally closed configuration to prevent flow from the bladder and an open configuration for fluid flow through the valve. The valve is automatically movable from the closed configuration to the open configuration in response to a pre -set hydrodynamic pressure applied for a pre-set time. In one case the valve has a plurality of valve leaflets with a region of co-apton between the valve leaflets. In the normally closed configuration the valve leaflets are engaged at the region of co-apton and in the open configuration the leaflets are separated at the co-apton region for fluid flow through the valve.



No. of Pages : 118 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1317/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TISSUE-INTEGRATING SENSORS

(51) International classification	:A61B5/00
(31) Priority Document No	:61/390,252
(32) Priority Date	:06/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055157
Filing Date	:06/10/2011
(87) International Publication No	:WO 2012/048150
(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)PROFUSA, INC.

Address of Applicant :2325 3rd Street, Suite 344, San Francisco, California 94107 U.S.A.

(72)Name of Inventor :

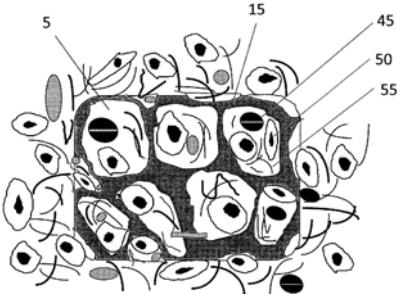
1)WISNIEWSKI, Natalie Ann

2)HELTON, Kristen

3)MCMILLAN, William

(57) Abstract :

Tissue-integrating biosensors, systems comprising these sensors and methods of using these sensors and systems for the detection of one or more analytes are provided.



No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1390/KOLNP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTAINER HOLDER ASSEMBLY

(51) International classification	:A61M5/24,A61M5/31
(31) Priority Document No	:1051160-8
(32) Priority Date	:08/11/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/051319
Filing Date	:07/11/2011
(87) International Publication No	:WO 2012/064258
(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)SHL GROUP AB

Address of Applicant :IP Department, Box 1240,
Augustendalsvägen 19, SE13128 Nacka Strand SWEDEN

(72)Name of Inventor :

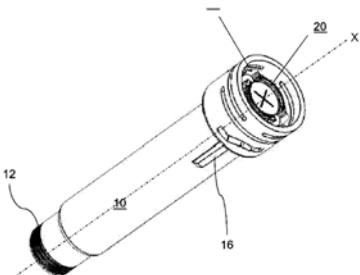
1)KLINTENSTEDT, Per

2)WIESELBLAD, Anders

3)ELMÉN, Gunnar

(57) Abstract :

Container holder assembly for use in a medicament delivery device, comprising a tubular body elongated in an axial direction, said tubular body having a proximal end and an opposite distal end and a retaining member releasably arranged to said tubular body for securing an elongated container placed inside the tubular body, wherein said retaining member comprises a resilient structure capable of exerting an axial force on said container in said tubular body for holding the container in a fixed position inside the tubular body and wherein the retaining member and the tubular body respectively comprises a first and a second locking means capable of achieving a mutual mechanical connection, such that the retaining member is locked to the tubular body.



No. of Pages : 24 No. of Claims : 10

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.

Ser ial Nu mb er	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)	Approp riate Office
1	189457	1177/DEL/1994	22/09/1994	17/09/1993	A DEVICE FOR PREVENTING OVERHEATING OF INVERTER COOKER AND METHOD THEREOF	GOLDSTAR CO. LTD.	22/02/2003	DELHI
2	189458	1178/DEL/1994	22/09/1994		AN APPARATUS FOR MEASURING ELECTRIC POWER CONSUMED IN THE INVERTER COOKER.	GOLDSTAR CO., LTD.	22/02/2003	DELHI
3	189497	1065/DEL/1994	23/08/1994	24/08/1993	A COOKING TIME CONTROL DEVICE FOR MICROWAVE OVEN	GOLDSTAR CO. LTD.	08/03/2003	DELHI
4	189528	1627/DEL/1994	15/12/1994	16/12/1993	REFRIGERATOR HAVING A FERMENTATION ROOM USING RADIO FREQUENCY INDUCTION HEATING	GOLDSTAR CO. LTD.	22/03/2003	DELHI
5	189530	1658/DEL/1994	22/12/1994		MICROWAVE OVEN HAVING A ROTARY GRILL HEATER.	GOLDSTAR CO., LTD.	22/03/2003	DELHI
6	189544	1703/DEL/1994	29/12/1994		ENCODER KEY INPUT DEVICE FOR AN MICROWAVE OVEN	GOLDSTAR CO., LTD.	22/03/2003	DELHI
7	189764	1378/DEL/1994	31/10/1994	01/11/1993	DOOR HANDLE OF ELECTRONIC EQUIPMENTS	GOLDSTAR CO. LTD.	19/04/2003	DELHI
8	189942	1594/DEL/1994	09/12/1994		REFRIGERATOR HAVING FERMENTATION DEVICE	GOLDSTAR CO., LTD.	17/05/2003	DELHI
9	191789	2406/DEL/1995	26/12/1995		A STRUCTURE OF HEAT EXCHANGER FOR USE IN AN AIR CONDITIONER	LG ELECTRONICS INC.	22/02/2003	DELHI
10	257280	1007/DELNP/2005	16/09/2003	16/09/2002	A STABLE IMMUNOGENIC PRODUCT AND METHOD AND PREPARATION THEREOF	NEOVACS	30/10/2009	DELHI

11	257283	3027/DELNP/2008	14/09/2006	14/10/2005	COOKING METHOD	HSU, CHIA-YI	13/06/2008	DELHI
12	257284	1584/DELNP/2006	02/09/2004	03/09/2003	STENT GRAFT DELIVERY SYSTEM	BOLTON MEDICAL INC.	10/08/2007	DELHI
13	257288	5314/DELNP/2006	10/03/2005	07/05/2004	CASE STRUCTURE FOR ELECTRONIC DEVICE.	OLYMPUS CORPORATION	10/08/2007	DELHI
14	257291	1647/DEL/2005	27/06/2005		SYSTEM FOR REAL-TIME TRANSMITTING AND RECEIVING OF AUDIO/VIDEO AND HANDWRITING INFORMATION	WU, CHAO-HUNG	03/08/2007	DELHI
15	257292	7674/DELNP/2006	29/04/2005	30/06/2004	A METHOD OF SENDING CTI MESSAGES IN A COMMUNICATION SYSTEM	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO.KG	17/08/2007	DELHI
16	257293	4829/DELNP/2007	21/12/2005	23/12/2004	COMPOSITION OF POLYUNSATURATED ALPHA-OLIFINSULPHONATES AND CODISPERSANTS	CLARIANT FINANCE (BVI) LIMITED	17/08/2007	DELHI
17	257294	2751/DELNP/2007	18/10/2005	18/10/2004	SURFACTANT COMPOUNDS	CRODA INTERNATIONAL PLC	03/08/2007	DELHI
18	257295	3211/DELNP/2007	10/11/2005	16/11/2004	PORPHYRIN DERIVATES AND METHOD OF PREPARATION OF SAID DERIVATIVE	UNIVERSIDADE DE COIMBRA	31/08/2007	DELHI
19	257296	2758/DEL/1997	26/09/1997	02/10/1996	A BENZAZEPINE ETHER COMPOUND	SMITHKLINE BEECHAM CORPORATION	16/02/2007	DELHI
20	257297	354/DEL/2006	07/02/2006		A METHOD FOR DETECTING THE PRESENCE OF DITHiocarbamate FUNGICIDES THIRAM AND ZIRAM IN FRESH FRUITS AND VEGETABLES	DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	22/07/2011	DELHI
21	257298	108/DEL/2004	21/01/2004		PROCESS FOR PRODUCING SIMVASTATIN USING NOVEL HYDRAZIDE INTERMEDIATES	JUBILANT ORGANOSYS LIMITED	08/03/2013	DELHI
22	257299	5695/DELNP/2007	13/02/2006	18/02/2005	CONFECTIONERY PRODUCTS CONTAINING CAFFEINE	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI
23	257304	6301/DELNP/2006	22/04/2004	22/04/2004	ANTIBODIES AND MOLECULES DERIVED THEREFROM THAT BIND TO STEAP-1 PROTEINS	AGENSYN, INC	31/08/2007	DELHI
24	257306	2391/DELNP/2004	11/03/2003	11/03/2002	A SPECIFIC BINDING MEMBER THAT BINDS HUMAN ED-B	PHILOGEN S.P.A	02/10/2009	DELHI

25	257310	3367/DEL/2005	15/12/2005	17/12/2004	A PIPING STRUCTURE FOR TRANSPORTING A FUEL, ARRANGED BETWEEN AN ENGINE AND A FUEL TANK	TOKAI RUBBER INDUSTRIES, LTD.	02/10/2009	DELHI
26	257311	5968/DELNP/2007	05/01/2006	07/02/2005	METHOD FOR DETERMINING THE POSITION OF A NEWLY INSTALLED DEVICE IN A DANGER DETECTION SYSTEM	SIEMENS AKTIENGESELLSCHAFT	17/08/2007	DELHI
27	257314	6297/DELNP/2006	11/03/2005	29/04/2004	TRANSCEIVER FOR USE IN A WIRELESS DEVICE	FRESCALE SEMICONDUCTOR, INC	31/08/2007	DELHI
28	257315	744/DEL/2007	02/04/2007		A GEAR LOCK MOUNTING SYSTEM BEING INSTALLED WITHOUT DRILLING OPERATION	M/S MINDA HUF LIMITED	18/05/2007	DELHI
29	257316	2739/DELNP/2006	07/10/2004	16/10/2003	GASIFICATION BOILER FOR SOLID FUELS, IN PARTICULAR FOR BALES OF STRAW, WITH OPTIMISED EXHAUST GAS VALUES	HERLT,CHRISTIAN	10/08/2007	DELHI
30	257320	1238/DELNP/2006	09/09/2004	09/09/2004	SUBSTRATE-GUIDED OPTICAL DEVICES	LUMUS LTD.	10/08/2007	DELHI
31	257325	2686/DELNP/2005	30/12/2003	30/12/2003	A METHOD FOR PRODUCING GEOGRID WITH FIBER-REINFORCED POLYMER STRIPS	SAMYANG CORPORATION	10/08/2007	DELHI
32	257326	1793/DEL/2004	22/09/2004		AN IMPROVED PROCESS FOR THE PRODUCTION OF 4-HYDROXY-BUTAN-2-ONE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	08/09/2006	DELHI
33	257332	3984/DELNP/2005	24/02/2004	10/04/2003	APPARTATUS FOR SIMULATING FILM GRAIN IN AN IMAGE	THOMSON LICENSING	31/08/2007	DELHI
34	257333	3124/DELNP/2006	22/11/2004	22/11/2003	A CAP CONTAINING A SECONDARY MATERIAL	LEE, JUNG-MIN	24/08/2007	DELHI
35	257334	3428/DELNP/2004	02/05/2003	09/05/2002	CONTAINER CONTAINING A COATING COMPOSITION	IMPERIAL CHEMICAL INDUSTRIES LIMITED.,,GRAHAM PACKAGING PLASTICS LTD.,KORNELIS KUNSTHARS PRODUCTION INDUSTRIE BV,	09/10/2009	DELHI
36	257336	2251/DELNP/2006	13/08/2004	28/10/2003	A TRANSPORT SYSTEM FOR AN AUTOMATIC SAMPLE TESTING MACHINE	BIOMERIEUX, INC.	13/07/2007	DELHI
37	257337	5257/DELNP/2005	14/05/2004	16/05/2003	DOMESTIC SEWING MACHINE	REX NORMAN DOUGLAS PULKER	02/11/2007	DELHI

38	257343	696/DELNP/2006	10/09/2004	11/09/2003	A SHUTTERED ELECTRICAL CONNECTOR	CLIPSAL AUSTRALIA PTY. LTD.	17/08/2007	DELHI
39	257344	1994/DEL/1996	11/09/1996	27/09/1995	AN INK JET PRINT HEAD	LEXMARK INTERNATIONAL INC.	16/01/2009	DELHI
40	257349	8743/DELNP/2007	31/05/2006	02/06/2005	ABSORBENT ARTICLE HAVING TRAVERSE REINFORCING ELEMENT	THE PROCTER & GAMBLE COMPANY	27/06/2008	DELHI
41	257351	1712/DELNP/2004	23/12/2002	26/12/2001	A SYSTEM FOR IDENTIFYING AN ARTICLE AND A METHOD THEREOF	RAYTHEON COMPANY	30/03/2007	DELHI
42	257352	2084/DELNP/2003	27/06/2002	29/06/2001	METHOD AND SYSTEM FOR PROVIDING AN ACOUSTIC INTERFACE	THOMSON LICENSING S.A.	20/01/2006	DELHI
43	257354	849/DELNP/2007	29/09/2005	28/10/2004	A CONNECTING ARRANGEMENT FOR CONNECTING A FIRST REINFORCED CONCRETE ELEMENT TO A SECOND REINFORCED CONCRETE ELEMENT	HOUSING & DEVELOPMENT BOARD	03/08/2007	DELHI
44	257359	633/DEL/2007	23/03/2007	29/03/2006	CONNECTOR CONNECTING CONSTRUCTION, CLAMPING MEMBER AND METHOD OF MOUNTING CONNECTOR CONNECTING CONSTRUCTION	SUMITOMO WIRING SYSTEMS LTD.	05/10/2007	DELHI
45	257360	6601/DELNP/2007	08/02/2006	04/03/2005	METHOD AND DEVICE FOR INTERCONNECTING, SEALED AGAINST CONTAMINATION, THE ENDS OF ELONGATE ELEMENTS SUCH AS TUBES OR PIPES	MILLIPORE AB	28/09/2007	DELHI
46	257361	1495/DEL/2007	17/07/2007 12:24:59	21/07/2006	A CONNECTOR, A CONNECTOR ASSEMBLY AND AN ASSEMBLING METHOD THEREFOR	SUMITOMO WIRING SYSTEMS, LTD.	25/01/2008	DELHI
47	257362	106/DEL/2003	13/02/2003	12/09/2002	AN INK CARTRIDGE	SEIKO EPSON CORPORATION	12/02/2010	DELHI
48	257363	1861/DEL/2008	06/08/2008 12:13:11		NOVEL PRIMERS AND METHOD FOR AMPLIFICATION	INDIAN COUNCIL OF MEDICAL RESEARCH	16/04/2010	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	257275	1557/MUM/2006	26/09/2006		PROCESS OF ISOLATING AND PURIFYING POLYRIBOSYL RIBITAOL (PRP), THE CAPSULAR POLYSACCHARIDE OF HAEMOPHILUS INFLUENZAE TYPE B	CADILA HEALTHCARE LIMITED	08/08/2008	MUMBAI
2	257282	2053/MUMNP/2008	09/05/2007	11/05/2006	METHOD FOR THE PRODUCTION OF ANTIBODIES IN IMMUNODEFICIENT ANIMAL INJECTED WITH HUMAN FETAL LIVER STEM CELLS	LIFKE, ALEXANDER,LIFKE, VALERIA,MUELLER-BECKMANN, BERND	20/02/2009	MUMBAI
3	257290	434/MUMNP/2008	10/08/2006	12/08/2005	CHANNEL ESTIMATION FOR WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	21/03/2008	MUMBAI
4	257300	1692/MUM/2007	05/09/2007		A METHOD OF CLEANING A SUBSTRATE	HINDUSTAN UNILEVER LIMITED	22/05/2009	MUMBAI
5	257309	9/MUMNP/2008	27/06/2006	27/06/2005	FIELD DEVICE WITH DYNAMICALLY ADJUSTABLE POWER CONSUMPTION RADIO FREQUENCY COMMUNICATION	ROSEMOUNT INC.	08/02/2008	MUMBAI
6	257317	1312/MUMNP/2010	23/12/2008	28/12/2007	CATALYTIC GASIFICATION PROCESS WITH RECOVERY OF ALKALI METAL FROM CHAR	GREATPOINT ENERGY INC.	29/10/2010	MUMBAI
7	257318	2142/MUMNP/2009	21/05/2008	25/05/2007	HAIR CONDITIONING COMPOSITIONS	HINDUSTAN UNILEVER LIMITED	25/06/2010	MUMBAI
8	257322	939/MUMNP/2006	13/01/2005	13/01/2004	MOULDING PROCESS	POLYMER SCIENCES LIMITED	02/03/2007	MUMBAI
9	257340	396/MUM/2007	01/03/2007		CONTROLLED BRANCHED POLYESTER AND PROCESS FOR MAKING THE SAME	RELIANCE INDUSTRIES LTD.	28/11/2008	MUMBAI
10	257341	999/MUM/2007	29/05/2007		POLYOLEFIN LAMINATES HAVING IMPROVED PEEL STRENGTH	RELIANCE INDUSTRIES LIMITED	27/02/2009	MUMBAI

11	257345	550/MUM/2006	07/04/2006		A FLUIDIZED BED COMBUSTOR FOR TREATING A CONCENTRATED WASTE HAVING A CALORIFIC VALUE GREATER THAN 100KCAL TO GENERATE STEAM	THERMAX LIMITED	11/01/2008	MUMBAI
12	257347	934/MUM/2009	08/04/2009 17:01:51		METHOD OF MAKING BREAD	PARIS CROISSANT CO., LTD.	22/10/2010	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257274	290/CHENP/2007	18/07/2005	23/07/2004	AN ANALYTICAL DEVICE FOR IN VITRO DIAGNOSIS	IMMUNODIAGNOSTIC SYSTEMS FRANCE, ROUSSEAU, ALAIN	24/08/2007	CHENNAI
2	257278	1998/CHENP/2003	10/04/2003	16/04/2002	PICTURE DECODING METHOD	PANASONIC CORPORATION	06/01/2006	CHENNAI
3	257279	108/CHENP/2007	12/07/2005	12/07/2004	AN ANTIBODY HAVING A VARIANT IGG1 FC REGION, OR AN ANTIGEN-BINDING FRAGMENT THEREOF THAT COMPRISSES SAID VARIANT IGG1 FC REGION	MACROGENICS, INC	24/08/2007	CHENNAI
4	257285	736/CHE/2008	26/03/2008 15:58:26	25/04/2007	SYSTEM FOR DISPLAYING ASSOCIATED-USER AND METHOD THEREOF	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	11/09/2009	CHENNAI
5	257286	3781/CHENP/2006	11/04/2005	13/04/2004	A METHOD FOR TRANSMITTING DATA FROM A PLURALITY OF DATA PROCESSING DEVICES ACROSS A DATA PACKET COMMUNICATIONS NETWORK	FRANCE TELECOM	22/06/2007	CHENNAI
6	257289	2898/CHENP/2004	19/06/2003	21/06/2002	PRESSURE WAVE ATTENUATOR FOR A RAIL	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC	17/02/2006	CHENNAI
7	257301	375/CHE/2008	14/02/2008	15/02/2007	METHODS OF COMMUNICATING A DIGITAL MESSAGE AND AUTHENTICATION CODE IN A TELECOMMUNICATIONS NETWORK	AVAYA TECHNOLOGY LLC	11/09/2009	CHENNAI
8	257303	3861/CHENP/2006	21/03/2005	29/03/2004	STEAM IRONING DEVICE HAVING VORTEX GENERATING ELEMENTS FOR OBTAINING VORTICES IN THE STEAM FLOW	KONINKLIJKE PHILIPS ELECTRONICS N.V.	15/06/2007	CHENNAI

9	257308	2279/CHENP/2007	25/10/2005	25/10/2004	METHOD AND DEVICES FOR LYOPHILIZING, RECONSTITUTING, AND ADMINISTERING A RECONSTITUTED AGENT	PHARMA CONSULT GES.M.B.H & CO NFG KG	07/09/2007	CHENNAI
10	257312	863/CHENP/2007	14/07/2005	29/07/2004	A CRACKING CATALYST AND A PROCESS FOR PREPARING THE SAME	CHINA PETROLIUM & CHEMICAL CORPORATION, RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC	24/08/2007	CHENNAI
11	257324	2774/CHENP/2004	09/05/2003	10/05/2002	AN APPARATUS FOR CARRYING OUT A WORKING OPERATION ON A PACKAGING LAMINATE	Tetra Laval Holdings & Finance S.A.	10/02/2006	CHENNAI
12	257327	2553/CHENP/2008	21/11/2006	23/11/2005	METHOD FOR THE SAFE OPERATION OF A GAS-PHASE PARTIAL OXIDATION	BASF SE	06/03/2009	CHENNAI
13	257328	4645/CHENP/2006	13/05/2005	18/05/2004	COMPOSITIONS FOR SLEEPING DISORDERS	BRIGHT FUTURE PHARMACEUTICALAS LTD	29/06/2007	CHENNAI
14	257329	2425/CHE/2007	25/10/2007		METHOD FOR DYNAMICALLY INCREMENTING TRANSMITTING POWER FOR A USER EQUIPMENT IN A RANDOM ACCESS CHANNEL	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	11/09/2009	CHENNAI
15	257330	3022/CHE/2007	18/12/2007	25/12/2006	METHOD AND SYSTEM FOR LOCATING REVERSE LINK INTERFERENCE	HUAWEI TECHNOLOGIES CO., LTD.	11/09/2009	CHENNAI
16	257331	738/CHE/2004	28/07/2004	01/08/2003	TOLUENE METHYLATION PROCESS	SAUDI BASIC INDUSTRIES CORPORATION	14/08/2009	CHENNAI
17	257335	2/CHENP/2007	01/07/2005	02/07/2004	A METHOD OF TREATING A SUBTERRANEAN FORMATION PENETRATED BY A WELLBORE	SCHLUMBERGER TECHNOLOGY B.V.	17/08/2007	CHENNAI
18	257338	1552/CHE/2006	29/08/2006		METHOD AND APPARATUS FOR PUSHING ADVERTS INTO A HOME NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	07/03/2008	CHENNAI
19	257339	1347/CHE/2006	31/07/2006		A METHOD OF PERFORMING RELIABLE DATA TRANSFER IN COMMUNICATION SYSTEMS.	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI

20	257342	598/CHE/2006	31/03/2006		METHOD FOR PROVIDING AUTHORIZED SET OF QUALITY OF SERVICE (QOS) PARAMETERS WHEN A USER EQUIPMENT IS IN ROAMING	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/12/2007	CHENNAI
21	257348	2591/CHENP/2007	15/12/2005	16/12/2004	CO-PRODUCTION OF CYCLOHEXYLAMINE AND BIS-(PARA-AMINOCYCLOHEXYL)METHANE	HUNTSMAN PETROCHEMICAL LLC	07/09/2007	CHENNAI
22	257350	2104/CHE/2008	28/08/2008 15:55:34	30/08/2007	LIQUID EJECTION HEAD, INKJET PRINTING APPARATUS AND LIQUID EJECTING METHOD	CANON KABUSHIKI KAISHA	21/08/2009	CHENNAI
23	257353	1008/CHENP/2007	22/07/2005	10/08/2004	PROCESS FOR UREA PRODUCTION FROM AMMONIA AND CARBONDIOXIDE	UREA CASALE S.A.	31/08/2007	CHENNAI
24	257355	5975/CHENP/2008	23/04/2007	04/05/2006	AN ORGANOSILICON COMPOUND AND A METHOD FOR PRODUCING THE SAME	WACKER CHEMIE AG	27/03/2009	CHENNAI
25	257356	4773/CHENP/2006	20/06/2005	29/06/2004	COSMETIC PREPARATION COMPRISING MEROCYANINE DERIVATIVES	CIBA HOLDING INC.	29/06/2007	CHENNAI

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1	257276	752/KOLNP/2007	08/08/2005	06/08/2005	2-AMINO-QUINAZOLINE DERIVATIVES USEFUL AS INHIBITORS OF β -SECRETASE (BACE)	JANSSEN PHARMACEUTICA N.V.	13/07/2007	KOLKATA
2	257277	726/KOLNP/2007	07/09/2005	09/09/2004	BIOTINYLATED HEXADECASACCHARIDES, PREPARATION AND USE THEREOF	SANOFI AVENTIS	13/07/2007	KOLKATA
3	257281	2586/KOLNP/2006	16/02/2004	16/02/2004	A DATA UNIT PROCESSING ENTITY IN A DATA UNIT TRANSMISSION NETWORK	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	01/06/2007	KOLKATA
4	257287	130/KOLNP/2008	16/06/2006	17/06/2005	COMPOUNDS FOR INHIBITION OF 5-HYDROXYRYPTAMINE AND NOREPINEPHRINE REUPTAKE	SHANDONG LUYE PHARMACEUTICAL CO., LTD., LI, YOUNG	05/12/2008	KOLKATA
5	257302	689/KOLNP/2007	09/08/2005	30/08/2004	PROCESS FOR SEPARATING NITROGEN GAS BY MOLECULAR SIEVE CARBON	KURARAY CHEMICAL CO. LTD.	06/07/2007	KOLKATA
6	257305	3996/KOLNP/2007	17/04/2006	29/04/2005	KNEE EXTENSION TREATMENT APPARATUS	KNEEBOURNE THERAPEUTIC, LLC	15/02/2008	KOLKATA
7	257307	152/KOLNP/2008	04/07/2006	11/07/2005	A HOT GAS DUCTING ARRANGEMENT FOR A GAS TURBINE SYSTEM	SIEMENS AKTIENGESELLSCHAFT	19/09/2008	KOLKATA
8	257313	1142/KOL/2008	30/08/2008		AN IMPROVED METHOD FOR PROCESSING IRON ORE WITH HIGH ZINC CONTENT FOR PRODUCTION OF IRON AND STEEL	TATA STEEL LIMITED	05/03/2010	KOLKATA
9	257319	3299/KOLNP/2006	02/05/2005	03/05/2004	PRIMER COATING FOR ENHANCING ADHESION OF LIQUID TONER TO POLYMERIC SUBSTRATES	MICHELMAN, INC.	08/06/2007	KOLKATA

10	257321	1825/KOLNP/2007	14/11/2005	12/11/2004	POLYMER CONJUGATE OF FACTOR VIII	BAYER HEALTHCARE LLC	10/08/2007	KOLKATA
11	257323	2808/KOLNP/2006	23/03/2005	25/03/2004	PROLONGED-RELEASE COMPOSITIONS COMPRISING TORASEMIDE AND A MATRIX-FORMING POLYMER	FERRER INTERNACIONAL,S.A	01/06/2007	KOLKATA
12	257346	1683/KOLNP/2006	21/12/2004	29/12/2003	DEEP ROLLING UNIT OF A DEEP ROLLING MACHINE FOR CRANKSHAFTS	Hegenscheidt-MFD GmbH & Co.KG	11/05/2007	KOLKATA
13	257357	3674/KOLNP/2007	13/04/2006	18/04/2005	PREPARATION CONTAINING AT LEAST ONE CONAZOLE FUNGICIDE A FURTHER FUNGICIDE AND A STABILISING COPOLYMER	BASF AKTIENGESELLSCHAFT	31/10/2008	KOLKATA
14	257358	345/KOL/2005	25/04/2005		AN ELECTRO-PERMANENT MAGNETIC WORK HOLDING APPARATUS WITH FERROUS MONOLITHIC WORKING FACE FOR HOLDING WORKPIECES MAGNETICALLY AND/OR MECHANICALLY	EAST COAST ENTERPRISERS LIMITED	26/03/2010	KOLKATA

CONTINUED TO PART-3