पेटेंट कार्यालय शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Rajiv Aggarwal) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

15th May, 2015

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THE PATENT OFFICE KOLKATA, 15/05/2015

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	E.mail: <u>delhi-patent@nic.in</u>			
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Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

कोलकाता, दिनांक 15/05/2015

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पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Rajiv Aggarwal) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

CORRIGENDUM (KOLKATA)

The Patent No. 262708 (2045/kolnp/2005) was published u/s 57 in the Official Journal Nos. 48/2014 & 11/2015 dated 28/11/2014 dated 13.03.2015 respectively as a pre-grant amendment erroneously; hence the same may be treated as unpublished u/s 57 of the Patents Act.

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION	(21) Application No.2473/DEL/2014 A
(19) INDIA	
(22) Date of filing of Application :01/09/2014	(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS OF PROVIDING FRESNEL LENS ON FIBROUS SUBSTRATE FOR PACKAGING AND OTHER APPLICATIONS AND SUBSTRATE MADE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B42D25/30 :NA :NA :NA :NA :NA : NA : NA :NA	 (71)Name of Applicant : 1)CHATURVEDI, ASHOK Address of Applicant :305, III, FLOOR, BHANOT CORNER, PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 Delhi India (72)Name of Inventor : 1)CHATURVEDI ASHOK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fibrous or fabric substrate having Fresnel lenses obtained from a process comprising coating the substrate with a radiation curable coating; embossing the curable coating with a Fresnel lens master; and curing the curable coating using UV or E-beam radiation. The invention also provides a process for providing at least one metalized Fresnel lens en a fibrous or fabric substrate by hot or cold foil stamping using a stamping punch and a stamping foil.

No. of Pages : 27 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : A SYSTEM FOR SUPPLYING ELECTRIC POWER FROM RUNNINGTRAINS

(51) International allocation	:B61L25/02,	(71)Name of Applicant :
(51) International classification	B61L23/34	1)MAYUR P. BHURKE
(31) Priority Document No	:NA	Address of Applicant :NEAR VISHNU DIGAMBAR
(32) Priority Date	:NA	SMARAK MANDIR, MIRAJ, DIST SANGLI Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAYUR P. BHURKE
(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 system for supplying electric power from running trains, comprising of a modified wheel set including a gear; generating means electro-generating assembly having a dynamoelectric generator connected with a gear and a shaft; a pair of safety rods along with shock absorbers for connecting the generator assembly to the bogie; and a collection and transportation means for collecting and transportation of the generated electricity to the main load station.

No. of Pages : 17 No. of Claims : 10

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN AUTOMATED TESTING MECHANISM FOR MECHANICAL ENDURANCE TEST OF A WITHDRAWABLE CIRCUIT-BREAKER

(51) International classification	:H01H33/46, H02B11/133, H01H3/30	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box
(31) Priority Document No	:NA	278, Mumbai 400 001, State of Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)DUBE Reena Rupnarayan
(86) International Application No	:NA	2)BURA SINGH Virender
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 one implementation, an apparatus for automated mechanical testing of at least one circuit breaker, the apparatus coupled to the circuit breaker with at least one crank handle is disclosed. The apparatus may include at least one gear mechanism with at least one optical encoder coupled to at least one direct current (DC) motor; at least one counter coupled to the gear mechanism; at least one microcontroller coupled to the DC motor and configured to receive a feedback from the circuit breaker; at least one indicator; and at least one photosensitive transistor or phototransistor separated by a gap from the indicator; wherein the optical encoder circuit uses the gear mechanism to rotate the crank handle using the DC motor

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

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : A SELF ACTUATED SPRING DISCHARGE MECHANISM OF CIRCUIT BREAKER

	:H01H33/40,	(71)Name of Applicant :
(51) International classification	H01H3/42,	1)LARSEN & TOUBRO LIMITED
	H01H71/12	Address of Applicant :L & T House, Ballard Estate, P.O. Box:
(31) Priority Document No	:NA	278, Mumbai 400 001, State of Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SENGUPTA, Himadri
(86) International Application No	:NA	2)HEMNANI, Mohit
Filing Date	:NA	3)MORE, Vishal
(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 self actuated spring discharge mechanism which is configured to operate in both directions i.e., during loading and unloading of the circuit breaker from *isolated*TM to *Maintenance*TM position and vice versa. The present invention comprises of a closing actuator link (10) which is rigidly fixed on closing shaft (11) and actuated by slider link (6), slider link (6) which rigidly guided on side plate (3), coupler link (8) it is intermediate link between slider link (6) and actuator link (9) which get actuated from actuator hump (2) fixed on racking cover (1) and spring (5) used for resetting the mechanism to its initial position.

No. of Pages : 16 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN IMPROVED CIRCUIT BREAKER			
	(71)Name of Applicant :		
H01H73/18	Address of Applicant :L & T House, Ballard Estate, P.O. Box:		
:NA	278, Mumbai 400 001, State of Maharashtra, India		
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: NA			
:NA			
	:H01H9/34, H01H73/06, H01H73/18 :NA :NA :NA :NA :NA :NA :NA :NA :NA		

(54) Title of the invention : AN IMPROVED CIRCUIT BREAKER

(57) Abstract :

The present invention provides an improved circuit breaker by lessening the assembly and number of components without affecting the working and functionality of circuit breakers by modifying the profile of heater and cassettes. Instead of using a separate component TM to fix the braid from moving contact and further screw it to heater component of TMR, the profile of the heater is modified to accommodate the braid directly. The new assembly sequence also leads to the assembly of moving core of magnet is system of TMR to be assembled in the cassettes of contact system, leading to the removal of a component called TM. These not only removes the extra components but also removes the screwing operation as braid is directly welded to heater and riveting of the Holder to the TMR system. Moreover, there is a possibility of screw joint getting loosened with vibration or in transit. That weak joint is replaced by a strong welding, whose strength is also verified during quality inspection. Lower number of components, process, human interference, assembly lines also leads to lower tolerance stack up which helps in building the reliability of product. In addition to these advantages, hardware (3 screws. 3 nuts and 3 washers for 1 MCCB) is eliminated.

No. of Pages : 20 No. of Claims : 6

(22) Date of filing of Application :29/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : A CONTACT RESETTING SYSTEM AND TRIP VELOCITY/SPEED ENHANCER FOR AN IMPROVED CIRCUIT BREAKER

	:H01H73/18,	(71)Name of Applicant :
(51) International classification	H01H71/50,	1)LARSEN & TOUBRO LIMITED
	H01H9/34	Address of Applicant :L & T House, Ballard Estate, P.O. Box:
(31) Priority Document No	:NA	278, Mumbai 400 001, State of Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)VELAYUDHAN, Praveen, Kumar, Deepak
(86) International Application No	:NA	2)RAMACHANDRAN, Sidharth
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 contact resetting system in a circuit breaker wherein the resetting system comprises a reset spring arranged in such a manner so as to enable the resetting of at least a pair of contact that is repelled, opened and locked in an event of a fault eliminating the need of an accelerated force on the main springs. The contact reset spring provides assistance to main springs provided in the mechanism to increase the TRIP velocity of the breaker.

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

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : A DEVICE FOR ACTUATING OPENING/CLOSING OPERATION OF A CIRCUIT BREAKER

(51) International classification(31) Priority Document No	:H01H33/59, H01F7/18 :NA	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box:
(32) Priority Date	:NA	278, Mumbai 400 001, State of Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SUNDARASAMY, Arunkalingaraj
Filing Date	:NA	2)SUBASH, Sukumar
(87) International Publication No	: NA	3)SUBRAMANIAN, Venkatachalam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one implementation, the accessory (1) for remote closing and opening of a miniature circuit breaker (101) has an electromagnet (2) that is the main source for driving the MCB (101). The electromagnet (2) has a moving core (3) and two identical fixed cores (4). The moving core (3) will be sliding inside a plastic bobbin (5) wounded by copper wire. The moving core is connected to the mechanism (7) with the help of a core pin (6). The present invention is an accessory that is able to open as well as close an MCB of up to four modules in size, based on the commands by the user. The advantage of the present invention lies in the compact size of the accessory, where the size of the accessory is of 1 module (17.5 mm). It can close and open the MCB as and when desired by the user based on the respective command. Also the invention paves way for connecting the accessory either to left or right of the miniature circuit breaker.

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

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE FOR CONVERTING GRAVITATIONAL FORCE INTO ELECTRICAL ENERGY

	2K53/00 (71)Name of Applicant :
(31) Priority Document No :NA	A 1)Swaraj Anil Pavitrakar.
(32) Priority Date :NA	A Address of Applicant :Gajendra Vihar Colony, Near Finlay
(33) Name of priority country :NA	Mills, Tq. Achalpur, Dist. Amravati, State Maharashtra. India
(86) International Application No :NA	A 2)Anil Vishnupant Pavitrakar
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	A 1)Swaraj Anil Pavitrakar.
(61) Patent of Addition to Application Number :NA	A 2)Anil Vishnupant Pavitrakar
Filing Date :NA	A
(62) Divisional to Application Number :NA	A
Filing Date :NA	A

(57) Abstract :

Present invention provides specially design of converter of gravitational force into electrical energy. The present invention made a design that could convert any unidirectional force into energy. The design is based on a simple idea of making object move using the downward attraction force which is gravity. This design works on the principle of acceleration due to gravity and gives the momentum to the mass and this gives potential energy to the springs and again transfer it to the pipe to make it go down and then again transfer it to the springs then again this cycle continues. This will work until there is no gravity on earth and as we know that the day will never come when there will be no gravity as it is one of the four fundamental forces that make our universe. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the setup of the system.

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

(19) INDIA

(22) Date of filing of Application :29/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN IMPROVED ARC QUENCHING IN ELECTRICAL DEVICE :H01H33/10 (71)Name of Applicant : (51) International classification **1)LARSEN & TOUBRO LIMITED** (31) Priority Document No :NA (32) Priority Date Address of Applicant :L & T House, Ballard Estate, P.O. Box: :NA (33) Name of priority country 278. Mumbai 400 001. State of Maharashtra. India :NA (72)Name of Inventor : (86) International Application No :NA Filing Date :NA 1)BEHERA, Subrat, Kumar (87) International Publication No : NA 2)VETRIVEL, K. (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In one implementation, the present invention is addressed to a circuit breaker for rapidly cooling and extinguishing an arc. The circuit breaker with an arc runner flanked to the rear end of moving conductor assembly such that it acts as an electrical conductor having a sloped bend facing the moving conductor. During arcing as the conductor opens the arc quickly jumps onto the arc runner leaving the electrical moving conductor. Then the runner smoothly commutes the arc into the deionizing splitter plate using the magnetic force from flow of electricity. Moving conductor moves radially in between the arc runner which has a stepped bend at both sides. This special arrangement will reduces the arc concentration around the moving conductor, and increases upward forces acting on the moving conductor during arcing which makes it open faster and thus helps in faster quenching.

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

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN EFFICIENT PROCESS FOR THE SYNTHESIS OF CYCLIC AMIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D223/10, C07B61/00, C07D251/54 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ANTHEA AROMATICS PRIVATE LIMITED Address of Applicant :R-81/82 TTC INDUSTRIAL AREA, RABALE MIDC, NAVI MUMBAI 400701, MAHARASHTRA, INDIA (72)Name of Inventor : 1)MOHAPATRA, Manoj Kumar 2)BENDAPUDI, Ramamohanrao 3)MENACHERRY, Paul Vincent 4)PAUL, Vincent
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(57) Abstract :

Disclosed herein is an efficient, economical, industrially advantageous, straight-through process for the preparation of cyclic amides, also referred as lactams, in substantially pure form and high yield, from the corresponding cyclic ketones and a hydroxylammonium salt, using a combination of amphoteric metal oxide or amphoteric masked metal oxide and a base.

No. of Pages : 24 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : NOVEL COMBINATION OF SOLAR POWER PLANT			
(51) International classification	:H02P6/00	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)KALAIVANAN. J	
(32) Priority Date	:NA	Address of Applicant :ME (PED), JEPPIAAR	
(33) Name of priority country	:NA	ENGINEERING COLLEGE, JEPPIAAR NAGAR, RAJIV	
(86) International Application No	:NA	GANDHI SALAI, CHENNAI-119 Tamil Nadu India	
Filing Date	:NA	(72)Name of Inventor :	
(87) International Publication No	: NA	1)KALAIVANAN. J	
(61) Patent of Addition to Application Number	:NA	2)DR. M. SASI KUMAR	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

In this novel combination of solar power plant the power generated by the solar panel is stored into rechargeable battery then this power is used to run BLDC motor with the help of power controller. The power controller has six MOSFET switches. The power controller is connected to the BLDC motor having three rotor position sensors. The BLDC motor drives the alternator through transmission means. The power generated in this power plant can be synchronise with the grid.

No. of Pages : 10 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SEPARATE COMMUNICATION CHANNEL FOR INCREASING DATA BANDWIDTH

(51) International classification	:H04L12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAKASH SOMASUNDARAN
(32) Priority Date	:NA	Address of Applicant :SUPRIYA, TEMPLE ROAD,
(33) Name of priority country	:NA	POOTHOLE, THRISSUR - 680 004 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAKASH SOMASUNDARAN
(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 describes a system and method for increasing the bandwidth of data (internet) in mobile phones by increasing the transmission speed of the internet from tower to internet service provider (ISP) and ISP to tower, tower to mobile and vice versa. The transmission between the tower and internet service provider is increased by providing a separate communication channel of 1024 bit (cabling) between them. The system further comprising a software / hardware, multiplexer / demultiplexer in the mobile (handset), which converts the 8 bit data from tower to 1024 bit data for increasing the internet speed in the mobile phone from tower to mobile and mobile to tower. The handset is made in such a way to accept incoming speed at a rate of 2 Mbps/sec.

No. of Pages : 9 No. of Claims : 5

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANAEROBIC SEPTIC	C TANK	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)DR.APPUKUTTAN SAJIDAS Address of Applicant :BIOTECH TOWERS, M.P. APPAN ROAD, VAZHUTHAKAKADU, THYCADU.P.O, TRIVANDRUM, PIN 695 014, Kerala India (72)Name of Inventor : 1)DR.APPUKUTTAN SAJIDAS

(57) Abstract :

The invention pertains to a pre-fabricated portable Anaerobio Septic Tank with a water jacket having a top cover with an inbuilt lock system. This Anaerobio Septic Tank helps to treat human excreta without environmental pollution and to produce biogas from it through biomethanation technology. The inbuilt lock system in the water jacket of the digester and in the gas collector will work together to keep the gas collector in the digester in a locked position to prevent the leakage of biogas from the digester. This invention helps to improve the sanitation and public drainage system through the treatment of human excreta in the source itself. This Anaerobio Septic Tank can be easily fixed with traditional and new generation toilets without much technical skill.

No. of Pages : 12 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPROVED ENERGY EFFICIENT ELECTRIC HEATER FOR AIR AND OTHER GASEOUS FLUID :F24H1/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)Nivedita Kapila :NA (32) Priority Date Address of Applicant :1184, Pensacola CT, Aurora, IL-60502 :NA (33) Name of priority country :NA USA U.S.A. (86) International Application No 2)Vempati Venkata Sundereswar Rao :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)Nivedita Kapila (61) Patent of Addition to Application Number :NA 2)Vempati Venkata Sundereswar Rao Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An improved energy efficient electric heater for air and other gaseous fluid comprise of a) ceramic monolithic heater body 3 provided with plurality of passages 4, inclined from proximal to distal end, making an angle with reference to the longitudinal central axis of the said heater body, and b) one or more electrical resistance heating elements6, with their terminal ends 10 connected to a common power source. One additional passage 7 can be provided along its longitudinal central axis for insertion of a second fluid transfer pipe 8 for a secondary fluid that is to be mixed, heated and or dried. The heater body 3 is enclosed in metal casing 1, with an insulation layer 9 in between and fastened to an air pipe 15 from an air source 13 at the inlet side and an extension pipe 16 at the outlet end and can be effectively utilized in spray drying, surface heating, shrink wrapping etc.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :19/04/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : E-AGRI CLINIC - A FIELD EXPERT SYSTEM FOR AGRICULTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application Name 	:NA :NA :NA	 (71)Name of Applicant : 1)Dr. S Viswanadha Raju Address of Applicant :Professor,JNTUHCEJ, Jawaharlal Nehru Technological University Hyderabad, Hyderabad,
(86) International Application No	:NA	Telangana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. S Viswanadha Raju
(61) Patent of Addition to Application Number	:NA	2)Dr. M S V S BHADRI RAJU
Filing Date	:NA	3)CHINTA SOMESWARA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In rural areas cultivation communities face difficulty to access the medical advice for crop related diseases. Many farmers have the risk of crop failure because of lack of information and immediate solution to their crop. This will create a pressure on government and researchers those who work in this field. An immediate solution to this problem is to create a crop management system that can provide fast advice for farmers at low cost. The rapid growth of Mobile telephony among the farmer community led to designing information delivery models for Agriculture services using mobiles. We partially solve the problem by proposing a mobile enabled Agriculture Service system called E-Agri Clinic that uses image string matching which plays a significant role in such cases where diagnosis services are not readily available. The proposed system will provide assistance to farmers for protection against crop failure and thus protecting poor farmers from risk. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the architecture of proposed system and Figure 7 of sheet 4 showing the diagnosis process.

No. of Pages : 26 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : A REMOVABLE KIT WITH MACHINE LEARNING CAPABILITIES TO CONVERT MANUAL TRANSMISSION AUTOMOBILES TO AUTOMATIC TRANSMISSION

(51) International classification	:F16H61/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)T.M AUGUSTINE
(32) Priority Date	:NA	Address of Applicant :THAZHATHUPARAMPIL(H),
(33) Name of priority country	:NA	TEEKOY P.O., KOTTAYAM, PIN-686580 Kerala India
(86) International Application No	:NA	2)SRIVIKRAM T
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T.M AUGUSTINE
(61) Patent of Addition to Application Number	:NA	2)SRIVIKRAM T
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A removable kit operated using battery power that could convert manual transmission to automatic transmission without altering the existing gear box, gear shifting lever, clutch assembly and clutch pedal. The kit comprising a gear lever holding assembly with pinions and a set of motors for their movement, a rack assembly with a pair of two downward and upward facing racks, a clutch control mechanism with a set of motors associated with a rack and pinion mechanism connected to the clutch pedal, a throttle-control unit that comprises of a motor that pulls the throttle lever with a cable linkage associated to it, a set of magnetic sensors and a set of auxiliary magnetic sensors for gear positioning. The system is designed in such a way that it could also work in collaboration with a smartphone and could also understand, store and reproduce the drivers driving styles whenever prompted.

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

(19) INDIA

(22) Date of filing of Application :02/03/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : MULTIPOINT FUEL INJECTION INSIDE ROTARY KILN

(57) Abstract :

The present invention relates to multipoint for fuel injection inside rotary kiln furnace through which additional quantity of small size fuel particles and / or any other fuel can be utilized to cut down the cost of production and achieve better temperature distribution in higher length of long length kiln to ensure desired condition of processing, further this invention relates to rotary kilns and provides multipoint for fuel injection particularly to small size fuel particles.

No. of Pages : 16 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/12/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CITRATE FUNCTIONALIZED MN304 NANO-PARTICLE BASED SUSTAINABLE THERAPEUTIC CATALYTIC AGENT FOR HYPERBILIRUBINEMIA.

		(71)Name of Applicant :
		1)S.N. BOSE NATIONAL CENTRE FOR BASIC
(51) International classification	:A61K36/75	SCIENCES
(31) Priority Document No	:NA	Address of Applicant : J.D. Block, Sector III, Salt Lake,
(32) Priority Date	:NA	Kolkata 700098, India. West Bengal India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GIRI, Anupam;
Filing Date	:NA	2)GOSWAMI, Nirmal;
(87) International Publication No	: NA	3)SASMAL, Chandan;
(61) Patent of Addition to Application Number	:NA	4)POLLEY, Nabarun;
Filing Date	:NA	5)MAJUMDAR, Dipanwita;
(62) Divisional to Application Number	:NA	6)SARKAR, Sounik;
Filing Date	:NA	7)BANDYOPADHYAY, Sambhu Nath;
		8)SINGHA, Achintya;
		9)PAL, Samir Kumar;

(57) Abstract :

A bilirubin decomposition therapeutic agent and compositions involving the same and more specifically a functionalized Mn3O4 nanoparticle based bilirubin decomposition therapeutic agent and compositions thereof. A highly efficient catalytic decomposition of bilirubin pathway involving an advancement leading to a citrate functionalized Mn3O4 nanoparticle in the absence of any photo activation. Advantageously studies on the citrate functionalized Mn3O4 nanoparticle confirm special and surprising exceptional catalytic activity which can selectively reduce bilirubin level (both conjugated and unconjugated) in blood very fast and without any significant alteration of other essential blood parameters. The invention is also directed to method of manufacture of the bilirubin decomposition therapeutic agent and compositions and also to kit for use in catalytic decomposition of bilirubim for therapeutic treatment of hyperbilirubinemia. The advancement thus provides a simple and cost-effective unprecedented manner of catalytic decomposition of bilirubin effective for treatment of hyperbilirubinemia.

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

(19) INDIA

(22) Date of filing of Application :09/04/2015

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMMUNICATION SYSTEM FOR DUMB (DUMB SHIRT)

(51) International classification	:H04B15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. ANNAPURNA DAS
(32) Priority Date	:NA	Address of Applicant :GURU NANAK INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, OF 157/F, NILGUNJ
(86) International Application No	:NA	ROAD,SODEPUR,PANIHATI, KOLKATA WEST BENGAL,
Filing Date	:NA	700114, INDIA West Bengal India
(87) International Publication No	: NA	2)SUNNY SANYAL
(61) Patent of Addition to Application Number	:NA	3)SUBHADEEP SAHOO
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)SUNNY SANYAL
Filing Date	:NA	2)SUBHADEEP SAHOO

(57) Abstract :

Usually a person who has disability in speech (dumb), faces many difficult situations and lack of confidence due to this disability. We are trying to make their life much easier through this project. In this project electronic devices are implanted on the dress material, so that their fingers(covered with colour bands) movements will be interpreted by morse code, in the devices. The message or information to be conveyed by the person will be displayed on the LCD screen implanted on the dress material near the chest.

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

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION	(21) Application No.1012/DELNP/2014 A
(19) INDIA	
(22) Date of filing of Application :11/02/2014	(43) Publication Date : 15/05/2015

(54) Title of the invention : TENOFOVIR ALAFENAMIDE HEMIFUMARATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C0/D4/3/34,A61K31/52,A61P31/18	 (71)Name of Applicant : 1)GILEAD SCIENCES INC. Address of Applicant :333 Lakeside Drive Foster City CA 94404 U.S.A. (72)Name of Inventor : 1)LIU Dazhan 2)SHI Bing 3)WANG Fang 4)YU Richard Hung Chiu
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(57) Abstract :

A hemifumaiate form of 9 [(R>2 [[(S) [[(S>1 (isopropoxycaibonyl)etJhyl]amino]phenoxyphosphinyl]m (tenofovir alafenamide) and antiviral therapy using tenofovir alafenamide hemifurnarate (e.g. anti HTV and anti HBV therapies).

No. of Pages : 32 No. of Claims : 67

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 15/05/2015

(51) International classification	:E01B7/02	(71)Name of Applicant :
(31) Priority Document No	:13/306258	1)ECO PRODUCTION VRESOVA SPOL. S R O
(32) Priority Date	:29/11/2011	Address of Applicant : Tyn Lomnice Dvorakova 2 356 01
(33) Name of priority country	:U.S.A.	Sokolov Czech Republic
(86) International Application No	:PCT/US2012/062076	2)IAT INTERNATIONAL
Filing Date	:26/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/081751	1)ASHKENAZI Avraham
(61) Patent of Addition to Application	:NA	2)FLEISHMAN Seth
Number		3)CHLADEK Ivo
Filing Date	:NA	4)SUCHAN Vaclay
(62) Divisional to Application Number	:NA	5)LUCOVIC Radek
Filing Date	:NA	
		1

(54) Title of the invention : ROLLER ASSEMBLY FOR A RAILWAY SWITCH

(57) Abstract :

A roller assembly for facilit 114 ating movement of a switch rail between two positions. In one embodiment, the roller 100 assembly includes a frame adapted for at tachment to the switch rail and having a pocket formed therein, and an elastomer as sembly, at least a portion of which is slidably disposed within the pocket. The elast omer assembly includes a roller wheel and an elastomeric block. The roller wheel travels along the surface of a tie plate when the switch rail is moved between positions. The elastomeric block is adapted to com press under a load applied to the switch rail in the direction of the tie plate, causing the roller wheel to retract in the direction of the pocket. When the weight of a train is exer ted on the roller assembly, the compression of the elastomeric block causes the train to ride fully on the rails, just as if the roller as sembly were not present. When no weight is exerted on the roller assembly, the roller as sembly assists the switch to move freely 00 FIG. 4 between positions.

No. of Pages : 18 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : NANO LAYER COATING FOR HIGH PERFORMANCE TOOLS

(51) International classification	:C23C30/00,C23C28/00,B82Y30/00	I)OERLIKON TRADING AG TRBBACH
(31) Priority Document No	:61/503038	Address of Applicant :Hauptstrasse 53 CH 9477 Tr ¹ /4bbach
(32) Priority Date	:30/06/2011	Switzerland
(33) Name of priority country	/ :U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:25/06/2012	1)ARNDT Mirjam
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ⁿ :NA :NA	

(57) Abstract :

The present invention relates to a coated body Fig. 1 comprising a substrate and a coating onto the substrate, the coating having a nanolaminated coating structure of alternating A and B layers (Al Tii--W)N / (Tii_z-uSi Wu)N, the individual thickness of Bm each nano layer being maximal 200 nm and the nanolamin ated coating structure exhibiting a fine-grained structure.

No. of Pages : 38 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANTICORROSION COATING COMPOSITION IN AQUEOUS DISPERSION COMPRISING AN ORGANIC TITANATE AND/OR ZIRCONATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:0401349 :11/02/2004 :France	 (71)Name of Applicant : 1)NOF METAL COATINGS EUROPE Address of Applicant :120 RUE GALILEE, ZAET DE CREIL ST MAXIMIN, F-60100, CREIL, FRANCE. (72)Name of Inventor : 1)ESPINOSA, ANTONIO, FRANCISCO, IANDOLI
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(57) Abstract :

The present invention relates to anticorrosion coating composition of metallic parts based on particulate metal in aqueous dispersion comprising, a chelated organic titanate and/or zirconate, a particulate metal or a mixture of particulate metals, a silate-based binder and water.

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

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : A SENSOR ELEMENT

(+ -)		
(51) International classification	:G01N 21/59	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NITTO DENKO CORPORATION
(32) Priority Date	:NA	Address of Applicant :1-1-2 SHIMOHOZUMI, IBARAKI,
(33) Name of priority country	:NA	OSAKA 567-8680, JAPAN.
(86) International Application No	:PCT/SG2009/000271	(72)Name of Inventor :
Filing Date	:03/08/2009	1)IRAWAN, RUDI
(87) International Publication No	:WO 2011/016775	2)LAO, LENG KIN
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The sensor element (102) includes a light input (120) configured to receive input light, a sample chamber (108) configured to accommodate a sample (124), and at least one polymer waveguide optically coupling the light input with the sample chamber, the at least one polymer waveguide (126) including a first contact portion (112) and a second contact portion (114), wherein at least a portion of the second contact portion may be arranged in the sample chamber. The second contact portion may include a different structure than the first contact portion so that a change of the light intensity of the input light passing through the second contact portion and the sample, wherein the change of the light intensity of the input light passing through the second contact portion may be different from the change of the light intensity of the input light passing through the second contact portion may be different from the change of the light intensity of the input light passing through the second contact portion may be different from the change of the light intensity of the input light passing through the second contact portion may be different from the change of the light intensity of the input light passing through the first contact portion.

No. of Pages : 93 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MINIMIZING NEED FOR SAFETY GASES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	h :H01M8/04,H01M8/12,H01M8/24 :20115685 :30/06/2011 :Finland :PCT/FI2012/050676 :28/06/2012 :WO 2013/001166 :NA :NA :NA	 (71)Name of Applicant : 1)CONVION OY Address of Applicant :Tekniikantie 12 FI 02150 Espoo Finland (72)Name of Inventor : 1)HOTTINEN Tero 2)STR-M Kim 3)LAITINEN Marko
Number Filing Date	:NA :NA	

(57) Abstract :

The focus of the invention is an arrangement for minimizing need for safety gases in high temperature fuel cell system each fuel cell in the fuel cell system comprises an anode side (100) a cathode side (102) and an electrolyte (104) between the anode side and the cathode side the fuel cells being arranged in fuel cell stacks (103) and the fuel cell system comprises a fuel cell system piping for reactants and means (108) for feeding fuel to the anode sides (100) of the fuel cells. The arrangement comprises means (122) for electrical anode protection supplying a predefined voltage separately to at least two fuel cell stacks (103) or groups of fuel cell stacks (103) to prohibit oxidation of anodes (100) a source (120) of energy sufficient for providing electrical energy for at least a predetermined minimum time for said means (122) for electrical anode protection means (124) to reduce said predefined voltage to limit anode protection current to a predefined maximum current value separately for at least two stacks (103) or groups of stacks (103) and means (126) to reliably trigger said means (122) for electrical anode protection in a situation where anode oxidation cannot be prohibited by the means (108) for feeding fuel to the anode sides (100) of the fuel cells.

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

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLUNGER ASSEMBLY FOR A HIGH PRESSURE FUEL PUMP AND HIGH PRESSURE FUEL PUMP

(51) International classification	:F04B1/04	(71)Name of Applicant :
(31) Priority Document No	:10 2011 083 571.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:28/09/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/065415	(72)Name of Inventor :
Filing Date	:07/08/2012	1)GREINER Matthias
(87) International Publication No	:WO 2013/045155	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to a plunger assembly I FIG. 2 A 2 1 for a high-pressure fuel pump for supporting a reciprocating pump piston (1) of a pump element on a cam (2) of a drive shaft (3), comprising a supporting element (4) with a recess (5), in which a running roller (6) is mounted rotatably. According to the invention, it is provided that, furthermore, a holding element (7) is provided for holding the running roller (6) in the recess (5) of the supporting element (4), which holding element (7) is connected to the supporting element (4) in a positively locking manner, wherein the positively locking connection brings about an anti-rotation safeguard of the holding element (7) with respect to a longitudinal axis A of the pump piston (1).

No. of Pages : 12 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLOW-CONTROL PASSIVE VALVE AND DAMPING-ADJUSTABLE SHOCK-ABSORBER COMPRISING THE SAME

(51) International classification	:F16F 9/32	(71)Name of Applicant :
(31) Priority Document No	:TO2009A000681	1)SISTEMI SOSPENSIONI S.P.A.
(32) Priority Date	:03/09/2009	Address of Applicant :VIALE ALDO BORLETTI 61/63 I-
(33) Name of priority country	:Italy	2011 CORBETTA (MILANO), ITALY.
(86) International Application No	:PCT/IB2010/053951	(72)Name of Inventor :
Filing Date	:02/09/2010	1)BRUNO, WALTER
(87) International Publication No	:WO 2011/027314	2)DE LILLO, GIANFRANCO
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a damping-adjustable shock-absorber (10) comprising a pressure tube (12), an outer tube (20), an intermediate tube (22) and a flowcontrol active valve (28) for controlling the flow of a damping fluid to/from the intermediate tube (22), a flow-control passive valve (32) is interposed between the intermediate tube (22) and the active valve (28). The passive valve (32) comprises a valve body (34, 36) in fluid communication on the one side (64) with the intermediate tube (22) and on the other side (82) with the active valve (28), a movable member (48) slidable in a chamber (46) of the valve body (34, 36), a spring (54) acting on the movable member (48), and metering means (56, 64, 68, 72, 76) for metering the flow of the fluid from the intermediate tube (22) to the active valve (28) through the valve body (34, 36). The metering means (56, 64, 68, 72, 76) are configured in such a manner as to allow to obtain a pressure-flow rate characteristic curve with a first ascending section and a second constant, or even descending, section.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COOLING DEVICE HOT ROLLED STEEL SHEET MANUFACTURING APPARATUS AND HOT ROLLED STEEL SHEET MANUFACTURING METHOD

(57) Abstract :

Provided is a cooling device wherein water is drained appropriately to cope with even an increase in the water volume density of cooling water to thereby ensure high cooling capability. A cooling device is provided with a plurality of cooling nozzles which are disposed downstream from a hot finished rolling mill line are capable of supplying cooling water toward a pass line from above and are arranged in the direction of the pass line and an upper surface guide which is disposed between the pass line and the cooling nozzles. The cooling device is characterized in that when the water volume density of the cooling water to be jetted is set to $q (m/(m \cdot sec))$ the pitch between the cooling nozzles in the direction of the pass line is set to h (m) the homogeneous cooling width is set to W (m) and the cross sectional area of a virtual flow path of drainage water flowing in the direction of the width of a steel sheet per pitch between the cooling nozzles in the direction of the pass line is set to S (m) a predetermined relationship is established.

No. of Pages : 55 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : NEW BENZIMIDAZOLE DERIVATIVES AND THEIR USE AS FXR AGONISTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 235/18 :09171700.9 :29/09/2009 :EPO :PCT/EP2010/064217 :27/09/2010 :WO 2011039130 :NA :NA :NA	 (71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :GRENZACHERSTRASSE 124, CH- 4070 BASEL, SWITZERLAND. (72)Name of Inventor : 1)BENSON, GREGORY MARTIN 2)BLEICHER, KONRAD 3)FENG, SONG 4)GRETHER, UWE 5)KUHN, BERND 6)MARTIN, RAINER E. 7)PLANCHER, JEAN-MARC 8)RICHTER, HANS 9)RUDOLPH, MARKUS 10)TAYLOR, SVEN
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(57) Abstract :

Compounds of formula (I) as well as pharmaceutically acceptable salts thereof can be used in the form of pharmaceutical compositions, wherein A, B, R1, R2, R3, R4, R5, n, m and p have the significance given in claim 1.

No. of Pages : 175 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMMUNICATION SYSTEM, COMMUNICATION APPARATUS, COMMUNICATION METHOD AND COMPUTER PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 72/04 :2009-188659 :17/08/2009 :Japan :PCT/JP2010/005009 :10/08/2010 :WO 2011/021365 :NA :NA :NA :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)HIROAKI TAKANO
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(57) Abstract :

By deciding positions of frequencies used via a relay station by a system in advance for assignment of boundary frequencies, frequencies of a central frequency more likely to be affected by the relay station are also mapped by avoiding a signal thereof. Alternatively, an adjacent cell whose central frequency is affected changes depending on a position of the relay station and thus, locations set to be highly likely to interfere with the central frequency of the adjacent cell is reduced by setting a region of the boundary frequencies permitted to the relay station in accordance with the position of the relay station.

No. of Pages : 96 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ABSORBENT PRODUCTS HAVING IMPROVED PACKAGING EFFICIENCY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:Canada :PCT/US2010/050635 :29/09/2010 :WO 2011/041352 :NA :NA	2)DUVAL DEAN LARRY 3)HUNDORF HARALD HERMANN 4)BERUDA HOLGER 5)BLESSING HORST 6)DZIEZOK PETER 7)KRAUSE AXEL
Filing Date	:NA :NA	8)SCHMIDT MATTIAS 9)STELZIG LUTZ

(57) Abstract :

An absorbent product is provided. The absorbent product includes a package having an interior space and an exterior surface; and a plurality of disposable absorbent articles disposed within the interior space of the package. Each of the disposable absorbent articles has a topsheet; a backsheet; a substantially cellulose free absorbent core located between the topsheet and the backsheet; a first waist region; a second waist region; a crotch region extending longitudinally between the first and second waist regions; and a fastening member extending laterally outward from the second waist region and adapted to releasably connect with a landing zone located in the first waist region. The absorbent product exhibits an In-Bag Stack Height of less about 80 mm as measured according to an In-Bag Stack Height Test.

No. of Pages : 61 No. of Claims : 10

(22) Date of filing of Application :10/02/2012

(21) Application No.1277/DELNP/2012 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : VEHICLE CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60W 40/08 :2009-189499 :18/08/2009 :Japan :PCT/IB2010/002025 :17/08/2010 :WO 2011/021090 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571 JAPAN. (72)Name of Inventor : 1)TAKEUCHI KEISUKE 2)TANAHASHI TOSHIO 3)HANAMURA HIROYUKI 4)NOUMURA SHIN 5)KOIBUCHI KEN 6)ITABASHI KAIJI 7)TAKANAMI YOJI 8)ASAHARA NORIMI
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(57) Abstract :

In a vehicle control system, an index used to set a running characteristic of a vehicle is obtained based on a running condition of the vehicle. A change of the index that makes behavior of the vehicle crisper is more likely to occur than a change of the index that makes the behavior of the vehicle milder. When it is determined that the vehicle is in a turning condition, the change of the index or a change of the running characteristic based on the index is less likely to occur than when it is determined that the vehicle is not in the turning condition.

No. of Pages : 71 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C07C 7/00	(71)Name of Applicant :
(31) Priority Document No	:09251984.2	1)BP P.L.C.
(32) Priority Date	:12/08/2009	Address of Applicant :1 ST JAMES'S SQUARE, LONDON
	:EUROPEAN	SW1Y 4PD, U.K.
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/GB2010/001515	1)LESLIE WILLIAM BOLTON
Filing Date	:10/08/2010	2)BENJAMIN PATRICK GRACEY
(87) International Publication No	:WO 2011/018619	3)MICHAEL KEITH LEE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PROCESS FOR TREATMENT OF ETHYLENE

(57) Abstract :

A process for removing water from an ethylene stream comprising water, said process comprising: introducing an ethylene stream comprising water into, and circulating said ethylene stream through, a separation vessel; - introducing a liquid di-ethyl ether stream into, and circulating said liquid diethyl ether stream through, the separation vessel, so that said liquid diethyl ether stream and said ethylene stream comprising water are brought into contact; recovering an ethylene stream having a reduced water content from the separation vessel; and optionally - recovering a liquid diethyl ether stream having an increased water con-tent from the separation vessel.

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CANCER AND OTHER DISEASES OR DISORDERS

Filing Date:28/07/2010I)VIJAYALAKSHMI RAMANAN(87) International Publication No:WO 2011/0142482)IRENE SOPHIE TOBIAS(61) Patent of Addition to Application:NA3)DAUNTEL SPECHT VERWIJSNumber:NA4)RAYMOND D. SKWIERCZYNSKI(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/07/2010 :WO 2011/014248 :NA :NA :NA	3)DAUNTEL SPECHT VERWIJS
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(57) Abstract :

This invention provides novel pharmaceutical compositions of the compound of formula (I): or a pharmaceutically acceptable salt thereof, that are suitable for the bulk production of an oral pharmaceutical dosage form; processes for the production of said oral pharmaceutical dosage form; and the use of the pharmaceutical composition for the treatment of patients suffering from or subject to diseases, disorders, or conditions involving cell survival, proliferation and migration, including chronic inflammatory proliferative disorders, proliferative ocular disorders, benign proliferative disorders, and cancer.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SEAT ASSEMBLY HAVING AN IMPACT LOAD TRANSFER STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N 2/42 :61/231,226 :04/08/2009	 (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 EAST 32ND STEEET, HOLLAND, MI 49423, U.S.A (72)Name of Inventor : 1)DANIEL JAMES SAKKINEN 2)NICHOLAS LEONARD PETOUHOFF 3)ANTOINE A. KMEID 4)TODD W. WAELDE 5)ERIC B. MICHALAK 6)JOSEPH FRANCIS PROSNIEWSKI 7)ALEXANDER I. BALIN 8)ORNELA ZEKAVICA 9)PHILIP WAYNE WILSON 10)ALEXANDER SAVESKI
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(57) Abstract :

A seat back frame for use in a vehicle seat assembly including a first side member, a second side member, an upper cross member, and a lower cross member. The seat back frame also includes a load transfer member that transfers impact loads from a collision through the seat assembly.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : FOAMS AND FOAMABLE COMPOSITIONS CONTAINING HALOGENATED OLEFIN BLOWING AGENTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08J 9/14 :61/232,836 :11/08/2009 :U.S.A.	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, U.S.A.
(86) International Application No Filing Date	:PCT/US 2010/044064 :02/08/2010	2)CLIFFORD P. GITTERE
(87) International Publication No	:WO 2011/019528	3)MICHAEL VAN DER PUY
 (61) Patent of Addition to Application Number Filing Date (2) Patent of Addition to Application Number 	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides foam forming methods that comprise: (a) preparing a foamable system comprising at least one hydrohaloolefin; and (b) ensuring either (i) the substantial absence of long-term decomposition-inducing contact between said hydrofluoroolefin and an amine-containing catalyst; (ii) that an effective amount of surfactant is available in the system under conditions which prevent long term exposure of the surfactant to a long-term decomposition reaction environment; or (iii) a combination of (i) and (ii). Related methods, foamable systems and foams are also disclosed. Preferred embodiments provide polyurethane and polyisocyanurate foams and methods for the preparation thereof, including closed-celled, polyurethane and polyisocyanurate foams are preferably produced with a polyol premix composition which comprises a combination of a hydrohaloolefin blowing agent, a polyol, a silicone surfactant, a catalyst and is further characterized by being substantially free of added water.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:B01D 53/26	(71)Name of Applicant :
(31) Priority Document No	:2009-186212	1)NABTESCO AUTOMOTIVE CORPORATION
(32) Priority Date	:11/08/2009	Address of Applicant : JA KYOSAI BLDG., 7-9,
(33) Name of priority country	:Japan	HIRAKAWACHO 2-CHOME, CHIYODA-KU, TOKYO 102-
(86) International Application No	:PCT/JP2010/063790	0093, JAPAN.
Filing Date	:10/08/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/019084	1)ICHIRO MINATO
(61) Patent of Addition to Application	:NA	2)TAKEO SHIMOMURA
Number		3)HIROYUKI MURAKAMI
Filing Date	:NA	4)HIROHISA TODOKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : STRUCTURE OF EXTERNAL COVER OF AIR DRYING APPARATUS

(57) Abstract :

In an external cover of a replaceable cartridge that makes up an air drying apparatus of a compressed air brake for a vehicle, a first slope is formed at an intermediate position between an extremity of a rising piece and a bottom of an external cover, and a left vertical wall is formed. A right vertical wall is formed opposite the left vertical wall. A top face is formed between the left vertical wall and the right vertical wall. An indentation is defined by the left vertical wall, the right vertical wall, and the top face sealing member is fitted into the indentation. A circular-arc portion is formed at a lower end of the right vertical wall. A second slope is formed in an extending manner at a predetermined height from a lower end face that is an intermediate position on a height of the external cover. An outermost vertical wall is formed so as to fall from the second slope by a circular-arc portion.

No. of Pages : 49 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PHOTOELECTRIC CONVERSION ELEMENT AND METHOD FOR PRODUCING SAME, AND ELECTRONIC DEVICE

(51) International classification	:H01M 14/00	(71)Name of Applicant :
(31) Priority Document No	:P2010-139179	1)SONY CORPORATION
(32) Priority Date	:18/06/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN.
(86) International Application No	:PCT/JP2011/063863	(72)Name of Inventor :
Filing Date	:10/06/2011	1)RYOHEI TSUDA
(87) International Publication No	:WO 2011/158922	2)MASAKI ORIHASHI
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a photoelectric conversion element for use, for example, as a dye sensitized solar cell that has a wide range of choices of additives and moreover offers better characteristics than when 4-tert-butylpyridine is used as an additive. In the photoelectric conversion element having a structure in which an electrolyte layer (7) is filled between a porous photoelectrode (3) formed above a transparent substrate (1) and a counter electrode (6), an additive having a pKa falling within the range of $6.04 \le pKa \le 7.3$ is added to the electrolyte layer (7), and/or the additive having a pKa falling within the range of $6.04 \le pKa \le 7.3$ is added to the electrolyte layer (7), and/or the additive having a pKa falling within the range of $6.04 \le pKa \le 7.3$ is added to the surface of at least either the porous photoelectrode (3) or counter electrode (6) facing the electrolyte layer (7). A pyridine-based additive or an additive having a heterocycle is used as an additive. When the electrolyte layer (7) includes an electrolytic solution, a solvent having a molecular weight of 47.36 or more is used as the solvent of the electrolytic solution. In the dye sensitized photoelectric conversion element, a photosensitizing dye is bound to the surface of the porous photoelectrode (3).

No. of Pages : 119 No. of Claims : 20

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : COATED CUTTING TOOLS HAVING A PLATINUM GROUP METAL CONCENTRATION GRADIENT AND RELATED PROCESSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C23C 30/00 :12,546,944 :25/08/2009 :U.S.A. :PCT/US2010/044192 :03/08/2010 :WO 2011/025630 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TDY INDUSTRIES, INC. Address of Applicant :1000 SIX PPG PLACE, PITTSBURGH, PENNSYLVANIA 15222, U.S.A. (72)Name of Inventor : 1)CRAIG W. MORTON 2)DEWITT DORTCH 3)JOHN BOST 4)DAVID J WILLS
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(57) Abstract :

The present disclosure is directed to cutting tools. The disclosed cutting tools may have a wear resistant coating on a substrate. The substrate may have hard particles cemented in a binder phase. The binder may have a near-surface concentration gradient of at least one platinum group element and/or rhenium. Processes for producing cutting tools are also disclosed.

No. of Pages : 60 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01B 3/64 :RM2009A000437 :12/08/2009 :Italy :PCT/IT2010/000353 :04/08/2010 :WO 2011 018813 :NA :NA :NA :NA	 (71)Name of Applicant : ROMANO ORLANDO Address of Applicant :VIA CAMPO FARNIA, 66, I-00178 ROMA (RM), ITALY. ANDREA ZOFFOLI (72)Name of Inventor : ROMANO ORLANDO ANDREA ZOFFOLI
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(54) Title of the invention : AGRICULTURAL FUNICULAR TRACTION SYSTEM WITH ELECTRIC PROPULSION

(57) Abstract :

The invention concerns an agricultural funicular traction system with electric propulsion, said system comprising two agricultural machineries, respectively one left-handed machinery (1) and one right-handed machinery (1), working as a couple, said machineries (1) left-handed and right-handed being technically identical, each machinery (1) providing a frame (2), with four wheels (3), a driving and reversible control unit (4), a hoist (5), provided with safety clutch (16), round which a cable (13) winds, jacks (9) for steadiness, on the working side of the machinery (1), towards the field to till, and weights (10) for steadiness (counterweights), means for independent and remote automatic driving, the work as a couple of said machineries (1) left-handed and right-handed being realized by means of said cable (13) having appropriate elasticity and tensile strength features, that extends, winding and unwinding during the work, between the respective hoists (5) of the two machineries (1), on said cable (13) being provided an agricultural tool (100) that moves, at the same time as said cable (13) winds around said hoists (5), between said left-handed and right-handed machineries (1), said system being characterised in that it is provided, in correspondence of the coupling of the agricultural tool (100) with said cable (13), with a telescopic arm able to lift the cable (13) during the advancement of the machineries (1) for the positioning in the next work position.

No. of Pages : 42 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/05/2010 :NA :NA :NA :NA	 (71)Name of Applicant : DZTE 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 : GOU, WEI MA, ZIJIANG
Filing Date	:NA	

(54) Title of the invention : METHOD AND DEVICE FOR CARRYING MBMS NOTIFICATION INFORMATION

(57) Abstract :

The present invention discloses a method for carrying MBMS notification information comprising: when the MBMS notification information is transmitted more than once in a modification period of MCCH information, carrying at least once the MBMS notification information in a sub-frame carrying the MCCH information at the time of arrival of the modification period of the MCCH information; and when the MBMS notification information is transmitted once in the modification period of the MCCH information, carrying the MBMS notification information in the sub-frame carrying the MCCH information at the time of arrival of the MCCH information, carrying the MBMS notification information. The present invention also discloses a device for carrying MBMS notification information information in accordance with the present invention allows a receiving terminal to save more power.

No. of Pages : 21 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR TRANSMITTING INFORMATION ACROSS SIGNALING NETWORKS

(51) International classification(31) Priority Document No(32) Priority Date	:H04L :200910171290.5 :03/09/2009	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
(32) Fibility Date(33) Name of priority country(86) International Application No	:China	HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R.
Filing Date (87) International Publication No	:24/05/2010 :NA	CHINA (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)XUN, ZHIJIAN 2)LIANG, QINGYONG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method, system and apparatus for transmitting information across signaling networks. The method includes: when a signaling transfer point belongs to more than one signaling network at the same time, setting a mapping relation between different signaling networks on the signaling transfer point according to the interaction requirement of different signaling networks; signaling networks to which the signaling transfer point belongs include a first signaling network and a second signaling network; the signaling transfer point, after receiving a message indicating a destination signaling point code sent by first signaling network and when judging that there is no signaling point where the signaling network according to the mapping relation; and when judging that the destination signaling point of the converted message is available in the second signaling network, forwards the message in the second signaling network. By applying the present invention, the message interaction and the signaling network management can be implemented in different signaling networks which cannot intercommunicate originally

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : TIMER MOVEMENT WITH A DISPLAY FOR WORLD TIME ZONES :B21J (71)Name of Applicant : (51) International classification 1)ATOP PRECISION IND. CO. LTD. (31) Priority Document No :100138210 (32) Priority Date Address of Applicant :NO. 136, DANUAN RD., TUCHENG :21/10/2011 (33) Name of priority country DIST., NEW TAIPEI CITY 236, TAIWAN, R.O.C. Taiwan :Taiwan (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)WEN-CHUN, LIN (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 timer movement with a display for world time zones, which comprises a power source, a second counter, a minute counter, an hour counter and a time zone display. By aligning the landmark of local time zone with a fixed point for calibrating the local time, then turning a time zone adjustable ring to the landmark of another time zone to be aligned with the fixed point, an inner gear ring of the time zone adjustable ring can drive a planetary idle gear, a planetary driven gear and a planetary base gear to rotate, and each elastic positioning ball is sequentially buckled and positioned along each positioning hole, and a first front hour wheel is enabled to perform planetary motion about a first minute wheel set on the planetary base gear, so as to rotate the first hour wheel meshed therewith for displacing a first hour hand to display the time of first location at the landmark of another time zone. More particularly, the present invention can further display the time of second location.

No. of Pages : 33 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:H04N 7/26	(71)Name of Applicant :
(31) Priority Document No	:2009-189990	1)SONY CORPORATION
(32) Priority Date	:19/08/2009	Address of Applicant :1-7-1, KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 1080075, JAPAN.
(86) International Application No	:PCT/JP2010/063514	(72)Name of Inventor :
Filing Date	:10/08/2010	1)KONDO, KENJI
(87) International Publication No	:WO 2011/021530	2)JUNICHI TANAKA
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

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

(57) Abstract :

The present invention relates to an image processing device and method enabling deterioration in encoding efficiency to be suppressed. A control information adding unit 184 embeds one picture worth of control information held in a control information holding unit 183 into a slice header of a predetermined slice, in encoded data held in an encoded data holding unit 182. For example, the control information adding unit 184 embeds one picture worth of control information in the slice header of the first-transmitted slice in the frame to be processed in the encoded data. The control information adding unit 184 outputs encoded data to which the control information has been added, in a predetermined order. The present invention can be applied to, for example, an image processing device.

No. of Pages : 236 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : BICYCLIC ARYL SPHINGOSINE 1-PHOSPHATE ANALOGS

(51) International classification	:A01N 43/42	(71)Name of Applicant : 1)BIOGEN IDEC MA INC.
(31) Priority Document No	:61/231,539	Address of Applicant :14 CAMBRIDGE CENTER,
(32) Priority Date	:05/08/2009	CAMBRIDGE, MA 02142, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/044607	1)JERMAINE THOMAS
Filing Date	:05/08/2010	2)XIAOGAO LIU
(87) International Publication No	:WO 2011/017561	3)EDWARD YIN-SHIANG LIN
(61) Patent of Addition to Application	:NA	4)GUO ZHU ZHENG
Number	:NA	5)BIN MA
Filing Date	.INA	6)RICHARD D. CALDWELL
(62) Divisional to Application Number	:NA	7)KEVIN M. GUCKIAN
Filing Date	:NA	8)GNANASAMBANDAM KUMARAVEL
-		9)ARTHUR G. TAVERAS

(57) Abstract :

Compounds that have agonist activity at one or more of the SIP receptors are provided. The compounds are sphingosine analogs that, after phosphorylation, can behave as agonists at SIP receptors.

No. of Pages : 185 No. of Claims : 106

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C08G 63/66	(71)Name of Applicant :
(31) Priority Document No	:12/538,259	1)ETHICON, INC.
(32) Priority Date	:10/08/2009	Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ
(33) Name of priority country	:U.S.A.	08876, U.S.A
(86) International Application No	:PCT/US2010/044836	(72)Name of Inventor :
Filing Date	:09/08/2010	1)SASA ANDJELIC
(87) International Publication No	:WO 2011/019631	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : SEMI-CRYSTALLINE, FAST ABSORBING POLYMER FORMULATION

(57) Abstract :

The present invention relates to a composition comprising a semi-crystalline, absorbable copolymer formulation wherein the first component is hydroxy-capped polycondensation product of diglycolic acid and a mixture of two idols, diethylene glycol (DEG) and ethylene glycol (EG), with DEG added in larger molar amount, and wherein the second component, glycolide is incorporated during the subsequent ring-opening polymerization. The resulting hydrophilic resin has low crystallinity level, glass transition temperature, Tg, slightly below room temperature, and may be particularly useful for making monofilaments, multifilaments, microspheres, or melt blown nonwoven constructs or other medical devices where fast hydrolysis rates and superior mechanical properties are desirable.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANGIOGENESIS REGULATING COMPOSITION AND METHOD FOR REGULATING ANGIOGENESIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N :2009-168928 :17/07/2009 :Japan :PCT/JP2010/061768 :12/07/2010 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AIR WATER INC. Address of Applicant :2 Kita 3-jo Nishi 1-chome Chuo-ku Sapporo-shi Hokkaido 060-0003 Japan (72)Name of Inventor : 1)Junya FUJIMORI 2)Hidekazu BABA 3)Toshinori MURATA
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(57) Abstract :

An angiogenesis regulating composition used to treat/prevent an angiogenic disease in a subject that contains in an effective amount at least one of nitrate nitrite and a compound convertible into nitrate or nitrite after the compound is absorbed into the subject and an angiogenesis regulation method administering to a subject a composition containing as an active ingredient at least one of nitrate nitrite and a compound convertible into nitrate or nitrite after the compound is absorbed into the subject provide a composition effective in treating and preventing angiogenic diseases that can medically control angiogenic diseases and medically regulate angiogenesis in ophthalmologic diseases in particular and allows treatment without inhibiting physiological neovascularization with a limited side effect and significantly safely and an angiogenesis regulation method using the same.

No. of Pages : 31 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :16/01/2012

(54) Title of the invention : METHOD AND SYSTEM FOR OPERATING AN ELECTROMECHANICAL GENERATOR

(51) International classification	:B24D	(71)Name of Applicant :
(31) Priority Document No	:PA 2011	1)VESTAS WIND SYSTEMS A/S
(51) Flionty Document No	70023	Address of Applicant :HEDEAGER 44 8200 ARHUS N.
(32) Priority Date	:18/01/2011	DENMARK
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:NA	1)TRIPATHI, ANSHUMAN
Filing Date	:NA	2)CAO, SHU YU
(87) International Publication No	:NA	3)DONESCU, VICTOR
(61) Patent of Addition to Application Number	:NA	4)ANDERSEN, SOREN
Filing Date	:NA	5)RASOOL BEEVI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an embodiment of the present invention, a method for operating an electromechanical generator is provided, the method comprising: determining a magnetic field reference parameter based on an electromagnetic power reference representing a desired output of the electromechanical generator, determining a scaling factor for adjusting an air-gap magnetization level of the electromechanical generator to reduce loss in operating the electromechanical generator , modifying the magnetic field reference parameter with the scaling factor; and operating the electromechanical generator based on at least the modified magnetic field reference parameter.

No. of Pages : 41 No. of Claims : 17

(22) Date of filing of Application :30/11/2013

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02K3/51 :102011077861.6 :21/06/2011 :Germany :PCT/EP2012/061212 :13/06/2012 :WO 2012/175388 :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/4nchen Germany (72)Name of Inventor : 1)GR-PPEL Peter 2)LANG Steffen 3)ROHR Claus
		3)ROHR Claus
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : ROTOR END BELL FOR ELECTRIC GENERATORS

(57) Abstract :

The invention relates to a rotor end bell (2) for an electric generator said rotor end bell (2) being made at least in part of fiber reinforced plastic. The invention also relates to a rotor (1) and an electric generator (T) comprising at least one such rotor end bell (2). The invention can be advantageously used in particular in high speed turbo generators.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:2011 009245 :19/01/2011 :Japan :PCT/JP2011/060091 :25/04/2011 :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES, LTD. Address of Applicant :16-5, KONAN 2-CHOME, MINATO- KU, TOKYO 1088215, JAPAN. (72)Name of Inventor : 1)YOSHIOKA, NOBUO 2)SHIMOTSU, TOSHIHITO 3)SAKAMOTO, TOSHIHIKO 4)MORITA, KATSUAKI
	:NA :NA	3)SAKAMOTO, TOSHIHIKO 4)MORITA, KATSUAKI 5)TOYOHARA, TAKASHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : POWER SUPPLY APPARATUS, CRANE, AND POWER SUPPLY, METHOD

(57) Abstract :

In order to reduce electric power supplied from a commercial power supply to a crane to thereby enable low-voltage power transmission, a power supply apparatus (40) includes a battery (42) for supplying electric power to an electric power load of the crane, the battery (42) being chargeable and dischargeable; and a PWM converter (41) that receives supply of a predetermined electric power from the commercial power supply. A charge/discharge controlling apparatus (53) calculates an electric power difference between the electric power consumed by the electric power load and the electric power supplied from the commercial power supply, and a charging/discharging apparatus (48) charges/discharges electric power according to the calculated electric power difference to/from the battery (42).

No. of Pages : 58 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A METHOD OF MANUFACTURING A LIGHTING DIVERTER COMPRISING SEGMENTED CONDUCTOR MEANS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:24/01/2005 : NA :NA :NA :3877/DELNP/2006	 (71)Name of Applicant : 1)LM GLASFIBER A/S Address of Applicant :Rolles M,llevej 1, DK-6640 Lunderskov, Denmark. (72)Name of Inventor : 1)DAHL, Morten 2)LILLEHEDEN, Lars, Tilsted 3)HANSEN, Lars, Bo
Filed on	:06/07/2006	

(57) Abstract :

The present invention concerns a method of producing a lightning diverter for conducting a lightning-induced electrical current, which is to be placed on structures such as wings on wind turbines, aircraft components, radomes and the like with the purpose of lightning protection. The method comprises the steps of making a plurality of holes in a plate of an electrically conductive material, filing said holes at least partly with one or more electrically non-conductive materials, and then finally dividing the plate - preferably into strips. The lightning diverter obtained hereby consists of a layer of electrically non-conductive material with a plurality of isolated segments of electrically conductive material. The invention further relates to a diverter strip with isolated segments of concave shapes being advantageous because of the good connection between the segments and the non-conductive material.

No. of Pages : 24 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FUSION GENE OF KIF5B GENE AND RET GENE AND METHOD FOR DETERMINING EFFECTIVENESS OF CANCER TREATMENT TARGETING FUSION GENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:C07K14/82,A61K45/00,A61P35/00 :2011171256 :04/08/2011 y:Japan	 (71)Name of Applicant : 1)National Cancer Center Address of Applicant :5 1 1 Tsukiji Chuo ku Tokyo 1040045 Japan 2)LSIP LLC (72)Name of Inventor :
Filing Date	:03/08/2012	1)KOHNO Takashi 2)TSUTA Koji
(87) International Publication No	¹ :WO 2013/018882	
(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 a novel method for identifying a gene which may be an indicator for predicting the effectiveness of medicine based cancer treatment and predicting the effectiveness of the treatment targeting the gene. As a result of carrying out overall transcriptome sequencing for pulmonary adenocarcinoma an in frame fusion transcription product of a KIF5B gene and an RET gene was identified. KIF5B RET gene fusion was detected in 6/319 cases (2%) of pulmonary adenocarcinoma in Japanese subjects and in 1/80 cases (1%) of pulmonary adenocarcinoma in American subjects and it was found that the gene fusion was a causative mutation (driver mutation) in the development of cancer as none of the seven cases showed a well known activated mutation i.e. EGFR KRAS and ALK oncogenes. The gene fusion is thought to cause constant activation of the RET tyrosine kinase protein and it was discovered that a treatment using an RET tyrosine kinase protein inhibitor was effective for patients in which the gene fusion has been detected.

No. of Pages : 102 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B26B21/56,B26B21/60 :61/507704 :14/07/2011 :U.S.A. :PCT/US2012/046577 :13/07/2012 :WO 2013/010049 :NA :NA :NA	 (71)Name of Applicant : 1)THE GILLETTE COMPANY Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston MA 02127 U.S.A. (72)Name of Inventor : 1)PATEL Ashok B. 2)PARKER Jeffrey S. 3)SHEN Bin 4)SKROBIS Kenneth J. 5)STONE Matthew R. 6)NISBY John J. 7)SLATTERY Jason S. 8)JU Yongqing
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(54) Title of the invention : RAZOR BLADES HAVING A LARGE TIP RADIUS

(57) Abstract :

A razor blade including a substrate with a coating joined to the substrate defining a coated blade. The coated blade including a cutting edge being defined by a blade tip having a tip radius of from 500 to 1500 angstroms. The coated blade having a thickness of between 0.3 and 0.5 micrometers measured at a distance of 0.25 micrometers from the blade tip a thickness of between 0.4 and 0.65 micrometers measured at a distance of 0.5 micrometers from the blade tip a thickness of between 0.61 and 0.71 micrometers measured at a distance of 2 micrometers from the blade tip a thickness of between 1.56 and 1.91 micrometers measured at a distance of 4 micrometers from the blade tip.

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

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : DUPLEX STAINLESS STEEL		
 (54) File of the invention : Der EEX of (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C 38/00 :2009-209160 :10/09/2009 :Japan	 (71)Name of Applicant : 1)SUMITOMO METAL INDUSTRIES, LTD. Address of Applicant :5-33, KITAHAMA 4-CHOME CHUO-KU, OSAKA-SHI OSAKA 541-0041 JAPAN. (72)Name of Inventor : 1)AMAYA, HISASHI 2)TAKABE, HIDEKI 3)OGAWA, KAZUHIRO 4)NA

(57) Abstract :

To provide a duplex stainless steel excellent in the weldability during large heat input welding and excellent in the stress corrosion cracking resistance in a chloride environment containing corrosive associated gases. [Solution] A duplex stainless steel that has a chemical composition consisting, by mass%, of C: 0.03% or less, Si: 0.2 to 1%, Mn: 5.0% or less, P: 0.040% or less, S: 0.010% or less, sol. Al: 0.040% or less, Ni: 4 to 8%, Cr: 20 to 28%, Mo: 0.5 to 2.0%, Cu: more than 2.0% and 4.0% or less and N: 0.1 to 0.35%, and optionally contains one or more selected from among V, Ca, Mg, B and a rare earth metal(s), with the balance being Fe and impurities; wherein the duplex stainless steel satisfies the relations of the following formulas (1) and (2): 2.2Cr + 7Mo + 3Cu>66 (1) Cr + 11Mo + 10Ni < 12(Cu + 30N) (2) wherein the symbols of elements in formulas (1) and (2) respectively represent the contents (unit: mass%) of the elements in the steel.

No. of Pages : 28 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:A61K 31/519	(71)Name of Applicant :
(31) Priority Document No	:2009-175619	1)UBE INDUSTRIES, LTD.
(32) Priority Date	:28/07/2009	Address of Applicant :1978-96 OAZA KOGUSHI, UBE-SHI,
(33) Name of priority country	:Japan	YAMAGUCHI 755-8633 (JP). Japan
(86) International Application No	:PCT/JP2010/062602	(72)Name of Inventor :
Filing Date	:28/07/2010	1)TSUBOIKE, KAZUNARI
(87) International Publication No	:WO 2011/013656	2)MIZUNO, GEN
(61) Patent of Addition to Application	.NI A	3)NISHIDA, HIROSHI
Number	:NA	4)KONO, SHIGEYUKI
Filing Date	:NA	5)TOYOTA, AKIKO
(62) Divisional to Application Number	:NA	6)TANZAWA, FUMIE
Filing Date	:NA	7)FUJIWARA, KOSAKU

(54) Title of the invention : PYRROLO[2,3-D]PYRIMIDINE DERIVATIVE

(57) Abstract :

Provided is a compound represented by the Formula (I) having a HER2 inhibitory action or a pharmacologically acceptable salt thereof, wherein T1 is a phenyl group, an indazolyl group, or a benzofuryl group, n is an integer of 0 to 3, R1 is a hydrogen atom, a halogen atom, a C1-4 alkyl group, a C2-6 alkenyl group, a C2-6 alkynyl group, or a C1-4 alkoxy group, m is an integer of 0 to 3, R2 is a hydroxy group or a C1-4 alkyl group optionally substituted with one or two C1-4 alkoxy groups, and R3 is a hydrogen atom, a C1-4 alkyl group, or a C2-6 alkynyl group.

No. of Pages : 65 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM AND DEVICE FOR PATIENT ROOM ENVIRONMENTAL CONTROL AND METHOD OF CONTROLLING ENVIRONMENTAL CONDITIONS IN A PATIENT ROOM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L29/08,G05B19/418,H04L12/28 :61/541653 :30/09/2011 :U.S.A. :PCT/US2012/057538 :27/09/2012	 (71)Name of Applicant : 1)SIEMENS INDUSTRY INC. Address of Applicant :3333 Old Milton Parkway Alpharetta Georgia 30005 4437 U.S.A. (72)Name of Inventor : 1)BARKER Kimberly Ann
(87) International Publication No	:WO 2013/049336	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

A patient environmental control system device and method are disclosed. The exemplary method includes detecting a state event representative of an environmental condition within the patient room and generating in response to the state event a data packet containing a payload and formatted according to a first protocol and where the payload includes environmental control information communicating the data packet to a field panel such that the field panel is in communication with a first building automation system and a second building automation system adjusting a first environmental control parameter related to the first building automation system based on the environmental control information contained within the received payload and adjusting a second environmental control parameter related to the second building automation system based on the environmental control information contained within the received payload such that the second environmental control parameter is different than the first environmental control parameter

No. of Pages : 48 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONNECTOR FOR PACKAGING CONTAINING MEDICAL FLUIDS AND PACKAGING AND MEDICAL FLUIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:A61J 1/05 :102 23 560.0 :27/05/2002 :Germany :PCT/EP03/01857 :24/02/2003 :WO 2003/099191 :NA :NA :3539/DELNP/2004 :11/11/2004	 (71)Name of Applicant : 1)FRESENIUS KABI DEUTSCHLAND GMBH Address of Applicant :ELSE-KRONER-STRASSE 1, 61352 BAD HOMBURG V.D.H. (DE). Germany (72)Name of Inventor : 1)BRANDENBURGER, TORSTEN 2)RAHIMY, ISMAEL
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(57) Abstract :

The invention relates to a connector for packaging containing medical fluids, in particular infusion or transfusion bags. Said packaging comprises a tubular connection part (1) for receiving a spike for the withdrawal of fluid, said part having a lower opening (la) on the packaging side and an upper opening (lb) on the connection side. A self-sealing membrane (10), which is pierced by the spike, is located in the connection part. The membrane (10) has an upper, annular section (12) leading into a lower, plate-shaped section (14), said annular section of the membrane surrounding the spike in a sealing manner, when the latter pierces the plate-shaped section. The membrane (10) acts as a guide for the spike and also reseals the connector, once the spike has been removed.

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

(22) Date of filing of Application :10/02/2012

(21) Application No.1253/DELNP/2012 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRICAL HINGE CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H01R 13/04 :0914027.8 :11/08/2009 :U.K.	 (71)Name of Applicant : 1)GE AVIATION SYSTEMS LLC Address of Applicant :3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/GB2010/051304 :06/08/2010 :WO 2011/018650	(72)Name of Inventor : 1)WORLEY, ANDREW
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hinge (4) for an aircraft power distribution system unit (1) comprises a first hinge member (11) for connection to a first housing part (3) of the unit, and a second hinge member (10) for connection to a second housing part (2) of the unit. The first (11) and second (10) hinge members comprise an electrically conductive material and are connectable to one another to establish an electrical connection between the hinge members (10,11) and to allow relative rotation between the hinge members.

No. of Pages : 14 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/231,431	1)VERSITECH LIMITED
(32) Priority Date	:05/08/2009	Address of Applicant :ROOM 405A, CYBERPORT 4, 100
(33) Name of priority country	:U.S.A.	CYBERPORT ROAD, HONG KONG (CN) China
(86) International Application No	:PCT/CN2010/001187	(72)Name of Inventor :
Filing Date	:05/08/2010	1)KAO, YITSUN, RICHARD
(87) International Publication No	:NA	2)YANG, DAN
(61) Patent of Addition to Application	:NA	3)YUEN, KWOKYUNG
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ANTIVIRAL COMPOUNDS AND METHODS OF MAKING AND USING THEREOF

(57) Abstract :

Compounds which exhibit antiviral activity, particularly against influenza virus, and methods of making and using there of are described herein. In one embodiment, the compounds are heterocyclic amides containing piperazine and isozazole rings and optionally substituted with one or more substituents. The compounds can be formulated with one or more pharmaceutically acceptable excipients to form compositions suitable for enteralor parenteral administration. The compounds are preferably used to treat or prevent Influenza Ainfections, such as H1N1, H2N2, H3N2, H5N1, H7N7, H1N2, H9N2, H7N2, H7N3, and H10N7.

No. of Pages : 85 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RESIN SUPPORTED CATALYST AND METHOD FOR PRODUCING RESIN SUPPORTED CATALYST

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01J31/06,B01J35/10,C08J7/04 :2011193647 :06/09/2011 :Japan	 (71)Name of Applicant : 1)SUMITOMO BAKELITE CO. LTD. Address of Applicant :5 8 Higashi Shinagawa 2 chome Shinagawa ku Tokyo 1400002 Japan
(86) International Application N Filing Date	o:PCT/JP2012/005388 :28/08/2012	2)KOCHI UNIVERSITY OF TECHNOLOGY (72)Name of Inventor :
(87) International Publication No.		1)FUNABASHI Masahiko
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KAMATA Toru 3)NISHIWAKI Nagatoshi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A resin supported catalyst containing a hardened body obtained from a thermosetting resin and catalytically active tiny particles supported on the surface of the hardened body wherein the thermosetting resin has a phenolic hydroxyl group.

No. of Pages : 43 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PORTABLE COMMUNICATION DEVICES WITH ACCESSORY FUNCTIONS AND RELATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/272708 :13/10/2011 :U.S.A. :PCT/US2012/054672 :11/09/2012 :WO 2013/055479 :NA :NA :NA	 (71)Name of Applicant : 1)THE BOEING COMPANY Address of Applicant :100 North Riverside Plaza Chicago Illinois 60606 2016 U.S.A. (72)Name of Inventor : 1)CHAPMAN Brian S.
Filing Date	:NA	

(57) Abstract :

Portable communication devices and related methods for use in supporting voice and/or data communication are provided. One example portable communication device includes a housing a display device disposed at said housing a processor disposed at least partially within said housing the processor coupled to said display device and an interface connector disposed at said housing and coupled to said processor. The interface connector is configured to couple to a module. The processor is configured to communicate through said interface connector via a plurality of communication protocols. The processor is configured to select at least one of the plurality of communication protocols based on the module coupled to the interface connector.

No. of Pages : 33 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SPRING-ELASTIC AXIAL SEAL		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16K :10 2009 028 652.7 :19/08/2009 :Germany	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY. (72)Name of Inventor : 1)REEB, GEORG 2)MUSCHELKNAUTZ, CLAUDIUS

(57) Abstract :

Described herein is a seal (160) for sealing two opposite contact surfaces (170) along a closed contour (180), comprising an elastic sealing element (210) having two opposite sealing surfaces (240) to bear against the contact surfaces (170) in the region of the contour (180); two spring elements (220, 230), each of which is associated with one of the sealing surfaces; and a supporting element (250) arranged between the spring elements(220, 230), wherein each spring element (220, 230) comprises two limbs (260, 270), one limb pressing the sealing surface (240) associated with the spring element (220, 230) against one of the contact surfaces and the other limb (260, 270) being supported on the supporting element (250).

No. of Pages : 16 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRONICALLY COMMUTATED ELECTRIC MOTOR FEATURING PREDICTION OF THE ROTOR POSITION, AND METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02P 6/16 :102009028590.3 :17/08/2009 :Germany	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY.
(86) International Application No Filing Date	:PC1/EP2010/060828 :27/07/2010	(72)Name of Inventor : 1)STEINLECHNER, SIEGBERT
(87) International Publication No	:WO 2011020681	2)PLETINCKX, JO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a n electronically commutated electric motor (1) comprising a stator (10) and an especially permanent-magnetic rotor (11), a control unit (30) which is effectively connected to the stator and is designed to generate control signals for commutating the stator (10, 12, 14, 16) in such a way that the stator (10, 12, 14, 16) generates a rotating magnetic field to rotate the rotor (11), and at least one rotor position sensor, which is designed to detect a position of the rotor and generate a rotor position signal representing the position of the rotor, wherein the control unit (30) is designed to generate the control signals in accordance with the rotor position signal. In an implementation, the control unit (30) is designed to sample and quantize the rotor position signal (27) and generate a digital predictive rotor position signal (95, 100, 102, 104, 106, 108, 110, 112).

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

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : FILAMENTS COMPRISING AN ACTIVE AGENT NONWOVEN WEBS AND METHODS FOR MAKING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D01F1/10,C11D17/04 :61/361126 :02/07/2010 :U.S.A. :PCT/US2011/042577 :30/06/2011 :WO 2012/003307 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A. (72)Name of Inventor : 1)GLENN Robert Wayne Jr. 2)GORDON Gregory Charles 3)SIVIK Mark Robert 4)RICHARDS Mark Ryan 5)HEINZMAN Stephen Wayne 6)JAMES Michael David 7)REYNOLDS Geoffrey William 8)TROKHAN Paul Dennis 9)WEISMAN Paul Thomas 10)HAMAD EBRAHIMPOUR Alyssandrea Hope 11)DENOME Frank William 12)HODSON Stephen Joseph
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(57) Abstract :

Filaments that contain a filament forming material and an additive nonwoven webs and methods for making such filaments are provided. The level of one or more additives in the filament is 50% or more weight on a dry filament basis.

No. of Pages : 116 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PESTICIDAL COMPOSITIONS WITH ENHANCED ACTIVE INGREDIENT RETENTION IN PEST CONTROL ZONES

(51) International classification (31) Priority Document No	n:A01N25/26,B01J13/22,B01J13/02 :61/527561	(71)Name of Applicant : 1)DOW AGROSCIENCES LLC
(32) Priority Date	:25/08/2011	Address of Applicant :9330 Zionsville Road Indianapolis
(33) Name of priority country	:U.S.A.	Indiana 46268 U.S.A.
(86) International Application	:PCT/US2012/052343	(72)Name of Inventor :
No	:24/08/2012	1)ATKINSON John M.
Filing Date		2)LIU Lei
(87) International Publication	:WO 2013/029005	3)RODRIGUEZ ROSAS Maria Esther
(61) Patent of Addition to		4)MANN Richard K. 5)BOUCHER Raymond E.
Application Number	:NA	6)OUSE David G.
Filing Date	:NA	7)COBB Joey D.
(62) Divisional to Application	- NT A	8)GIFFORD James M.
Number	:NA :NA	
Filing Date	.inA	

(57) Abstract :

This disclosure concerns the control of the retention and/or persistence of a biologically active compound (e.g. a pesticide) in soil. In some embodiments the use of polymer coated particles comprising a biologically active compound leads to increased persistence of the compound in a target zone to which a composition comprising the particles is applied.

No. of Pages : 40 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(51) International classification	:D02G1/06	(71)Name of Applicant :
(31) Priority Document No	:10 2011 080 416.1	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
(32) Priority Date	:04/08/2011	Address of Applicant : Industriestrae 1 3 91074
(33) Name of priority country	:Germany	Herzogenaurach Germany
(86) International Application No	:PCT/EP2012/059822	(72)Name of Inventor :
Filing Date	:25/05/2012	1)SCHMID G ¹ /4nter
(87) International Publication No	:WO 2013/017305	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : FRICTION MOTOR SPINDLE AND METHOD FOR OPERATION

(57) Abstract :

The invention relates to a friction motor spindle (10) having a housing (15) and a spindle (11), and having a bearing unit (13), which is provided for bearing the spindle (11), and also an electromotive drive (16) which is provided for directly driving the spindle (11), wherein a regulator assembly (19) for operating the electromotive drive (16) is arranged in or on the housing (15) of the friction motor spindle (10), and to a method for operating a friction motor spindle system comprising at least two friction motor spindles (10), in which system, according to the invention, at least one friction motor spindle (10) controls or regulates another friction motor spindle (10).

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEMS, METHODS, AND COMPUTER PROGRAMS FOR DYNAMIC BINARY TRANSLATION IN AN INTERPRETER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 9/455 :12/502,301 :14/07/2009 :U.S.A. :PCT/US2010/041973 :14/07/2010 :WO 2011/008856 :NA :NA :NA :NA	 (71)Name of Applicant : 1)UNISYS CORPORATION Address of Applicant :801 LAKEVIEW DR. SUITE 100, M/S 2NW BLUE BELL, PA 19422, U.S.A (72)Name of Inventor : 1)BEALE, ANDREW, WARD 2)WILTON, LOREN 3)MEYERS, ROBERT, JOSEPH
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(57) Abstract :

Various embodiments of systems and methods for dynamic binary translation in an interpreter are disclosed. An embodiment comprises a method for dynamic binary translation in an interpreter. One such method comprises: receiving non-native code comprising a sequence of one or more operators to be interpreted; building a static branch destination table associated with the operators, the static branch destination table specifying a static branch operator that branches to another operator in the sequence and a corresponding memory location to which the static branch operator branches; parsing the sequence of operators and building a cross-reference table that specifies a pointer to an operator function associated with the corresponding operator, an index of the operator in a native code sequence, and a call to a native operator; selecting a dynamic branch code template for the native operator; and based on the static branch table and the cross-reference table, emitting the native code sequence to be executed via a native processor.

No. of Pages : 29 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SWITCHGEAR

(51) International classification	:H01S	(71)Name of Applicant :	
(31) Priority Document No	:P2011-	1)KABUSHIKI KAISHA TOSHIBA	
(51) Flionty Document No	008987	Address of Applicant :1-1, SHIBAURA 1-CHOME,	
(32) Priority Date	:19/01/2011	MINATO-KU, TOKYO JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)SATO JUNICHI	
Filing Date	:NA	2)ASARI NAOKI	
(87) International Publication No	:NA	3)KUBOTA NOBUTAKA	
(61) Patent of Addition to Application Number	:NA	4)TAKEI YOSHIHIRO	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A switchgear is provided wherein an electrode unit that can be brought into contact or separated comprises: a fixed-side electrode unit (la) and a movable-side electrode unit (lb) arranged facing the fixed-side electrode unit (la), wherein: the movable-side electrode unit (lb) has a movable-side electrode shaft (11) capable of movement linked with an operating mechanism; and the fixed-side electrode unit (la) has: a fixed-side electrode shaft (4) whose leading end and the movable-side electrode shaft (11) can be brought into contact or separated and that can be moved by a prescribed distance; an electrode pushing-out spring (9) that is biased so as to push the fixed-side electrode shaft (4) out on the side of the movable-side electrode shaft (11); and a conducting contact element (7) that is arranged at the periphery of the fixed-side electrode shaft (4) and that can be brought into contact with or separated from the peripheral-side face of the movable-side electrode shaft (11).

No. of Pages : 21 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF FLUORINATION OF A METAL HALIDE IN AN AQUEOUS MEDIUM

(57) Abstract :

The invention describes a method of fluorination of at least one metal halide MX where M is a metal selected from the alkali metals and the alkaline earth metals and X is a halogen selected from chlorine bromine and iodine said method comprising the reaction in the presence of water of at least said metal halide with hydrofluoric acid. Said fluorination method is implemented in a device provided with a boiler in which the fluorination reaction takes place between the hydrofluoric acid and at least said metal halide MX a distillation column in which circulate the hydracid vapours HX formed and a system for absorbing the hydracid vapours HX positioned at the head of said column.

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

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor : 1)PARLADORI Giorgio 2)DONADIO Pasquale
	 2)DONADIO Pasquale

(54) Title of the invention : KIOSK SYSTEM FOR PROVIDING INFORMATION AND SERVICES DESCRIPTION

(57) Abstract :

The invention relates to a kiosk system comprising: a first kiosk and a second kiosk; a first device connected to said first kiosk and a second device connected to said second kiosk; a kiosk manager configured to manage said first and second kiosks; and a network connection between said kiosk manager and said first and second kiosks wherein each of said first and second kiosks comprises a virtual layer comprising characteristics which are representative of the device connected thereto; and said kiosk manager is configured to connect said first and second kiosks as a function of said representative characteristics thereby forming a kiosk sub network.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF USE OF ACTIVATED FUNCTIONAL PROTEINS TO IMPROVE ANIMAL HEALTH (51) International classification :A61K38/00 (71)Name of Applicant : (31) Priority Document No 1)PURETEIN BIOSCIENCE LLC. :13/182018 (32) Priority Date Address of Applicant :9122 Cottonwood Lane North Maple :13/07/2011 (33) Name of priority country :U.S.A. Grove MN U.S.A. (86) International Application No :PCT/US2012/046079 (72)Name of Inventor : Filing Date :10/07/2012 1)STROHBEHN Ronald E. (87) International Publication No :WO 2013/009755 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

It was found that feeding a composition including activated growth factor(s) increases feed to gain ratio increases overall weight gain reduces necessary antibiotic or electrolyte therapy and reduces mortality in animals. The composition is derived by first separating growth factor (s) from a source such as whey or blood then subjecting the factor to an activation process and then providing the activated growth factor to the animal. A feed additive comprising activated growth factors in appropriate amounts shows results that are an improvement over standard therapies of supplementation. Application of activated growth factors may be by topical injection or oral application.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ISOCYANATE GROUP-CONTAINING PREPOLYMERS HAVING GOOD STORAGE STABILITY

(31) Priority Document No:10200(32) Priority Date:11/08/(33) Name of priority country:Germa(86) International Application No:PCT/FFiling Date:28/07/	Germany EP2010/04616 (72) Name of Inventor :
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(57) Abstract :

Moisture-curing isocyanate-group-containing prepolymers based on aliphatic polyisocyanates having isocyanate contents of 2 to 20 wt.% and containing N,N,NTM-trimethyl-NTM-hydroxyethylbis(aminoethyl) ether as a catalyst.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification :C07D 307/60 (71)Name of Applicant : **1)BAYER CROPSCIENCE AG** (31) Priority Document No :09167593.4 (32) Priority Date Address of Applicant : ALFRED-NOBEL-STR. 50, 40789 :11/08/2009 MONHEIM. GERMANY. :EUROPEAN (33) Name of priority country (72)Name of Inventor: UNION (86) International Application No :PCT/EP2010/004777 **1)NORBERT LUI** Filing Date :04/08/2010 2) JEANS-DIETMAR HEINRICH (87) International Publication No :WO 2011/018180 **3)CHRISTIAN FUNKE** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR PRODUCING 2,4-DIOXOTETRAHYDROFURANE-3-CARBOXYLATES

(57) Abstract :

Process for preparing 2,4-dioxotetrahydrofuran-3-carboxylates of the formula (I) and/or (I') comprising the reaction of a haloacetyl chloride compound of the formula (II) with a malonic ester of the formula (III) in which Hal, Rl and R2 have the definitions stated in the application, in the presence of a suitable base and optionally in the presence of a solvent; the addition of a sufficient amount of water to the reaction mixture; and the isolation of the desired 2,4-dioxotetrahydrofuran-3-carboxylate.

No. of Pages : 13 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING THYROID-RELATED MEDICAL CONDITIONS WITH REDUCED FOLATES

(57) Abstract :

The present invention provides methods and compositions for treating thyroid-related medical conditions. Many thyroid-related medical conditions exist that go undiagnosed and untreated. These conditions may be prevented and treated with reduced folates and vitamin B12. Administration of reduced folates and vitamin B12 will prevent or treat cerebrospinal folate deficiency which is linked to thyroid-related medical conditions. Administration of reduced folates and vitamin B12 will also prevent or treat conditions associated with masked megaloblastic anemia and hypothyroidism and other conditions brought upon through improper thyroid function. Additionally it is commonplace to treat many thyroid conditions with anti-thyroid drugs or thyroid stimulating drugs. This practice alone is also responsible for causing or not beneficially addressing adverse conditions that can be prevented or treated through the methods and compositions discussed herein.

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

(21) Application No.1609/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLANT GROWTH REGULATING COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D213/75,C07D213/84,C07D213/79 :11181635.1 :16/09/2011 :EPO :PCT/EP2012/067706 :11/09/2012 :WO 2013/037755 ^{IO} :NA :NA :NA :NA	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland 2)SYNGENTA LIMITED (72)Name of Inventor : 1)JUNG Pierre Joseph Marcel 2)LEIPNER Joerg 3)LACHIA Mathilde Denise 4)DE MESMAEKER Alain 5)MCLACHLAN Matthew Murdoch Woodhead
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(57) Abstract :

The present invention relates to novel non steroidal brassinosteroid mimetic derivatives to processes and intermediates for preparing them to plant growth regulator compositions comprising them and to methods of using them for controlling the growth of plants and/or promoting the germination of seeds.

No. of Pages : 58 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SOLID/LIQUID SEPARATION APPARATUS AND TOILET FACILITY PROVIDED WITH SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B01D29/00,A47K11/00,B01D24/46 :2011214032 :29/09/2011 :Japan :PCT/JP2012/074405 :24/09/2012 ⁿ :WO 2013/047443 :NA :NA	 (71)Name of Applicant : 1)LIXIL CORPORATION Address of Applicant :1 1 Ojima 2 chome Koto ku Tokyo 1368535 Japan (72)Name of Inventor : 1)NAKAMIYA Toshihiro 2)MURAI Tatsunori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a solid/liquid separation apparatus and a toilet facility provided with same which make it possible to properly store solid matter that has been separated. A solid/liquid separation apparatus (10) separates a solid/liquid mixture such as human excreta animal manure or household rubbish into solid matter and liquid matter. The solid/liquid separation apparatus (10) is provided with: a separation plate (20) which receives a solid/liquid mixture at the upper surface thereof and is provided with an opening through which liquid matter passes downwards; and a conveyance system (30) for pushing out in multiple directions from the separation plate solid matter remaining on the separation plate (20).

No. of Pages : 40 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MACROMOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K47/48,A61K39/00,A61K31/00 :61/493886 :06/06/2011 :U.S.A. :PCT/AU2012/000647 :06/06/2012 :WO 2012/167309 :NA :NA :NA	 (71)Name of Applicant : STARPHARMA PTY LTD Address of Applicant :Baker Building 75 Commercial Road Melbourne Victoria 3004 Australia (72)Name of Inventor : OWEN David KELLY Brian Devlin KARELLAS Peter
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(57) Abstract :

The present invention relates to a macromolecule comprising a dendrimer having surface amino groups to which at least two different terminal groups are attached including a pharmaceutically active agent and a pharmacokinetic modifying agent the pharmaceutically active agent comprising a hydroxyl group and being attached to the surface amino group of the dendrimer through a diacid linker. Pharmaceutical compositions comprising the macromolecules and methods of treatment using the macromolecules are also described.

No. of Pages : 111 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification(31) Priority Document No(32) Priority Date	:A61M 1/16 :102009026376.4 :14/08/2009	 (71)Name of Applicant : 1)BRENSING, KARL, AUGUST Address of Applicant :RHEINSTRASSE 37, 53179 BONN
(33) Name of priority country(86) International Application NoEiling Data	:Germany :PCT/EP2010/061907	, , .
Filing Date (87) International Publication No	:16/08/2010 :WO 2011/018528	(72)Name of Inventor : 1)BRENSING, KARL, AUGUST
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DEDENBACH, MICHAEL 3)KLUTH, RAINER
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : COUPLING AND SWITCHING UNIT FOR LINES FOR TRANSPORTING FLUIDS

(57) Abstract :

The present invention relates to a coupling and switching unit for transporting gas-containing fluids, comprising a feed line (30, 30a) for a gas/liquid mixture a branching-off line (27) for the liquid/gas mixture a throttle valve (28) in the branching-off line (27) and a valve (31) for discharging the main flow from the line (30a), preferably via a Venturi nozzle 33 and the coupler 38 into the standard outflow 37 or into a collecting container 53. Figure 1

No. of Pages : 24 No. of Claims : 12

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ROLLING MILL COIL FORMING LAYING HEAD WITH PATH OR PIPE HAVING NESTED LAYER CONSTRUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B21C47/14 :61/539069 :26/09/2011 :U.S.A. :PCT/US2012/055318 :14/09/2012	 (71)Name of Applicant : 1)SIEMENS INDUSTRY INC. Address of Applicant :3333 Old Milton Parkway Alpharetta Georgia 30005 4437 U.S.A. (72)Name of Inventor : 1)FIORUCCI Keith
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/048772 :NA :NA :NA :NA	

(57) Abstract :

A rolling mill coil forming apparatus (30) includes a rotating quill (50 that supports an elongated path hollow structure (60) such as a laying head pipe (260) for receiving elongated material after it has been rolled. A portion of the elongated structure or the entire structure (260) is formed from nested enveloping layers (261) by inserting layers of pipe or other elongated hollow structure (263) into each other. Elongated path hollow structures formed from nested layers can be constructed in any three dimensional compound curve shape that can replicate the smooth continuous curve elongated material transport path of known laying pipes or any other desired path.

No. of Pages : 31 No. of Claims : 20

(21) Application No.1616/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61F2/20	(71)Name of Applicant :
(31) Priority Document No	:FR1102694	1)PROTIP
(32) Priority Date	:06/09/2011	Address of Applicant :8 Place de lH´pital F 67000 Strasbourg
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2012/051996	(72)Name of Inventor :
Filing Date	:06/09/2012	1)WALDER Andr Michel Charles
(87) International Publication No	:WO 2013/034858	2)LEFEBVRE Sylvain
(61) Patent of Addition to Application	:NA	3)PERRIN Nicolas
Number	:NA :NA	4)BERENGER Maurice
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : NEW INTRA LARYNGEAL ENDOPROSTHESIS

(57) Abstract :

The present invention relates to the field of prosthetics having the function of restoring swallowing breathing and phonation to a patient having a dysfunctional larynx. More specifically the present invention concerns a valve device forming an intra laryngeal endoprosthesis intended for implanting in the anatomical larynx in place having the function of enabling breathing while forming a seal against elements such as saliva mucus or any other element coming from the bolus. The complete intra laryngeal endoprosthesis as well as its various applications are also the subject matter of the present invention.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HOMOGENEOUS EXTRUDED ARTICLES MADE FROM THERMOPLASTICALLY PROCESSABLE POLYURETHANES BASED ON POLYESTER DIOLS FORMED FROM SUCCINIC ACID AND 1 3 PROPANEDIOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2012/069076 :27/09/2012 ¹ :WO 2013/045546 :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany (72)Name of Inventor : 1)BR,,UER Wolfgang 2)SHEN Yi 3)KAUFHOLD Wolfgang 4)NEFZGER Hartmut
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
(57) Abstract :		

(57) Abstract :

The present invention relates to homogeneous extruded articles made from thermoplastically processable polyurethanes based on polyester diols formed from succinic acid and 1 3 propanediol.

No. of Pages : 18 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WHITE METAL BABBITT FOR ROLLING MILL BUSHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/US2012/053004 :30/08/2012	 (71)Name of Applicant : 1)SIEMENS INDUSTRY INC. Address of Applicant :3333 Old Milton Parkway Alpharetta Georgia 30005 4437 U.S.A. (72)Name of Inventor : 1)SEELIG Karl F.
No	:WO 2013/048664	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A tin based white metal alloy consisting essentially by weight of approximately 5.0% 9.0% antimony approximately 3.0% 8.0% copper approximately 0.1% 0.7% cobalt and the balance tin.

No. of Pages : 9 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : FOOD PRODUCT COMPRISING RYE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Priority Date (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Filing Date (62) Divisional to Application NA Filing Date (52) Divisional to Application NA NA NA NA NA 	K31/702 (71)Name of Applicant : 1)RYEFACTOR AB Address of Applicant :c/o -stman "ppelvgen 15 S 247 47 Flyinge Sweden (72)Name of Inventor : 1)-STMAN Elin 2)ROS‰N Liza 3)BJ-RCK Inger 4)NILSSON Anne 5)NYMAN Margareta
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(57) Abstract :

The present invention concerns a rye extract as well as food compositions comprising said extract. The present invention also relates to the use of the extract for the manufacture of a food composition a dosage product a pharmaceutical or a medicament. The present invention further relates to the uses of said extract and food composition dosage product pharmaceutical or medicament for the treatment controlling or prevention of diseases or conditions related to metabolic syndrome diabetes or obesity or in the promotion of satiety weight loss or maintenance of desired body weight.

No. of Pages : 32 No. of Claims : 12

(21) Application No.10342/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/11/2013

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H01H50/54,H01H1/20 :10 2011 078 632.5 :05/07/2011 :Germany :PCT/EP2012/061862 :20/06/2012 :WO 2013/004499	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany (72)Name of Inventor : 1)SPIES Alexander
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/004499 :NA :NA :NA :NA	

(54) Title of the invention : CONTACT SLIDE UNIT FOR A SWITCHING UNIT

(57) Abstract :

The invention relates to a contact slide unit for a switching unit in particular for a circuit breaker having a contact slide (1) in which a switching piece can be guided and a contact slide guide apparatus in which the contact slide (1) is guided. The invention is distinguished in that a linear contact means is provided between the contact slide (1) and the contact slide guide apparatus.

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J49/00,B01J41/04 :2011199724 :13/09/2011 :Japan :PCT/JP2012/072802 :06/09/2012 :WO 2013/038990 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ASAHI GLASS COMPANY LIMITED Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008405 Japan (72)Name of Inventor : 1)AIDA Shigeru 2)NARUMI Mizuna 3)HAMAZAKI Kazuo
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(54) Title of the invention : METHOD FOR RECOVERING ANIONIC FLUORINATED EMULSIFIER

(57) Abstract :

Provided is a method for recovering an anionic fluorinated emulsifier enabling an anionic fluorinated emulsifier onto which a basic ion exchange resin has been adsorbed to be recovered easily and efficiently. A basic ion exchange resin adsorbed onto an anionic fluorinated emulsifier is brought into contact with a mixture of an inorganic acid aqueous solution a fluorinated medium and a non fluorinated medium and a liquid phase containing a fluorinated medium is recovered; or a basic ion exchange resin adsorbed on an anionic fluorinated emulsifier is brought into contact with an inorganic acid aqueous solution and then brought into contact with a mixture of a fluorinated medium and then brought into contact with a mixture of a fluorinated medium and a non fluorinated medium whereupon the basic ion exchange resin and the liquid phase are separated and the liquid phase is recovered; and an acid of the anionic fluorinated emulsifier is recovered from the liquid phases.

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(51) International classification :G06F17/30 (71)Name of Applicant : (31) Priority Document No 1) TENCENT TECHNOLOGY (SHENZHEN) COMPANY :201210101570.0 (32) Priority Date :09/04/2012 LIMITED (33) Name of priority country Address of Applicant :Room 403 East Block 2 SEG Park :China (86) International Application No :PCT/CN2013/072961 Zhenxing Road Futian Shenzhen Guangdong 518044 China (72)Name of Inventor : Filing Date :20/03/2013 (87) International Publication No :WO 2013/152661 1)CAO Yue (61) Patent of Addition to Application 2)CAO Yuancheng :NA Number 3)LIU Rui :NA Filing Date 4)ZOU Wei (62) Divisional to Application Number :NA 5)YANG Junsong Filing Date :NA 6)WU Keke

(54) Title of the invention : INFORMATION SEARCHING METHOD AND DEVICE AND COMPUTER STORAGE MEDIUM

(57) Abstract :

Disclosed are an information searching method and device and a computer storage medium which belong to the technical field of computers. The method comprises: acquiring a search keyword inputted by a user and user information; and according to the search keyword and the user information conducting a search to obtain search information which matches the search keyword and is related to the user information. The device comprises an acquisition module and a search module. A computer program is stored in the computer storage medium and the computer program is used for executing the information searching method of the present invention. The present invention can conduct a search according to the acquired search keyword and user information to obtain the search information which matches the search keyword and is related to the user information and a great correlation between the information obtained through searching and the user exists thereby improving the degree of correlation between the search information and the user.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND APPARATUS FOR RECYCLING HYDROGEN IN REFINING UNIT OF DEVICE FOR PURE TEREPHTHALIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	·(hing	 (71)Name of Applicant : 1)CHINA NATIONAL PETROLEUM CORPORATION Address of Applicant :NO. 9, DONGZHIMEN NORTH STREET, DONGCHENG DISTRICT, BEIJING 100007, CHINA. China 2)CHINA TEXTILE INDUSTRIAL ENGINEERING INSTITUTE (72)Name of Inventor : 1)RUIKUI YAO 2)WENDE LUO 3)HUATANG ZHOU 4)CHUN ZHANG 5)YINGZHI WANG
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(57) Abstract :

A method and an apparatus for recycling hydrogen in refining unit of device for pure terephthalic acid are disclosed. The method comprises: the water vapor in non-condensed gases discharged from crystallization and flash evaporation is removed by cooling and decompressing; the hydrogen with suitable purity formed is recycled. The apparatus comprises a hydrogen compressor and equipment for lowering temperature and pressure. The inlet of said equipment for lowering temperature and pressure is connected with the outlet of the non-condensed gases of the crystallizer group in the refining unit and its outlet is connected with the inlet of the hydrogen compressor. In the invention, because the non-condensed gases discharged from the crystallizer group can be recycled after being treated by lowering temperature and pressure, the existed process and the investment are not changed on the whole, and the method is easy to apply. More importantly, the method of the invention can decrease energy consumption and has significant economic benefit. FIG. 1 1 slurry blending 2 heater group 3 condensate tank 4 condensed water 5 heater 6 leaching tower 7 to the atmosphere 8 crystallizer group 9 mother liquor recovery 10 filtrating and washing 11 to oxidizing unit 12 high-pressure steam 13 flash evaporation gas + H2 14 high-pressure H2 (from hydrogen compressor) 15 hydrogenation reactor 16 desalted water 17 recovered cooling water 18 to hydrogen compressor or hydrogen making equipment 20 cooling water 21 drying 22 leaching 24 PTA product

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

(21) Application No.1794/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (36) International Application No (371) Name of Applicant : (372) Name of Inventor : (373) Name of Inventor : (374) Name of Inventor : (374) Name of Inventor : (375) Name of Inventor : (375) Name of Inventor : (376) Name of Inventor :<th colspan="4">(54) Title of the invention : CONDUCTIVE SEALANT COMPOSITIONS</th>	(54) Title of the invention : CONDUCTIVE SEALANT COMPOSITIONS			
 (87) International Publication No (61) Patent of Addition to Application Number (61) Patent of Addition to Application NA (62) Divisional to Application Number (62) Divisional to Application Number (63) Divisional to Application Number (64) NA 	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01B1/24,C09D181/00 :61/535886 :16/09/2011 :U.S.A. :PCT/US2012/054628 :11/09/2012 :WO 2013/081707 :NA :NA :NA	 (71)Name of Applicant : 1)PRC DESOTO INTERNATIONAL INC. Address of Applicant :12780 San Fernando Road Sylmar California 91342 U.S.A. (72)Name of Inventor : 	

(57) Abstract :

Embodiments of the present disclosure are directed to sealant compositions including a base composition with at least one sulfur containing polymer a curing agent composition and an electrically conductive filler including carbon nanotubes and stainless steel fibers. The electrically conductive filler can be in either or both of the base composition and the curing agent composition. The sealant compositions are substantially Ni free and exhibit unexpectedly superior EMI/RFI shielding effectiveness.

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

(21) Application No.1795/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SCREENING METHODS AND USES THEREOF

(51) International classification	:C12N15/10,G01N33/68,C40B30/04	(71)Name of Applicant : 1)BIOINVENT INTERNATIONAL AB
(31) Priority Document No	:1116364.9	Address of Applicant :S 223 70 Lund Sweden
(32) Priority Date	:22/09/2011	(72)Name of Inventor :
(33) Name of priority country	y:U.K.	1)FREND‰US Bjrn
(86) International Application No Filing Date	:PCT/EP2012/068576 :20/09/2012	2)MATTSSON Jenny
(87) International Publication	WO 2013/041643	
(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 improved screening methods and in particular to methods of screening anti ligand libraries for identifying anti ligands specific for differentially and/or infrequently expressed ligands.

No. of Pages : 77 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLANT CONT	TAINER	
 (54) Title of the invention : PLANT CONT (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	AINER :A01G9/02 :1113714.8 :09/08/2011 :U.K. :PCT/GB2012/000641 :06/08/2012 :WO 2013/021153 :NA :NA	 (71)Name of Applicant : 1)SEDDON Alan Mark Address of Applicant :Pelton Fold Barn Road Edgworth Bolton BL7 0BS U.K. (72)Name of Inventor : 1)SEDDON Alan Mark
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A plant container which has one or more openings throughout its wall and has parts of that wall which can be manipulated to so that plants can be more easily inserted into said openings in the wall of the plant container.

No. of Pages : 10 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE AND METHOD FOR CONTROL OF A MOTOR VEHICLE S PROPULSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S 151 87 Sdertlje Sweden (72)Name of Inventor : 1)REDBRANDT Karl 2)LAGHAMN Andreas 3)PETERSSON Fredrik 4)WGBERG Mikael
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for automatic disconnection of the propulsion of a motor vehicle (100; 110) by means of a clutch (240) in a power train of the vehicle. The method comprises the steps of continuously determining a prevailing driving force (Fdriv) for propulsion of the vehicle (100; 110) and automatically opening said clutch (240) when said driving force (Fdriv) exceeds a predetermined value (THforce) in order to disconnect the vehicle s propulsion. The invention relates also to a computer programme product containing programme code (P) for a computer (200; 210) to implement a method according to the invention. The invention relates also to a device for automatic disconnection of the propulsion of a motor vehicle (100; 110) by means of the clutch (240) in the vehicle s power train and to a motor vehicle (100; 110) which is equipped with the device.

No. of Pages : 27 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C03C 25/10	(71)Name of Applicant :
(31) Priority Document No	:61/233,273	1)CORNING INCORPORATED
(32) Priority Date	:12/08/2009	Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
(33) Name of priority country	:U.S.A.	NEW YORK 14831, U.S.A.
(86) International Application No	:PCT/US2010/045283	(72)Name of Inventor :
Filing Date	:12/08/2010	1)CHING-KEE CHIEN
(87) International Publication No	:WO 2011/019885	2)ROBERT C. MOORE
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : OPTICAL FIBER CONTAINING MULTI-LAYERED COATING SYSTEM

(57) Abstract :

The present invention relates to an optical fiber that includes a glass fiber and three or more coatings that encapsulate the glass fiber, where the three or more coatings include a primary coating in contact with said glass fiber, one or more intermediate coatings that surround the primary coating, and a secondary coating that surrounds the intermediate coatings. Both three-coating and four-coating systems are described that afford improve microbend performance.

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

		(21) Application No.1243/DELNP/2012 A
(19) INDIA(22) Date of filing of Application :10/02/2012		(43) Publication Date : 15/05/2015
(54) Title of the invention : SUPPLY AND SEPARATE SIMULTANEOUSLY ACTU		ULIC UNIT FOR A LIFTING ASSEMBLY WITH TWO ARINGS
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F15B 11/12 :09/03522 :17/07/2009 :France :PCT/FR2010/000507 :13/07/2010 :WO 2011/007059 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LOHR INDUSTRIE Address of Applicant :29 RUE DU 14 JUILLET, 67980 HANGENBIETEN, FRANCE. (72)Name of Inventor : PHILIPPE MARTIN

(57) Abstract :

The invention relates to a hydraulic unit (I) mounted on a vehicle with an adjustable platform, supported by two mechanically separate arms actuated by a separate hydraulic lifting device (5, 6). The hydraulic unit has the supply and return fluid for the two hydraulic lifting devices flowing therethrough, and preferably includes: a balance valve (21) controlling the lowering of the platforms; a flow divider (22) enabling a division of the supply fluid into two flows having an identical flow rale, each supplying one of the hydraulic lifting devices; and a resetting solenoid valve (23) that, when the operator controls the resetting of the hydraulic lifting devices, regardless of the operation direction and position thereof, isolales one of the hydraulic devices (6) in order to immobilize the same while the other (5) carries on moving.

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

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H02J3/14	(71)Name of Applicant :
(31) Priority Document No	:1113426.9	1)OPEN ENERGI LIMITED
(32) Priority Date	:03/08/2011	Address of Applicant :1 Pemberton Row London EC4A 3BG
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2012/051892	(72)Name of Inventor :
Filing Date	:03/08/2012	1)BLOOR Katie
(87) International Publication No	:WO 2013/017896	2)ROUSSOPOULOS Kimon
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RESPONSIVE LOAD CONTROL METHOD

(57) Abstract :

The responsive load control method manages the allocation and adjustment of service triggering grid frequencies across a population of responsive loads. The responsive load control method is particularly suited to responsive loads that have substantially no duty cycle or which have a long duration (> 1 hr) duty cycle. With this responsive load control method provision of the responsive load service is shared fairly amongst the population of contributing responsive loads.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CARBAMATE/ UREA DERIVATIVES CONTAINING PIPERIDIN AND PIPERAZIN RINGS AS H3 **RECEPTOR INHIBITORS**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition of Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D401/04,C07D417/04,C07D487/04 :PCT/CN2011/080529 :08/10/2011 :China :PCT/IB2012/055424 :08/10/2012 :WO 2013/050987 to :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)WANG Tielin 2)ZHANG Xuechun
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(57) Abstract :

The invention relates to compound of the formula I (I) or a salt thereof wherein the substituents are as defined in the specification; to its preparation and to medicaments comprising it for tracting diseases connected to tehinhibition of H3 receptor.

No. of Pages : 86 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : OXO NITROGENATED COMPLEX OF LANTHANIDES CATALYTIC SYSTEM COMPRISING SAID OXO NITROGENATED COMPLEX AND PROCESS FOR THE (CO)POLYMERIZATION OF CONJUGATED DIENES

(51) International classification	:C08F4/00,C08F36/00,C08F136/00	(71)Name of Applicant : 1)VERSALIS S.P.A.
(31) Priority Document No	:MI2011A001652	Address of Applicant : Piazza Boldrini 1 San Donato Milanese
(32) Priority Date	:14/09/2011	I 20097 Milano Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/067990 :13/09/2012	1)RICCI Giovanni 2)SOMMAZZI Anna 3)LEONE Giuseppe
(87) International Publication No	:WO 2013/037911	4)BOGLIA Aldo 5)MASI Francesco
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A bis imine pyridine complex of lanthanides having general formula (I). Said bis imine pyridine complex of lanthanides having general formula (I) can be advantageously used in a catalytic system for the (co)polymerization of conjugated dienes.

No. of Pages : 106 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D471/04,A61K31/437 :NA :NA :NA :PCT/EP2011/065967 :14/09/2011 :WO 2013/037411 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PROXIMAGEN LIMITED Address of Applicant :Proximagen Limited 3rd Floor 91 93 Farringdon Road London Greater London EC1M 3LN U.K. (72)Name of Inventor : 1)EVANS David 2)CARLEY Allison 3)STEWART Alison 4)HIGGINBOTTOM Michael 5)SAVORY Edward 6)SIMPSON Iain 7)NILSSON Marianne 8)HARALDSSON Martin 9)NORDLING Erik 10)KOOLMEISTER Tobias
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(54) Title of the invention : NEW ENZYME INHIBITOR COMPOUNDS

(57) Abstract :

2-{4-[1-(4-chlorophenyl)-IH-pyrrolo[2,3-c]pyridin-3-yl]piperidin-1-yl}ethan-1-amine; 3- aminopropyl 4-[1-(4- chlorophenyl)-IHpyrrolo[2,3-c]pyridin-3-yl]piperidine-l-carboxylate; l-{4-[1-(4-chlorophenyl)-lH-pyrrolo[2,3-c]pyridin-3-yl]piperidin-1-yl} -4-(dimethylamino)butan- 1-one; 5-amino- 1- {4-[1-(4-chlorophenyl)- lH-pyrrolo[2,3-c]pyridin-3- yl]piperidin- 1- yl}pentan- 1-one; N-(2-aminoethyl)-4-[1-(4-chlorophenyl)- IH-pyrrolo[2,3- c]pyridin-3-yl]piperidine- 1-carboxamide; N-(3-aminop - ropyl)-4-[1-(4chlorophenyl)-IH- pyrrolo[2,3-c]pyridin-3-yl]piperidine-I-carboxamide; 4-[1-(4-chlorophenyl)- IH-pyrrolo[2, 3- c]pyridin-3-yl]-N-[3-(dimethylamino)propy]piperidine- 1-carboxamide; 1-({4-[1-(4-chlorophenyl)-lH-pyrrolo[2,3-c]pyridin-3-y]piperidin-1-y]} carbonyl)piperazine: 4-({4-[1-(4-chlorophenyl)- lH-pyrrolo[2,3-c]pyridin-3-yl]piperidin- 1-yl} carbonyl)mor - pholine: 1-({4-[1-(4-chlorophenyl)- lH-pyrrolo[2,3-c]pyridin-3-yl]piperidin- 1-yl} carbonyl]mor - pholine: 1-({4-[1-(4-chlorophenyl)- lH-pyrrolo[2,4-c]pyrrolo[2,4-c]pyrrolo[2,4-c]pyrrolo[3,4-c]pyrrol chlorophenyl)-lH-pyrrolo[2,3-c]pyridin-3-yl]piperidin-l-yl}carbonyl)-l,4-diazepane; ethyl 1- [l-(4- chlorophenyl)-lH-pyrazolo[3,4c]pyridin-3-yl]piperidine-4-carboxylate; ethyl l-[l-(4- methylphenyl)-lH-pyrazolo[3,4-c]pyridin-3- yl]piperidine-4-carboxylate; l-[l-(4chlorophenyl)-IH-pyrazolo[3,4-c]pyridin-3-yl]piperidine-4-carboxylic acid; N-(2- aminoethyl)- 1-[1 -(4-chlorophenyl)- IHpyrazolo[3,4-c]pyridin-3-yl]piperidine-4-carboxamide; 4-({ 1-[1-(4-chlorophenyl)- 1Hpyrazolo[3,4-c]pyridin-3-yl]piperidin-4 yl}carbonyl)morpholine; 1-({ 1-[1-(4-chlorophenyl)- lH-pyrazolo[3,4-c]pyridin-3-yl]piperid - in- 4-yl}carbonyl)piperazine; {4-[1-(4-chlorophenyl)- lH-pyrazolo[3,4-c]pyridin-3-yl]piperid - in- 4-yl}carbonyl]piperazine; {4-[1-(4-chlorophenyl)- lH-pyrazolo[3,4-c]pyridin-3-yl]piperid - in- 4-yl}carbonyl]piperazine; {4-[1-(4-chlorophenyl)- lH-pyrazolo[3,4-c]pyridin-3-yl]piperazine; {4-[1-(4-chlorophenyl]piperazine; {4-[1-(4methylphenyl)-lH-pyrazolo[3,4-c]pyridin-3-yl]morpholin- 3-yl}methanol; {4-[1-(4-methylphenyl)-lH-pyrazolo[3,4-c]pyridin-3-yl]methanol; {4-[1-(4-methylphenyl]methanol; {4-[1-(4-methylphenyl]methanol; {4-[1-(4-methylphenyl]methanol; {4-[1-(4-methylphenyl]m yl]morpholin-2-yl}methanol; [(3R)-4-[1-(4-chlorophenyl)-1H-pyrazolo[3,4-c]pyridin-3-yl]morpholin-3-yl]methanol; methyl 4-[1-(4chlorophenyl)-IH-pyrazolo[3,4-c]pyridin-3-yl]morpholine-3- carboxylate; N-(2- aminoethyl)-4-[1-(4-chlorophenyl)- IH-pyrazolo[3,4-c]pyridin-3-yl]morpholine-3- carboxylate; N-(2- aminoethyl)-4-[1-(4-chlorophenyl)-1H-pyrazolo[3,4-c]pyridin-3-yl]morpholine-3- carboxylate; N-(2- aminoethyl)-4-[1-(4-chlorophenyl)-1H-pyrazolo[3,4-c]pyridin-3-yl]morpholine-3- carboxylate; N-(2- aminoethyl)-4-[1-(4-chlorophenyl)-1H-pyrazolo[3,4-c]pyridin-3-yl]morpholine-3- carboxylate; N-(2- aminoethyl)-4-[1-(4-chlorophenyl)-1H-pyrazolo[3,4-c]pyridin-3-pyr c]pyridin-3- yl]morpholine-3-carboxamide; 2-{4-[1-(4-chlorophenyl)-lHpyrazolo[3,4-c]pyridin-3- yl]morpholin-3-yl}ethan-l-ol; methyl 1-[1-(4-chlorophenyl)-1H-pyrazolo[3,4-c]pyridin-3- yljpiperidine 2-carboxylate; N-(2-aminoethyl)- 1-[1-(4-chlorophenyl)-1Hpvrazolo[3.4- c]pvridin-3-v]]piperidine-2-carboxamide: 1-({ 1-[1-(4- chlorophenvl)-lH-pvrazolo[3.4- c]pvridin-3-v]]piperidin-2yl}carbonyl)piperazine; 4-[1-(4-methylphenyl)-lH-pyrrolo[2,3- c]pyrid- in-3-yl]morpholine; 1-(4-chlorophenyl)-3-(piperidin-4-yl)- lHpyrrolo[2,3-c]pyridin-4- ol; N-butyl- 1-(4-chlorophenyl)-N-methyllH- pyrazolo[3,4-c]pyridin-3-amine; 1-[4- (fluoromethyl)phenyl]-3-(oxan-4-yl)-IH-pyrazolo[3,4-c]pyridine; and 3-({4-[1-(4-chlorophenyl)-IH-pyrazolo[3,4-c]pyridm-3-yl]piperidin-1-yl}methyl)pyridine are useful for the inhibition of SSAO activity.

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23Q3/155,B23Q3/157 :10 2011 053 467.9 :09/09/2011 :Germany :PCT/EP2012/067310 :05/09/2012 :WO 2013/034591 :NA :NA :NA :NA	 (71)Name of Applicant : MAG IAS GMBH Address of Applicant :Stuttgarter Strasse 50 Gppingen 73033 Germany (72)Name of Inventor : ABELN Tobias POMPE Walter ELL Benedikt GUNZENHAUSER Markus HOMMEL Gerhard
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(54) Title of the invention : MACHINE TOOL AND TOOL REPLACEMENT METHOD

(57) Abstract :

A machine tool is disclosed that comprises a machine frame at least one tool spindle arranged on the machine frame and movable in relation thereto a workpiece holder and a storage device for tools which is arranged on the machine frame. A chain bearing device communicates with the storage device and the at least one tool spindle.

No. of Pages : 39 No. of Claims : 25

(22) Date of filing of Application :10/03/2014

(21) Application No.1806/DELNP/2014 A

(43) Publication Date : 15/05/2015

JUCER ARRANGEMEN	1
:H02K7/10	(71)Name of Applicant :
:61/522587	1)MOL BELTING SYSTEMS INC.
:11/08/2011	Address of Applicant :a Corporation of the State of Michigan
:U.S.A.	2532 Waldorf Court Grand Rapids MI 49544 U.S.A.
:PCT/US2012/050502	(72)Name of Inventor :
:13/08/2012	1)WOLTERS Laurens G.J.
:WO 2013/023204	2)DEGROOT Michael Hendrik
:NA :NA	3)HULSHOF Gerko
:NA	
:NA	
	:61/522587 :11/08/2011 :U.S.A. :PCT/US2012/050502 :13/08/2012 :WO 2013/023204 :NA :NA :NA

(54) Title of the invention : CYCLO REDUCER ARRANGEMENT

(57) Abstract :

A motorized drum has a drum shell and a motor and a cycloidal reducer are disposed inside. An output of the reducer rotates slower than the motor and a hollow input shaft accommodates miscellaneous components. The hollow input shaft has an eccentric raceway that engages an input gear of the cycloidal reducer and urges it into eccentric motion. The cycloidal reducer has an internal toothed output ring gear that is rotationally affixed to the drum shell for transmitting rotary power thereto. A fixed shaft is coupled to a guide pin housing that constitutes a fixed reference point of the cyclo reducer. A torque coupler has orthogonally placed driving face pairs that couple the guide pin housing to the fixed shaft. The hollow input shaft has plural axially protruding driven tabs for receiving an input torque from the motor rotor. A coupler has orthogonally arranged driven face pairs for coupling the hollow input shaft to the motor rotor.

No. of Pages : 85 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RADIAL ROLLER ANTIFRICTION BEARING ARRANGEMENT IN PARTICULAR FOR A NEEDLE SLEEVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16C19/46,F16C33/78 :102011080743.8 :10/08/2011 :Germany :PCT/EP2012/058332 :07/05/2012 :WO 2013/020726 :NA :NA :NA	 (71)Name of Applicant : 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant :Industriestrae 1 3 91074 Herzogenaurach Germany (72)Name of Inventor : 1)ENDERS Johannes
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(57) Abstract :

The invention relates to a radial-roller antifriction bearing arrangement, iri particular for a needle sleeve (1), which is composed substantially of a thin-walled outer ring (4), which can be inserted into a bore (2) of a housing (3) and which has two radially inwardly directed rims (5, 6), and of a needle ring (7) which is held in the outer ring (4) by said rims (5, 6). Here, the needle ring (7) is formed by a needle cage (8) and by a multiplicity of bearing needles (9) guided therein at uniform intervals in the circumferential direction, which bearing needles roll on the inner lateral surface (10) of the outer ring (4) and on the outer lateral surface (11) of a shaft (12),td be mounted or of a separate inrier ring. Furthermore, axially adjacent to the side sur; faces (13, 14),of the needle cage (8) there are arranged at least two seals (15, 16) which protect the needle sleeve (1) against dirt from the outside and against loss of lubricant. According to the invention, at least one of the seals (15 or 16) is formed from an elastomer as a multi-lip seal composed of at least two component ring (4) which is arranged between the associated rim (5 or 6) of the outer ring (4) and the adjacent side surface (10) of the outer ring (4) and the adjacent side surface (13 or 14) of the needle cage (8) and over the inner lateral surface (19), the end surface (20) and the outer lateral surface (21) of the rim (5-or 6).

No. of Pages : 13 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRONIC APPARATUS POWER SUPPLY DEVICE SYSTEM AND APPARATUS

(51) International classification:G06F11/00,H01M10/46,H02J7/00		(71)Name of Applicant :
(31) Priority Document No	:2011181965	1)NIKON CORPORATION
(32) Priority Date	:23/08/2011	Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008331 Japan
(86) International Application	:PCT/JP2012/005191	(72)Name of Inventor :
No	:17/08/2012	1)KANO Goro
Filing Date	.17/08/2012	
(87) International Publication No	:WO 2013/027379	
(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 causes a power supply device to execute a new program. Provided is an electronic apparatus which receives power from the power supply device in a contact less manner wherein the electronic apparatus has intra apparatus circuitry which operates using power received from a power supply device via a power transmission path to the electronic apparatus a program acquisition unit which acquires from the outside a program to be executed by the power supply device and stores the same and an apparatus side communication unit which transmits the program via the power transmission path to the power supply device.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOBILE COMMUNICATION NETWORK SYSTEM COMMUNICATION CONTROL METHOD AND NON TEMPORARY COMPUTER READABLE MEDIUM STORING PROGRAM THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2011214409 :29/09/2011 :Japan :PCT/JP2012/006042 :24/09/2012 :WO 2013/046620 :NA :NA	 (71)Name of Applicant : 1)NEC Corporation Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor : 1)SHOJI Takuya 2)IWAI Takanori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

When a mobile management node MME (22) which is a mobile management node arranged on the core network side to perform management and control of mobile communication receives a detach request signal from a mobile station UE (27) requesting detachment the connection between the mobile station UE (27) and the core network is disconnected by omitting the detachment process on the core network side and releasing only the wireless line to the mobile station UE (27) with the core network side communication session which was set when the mobile station UE (27) was first attached being maintained as is. Subsequently when an attach request signal requesting attachment is received from the mobile station (27) the attachment process on the core network side is omitted and only the wireless line is set with the core network side communication session which was maintained for the mobile station (27) being used as is.

No. of Pages : 56 No. of Claims : 10

(21) Application No.1824/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GAS ACTUATED RETARDER SYSTEM FOR RAILWAY CAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:B61K7/02,B60T8/00,B60T10/02 :61/535823 :16/09/2011 :U.S.A. :PCT/US2012/055017 :13/09/2012 :WO 2013/040132 :NA	 (71)Name of Applicant : 1)TRACKSIDE SERVICES INC. Address of Applicant :5045 North 35th Street Milwaukee WI 53209 5301 U.S.A. (72)Name of Inventor : 1)KICKBUSH Gregory F.
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

There is disclosed a method and a gas actuated retarder system for railway cars to control the rolling speed of a railway car along a first and second running rails of a track section. The retarder system includes a plurality of steel ties positioned substantially parallel to each other and perpendicular to the first and second running rails of a track section. A plurality of gas bladder mounts are positions between the running rails of the gas actuated retarder system. Coupled to each of the gas bladder mounts are air bladders with one air bladder on a side of the centerline of the gas actuated retarder system. Inflating and deflating the gas bladder selectively controls the amount of speed reduction of the railcar.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR OPERATING AN ENERGY SUPPLY UNIT FOR AN ON BOARD POWER SYSTEM OF A MOTOR VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:F02N11/08,H02J7/16,H02P9/08 :102011086734.1 :21/11/2011	1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	2	Germany
(86) International Application N	o:PCT/EP2012/071913	(72)Name of Inventor :
Filing Date	:06/11/2012	1)JACOB Andreas
(87) International Publication No	:WO 2013/075935	2)JANSEN Sebastian
(61) Patent of Addition to Application Number	:NA	3)ESCHENHAGEN Marc 4)REUTER Axel
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for operating an energy supply unit (200) for an on board power system of a motor vehicle wherein the energy supply unit (200) has an electric generator (10) with a stator with a stator winding and a rotor with a rotor winding (1) as well as a field controller (2) which is assigned to the rotor winding (1) and has the purpose of predefining the current flowing through the rotor winding (2) wherein the electric generator (10) is made to rotate without a current being predefined by the rotor winding (1) as a result of which a starting voltage is generated wherein at least one component (1 2 5 6 11) of the energy supply unit (100 200) or of the on board power system is supplied with the starting voltage.

No. of Pages : 12 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M25/10,A61L29/00 :2011214496 :29/09/2011 :Japan :PCT/JP2012/074419 :24/09/2012 :WO 2013/047449 :NA :NA :NA	 (71)Name of Applicant : 1)TERUMO KABUSHIKI KAISHA Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan (72)Name of Inventor : 1)FUJITA Yotaro 2)ONISHI Makoto 3)MAEDA Naoyuki
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(54) Title of the invention : CATHETER BALLOON AND BALLOON CATHETER

(57) Abstract :

The aim of the present invention lies in providing a catheter balloon (11) which has improved pressure resistance in a film as a whole and a balloon catheter (10). A tubular catheter balloon (11) is formed from a film comprising a lamination of at least two layers comprising a polyamide elastomer layer (8) and a polyamide layer (9). The polyamide elastomer layer (8) is provided inside the polyamide layer (9). The refractive index n in the circumferential direction of the section perpendicular to the axis on the inside surface of the polyamide elastomer layer (8) is greater than the refractive index n in the circumferential direction of the section perpendicular to the axis on the inside surface of the polyamide elastomer layer (8) and the difference between the refractive index n and the refractive index n is at least 0.01.

No. of Pages : 64 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CAPACITIVELY COUPLED CELL BALANCER WITH A COMMON AC BUS

(51) International classification	:H02J7/00,G01R31/36,H02M3/335	(71)Name of Applicant : 1)BALANCELL (PTY) LTD
(31) Priority Document No	:2011/04440	Address of Applicant :Unit 32 Roeland Square Roeland Street
(32) Priority Date	:15/06/2011	Cape Town 8001 South Africa
(33) Name of priority country	:South Africa	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/ZA2012/000042 :06/06/2012	1)DE VRIES Ian Douglas
(87) International Publication No	:WO 2013/003869	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention concerns a capacitively coupled cell balancer with a common AC bus. It comprises either a half or full bridge connected to each cell of a set of N cells which are either floating or connected in series. The midpoints of each half bridge and the full bridges are coupled through coupling capacitors to a common AC bus.

No. of Pages : 18 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :10/02/2012

(71)Name of Applicant : 1)CHUGAI SEIYAKU KABUSHIKI KAISHA Address of Applicant :5-1, UKIMA 5-CHOME, KITA-KU, TOKYO 1158543, JAPAN (51) International classification :C07D 401/14 2)F. HOFFMANN-LA ROCHE AG (31) Priority Document No :2009-184822 (72)Name of Inventor: (32) Priority Date :07/08/2009 1)TAKA, NAOKI (33) Name of priority country :Japan 2)OHMORI, MASAYUKI (86) International Application No :PCT/JP2010/063315 3)TAKAMI, KYOKO :05/08/2010 Filing Date 4)MATSUSHITA, MASAYUKI (87) International Publication No :WO 2011/016528 5)HAYASE, TADAKATSU (61) Patent of Addition to Application :NA 6)HYOOD, IKUMI Number 7)KOCHI, MASAMI :NA Filing Date 8)NISHII, HIROKI (62) Divisional to Application Number :NA 9)EBIIKE, HIROSATO Filing Date :NA **10)NAKANISHI, YOSHITO** 11)MIO, TOSHIYUKI 12)WANG, LISHA 13)ZHAO, WEILI

(54) Title of the invention : AMINOPYRAZOLE DERIVATIVE

(57) Abstract :

A compound represented by formula (I) or a pharmacologically acceptable salt thereof, which can inhibit a fibroblast growth factor receptor (FGFR) family kinase in cancer tissues. (In the formula, A represents a 5- to 10-membered heteroaryl group, or a C6-10 aryl group; R1 and R2 independently represent H, OH, X, CN, NO2, a C1-4 haloalkyl group, a C1-6 alkyl group, or the like ; R3 represents H, a C1-5 alkyl group, a C6-10 aryl group, a C1-5 alkyl group, or a C1-4 haloalkyl group; and R4 represents H, X, a C1-3 alkyl group, a C1-4 haloalkyl group.

No. of Pages : 306 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A62D1/06 :201110235101.3 :16/08/2011 :China :PCT/CN2012/080091 :14/08/2012 :WO 2013/023575 :NA :NA :NA :NA	 (71)Name of Applicant : 1)XIAN J & R FIRE FIGHTING EQUIPMENT CO. LTD. Address of Applicant :Room 705 Building 6 No.65 Kejierlu Gaoxin District Xian Shaanxi 710065 China (72)Name of Inventor : 1)YAO Junna 2)LIU Yi
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(54) Title of the invention : FIRE EXTINGUISHING COMPOSITION COMPRISING ORGANIC ACID COMPOUND

(57) Abstract :

The present invention relates to a fire extinguishing composition comprising an organic acid compound wherein the fire extinguishing composition comprises an organic acid compound. The content of the organic acid compound is 50% by mass or more and preferably 70% to 90% by mass. The organic acid compound according to the present invention may absorb heat and be decomposed at a high temperature and release a fire extinguishing substance. The fire extinguishing substance may react by means of free radicals with one or more of O· OH· H· free radicals that are necessary for chemical looping combustion thus cutting off the chemical looping combustion or may reduce the oxygen partial pressure by physical action to inhibit the flame or achieve the fire extinguishing effect by both the physical and chemical inhibition effects. At the same time the organic acid compound achieve a synergistic effect together with a firework powder thereby further improving the fire extinguishing performance of the fire extinguishing agent and greatly shortening the effective fire extinguishing time.

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

(21) Application No.1966/DELNP/2014 A

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : DETERGENT COMPOSITION FOR HAND WASHING DISHES

() () () () () () () () () () ()	 51) International classification 51) Priority Document No 32) Priority Date 33) Name of priority country 36) International Application No 57) International Publication No 51) Patent of Addition to 51) plication Number Filing Date 52) Divisional to Application 	:14/09/2012	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)SUZUKI Keigo 2)KONISHI Yoshihiro
	S2) Divisional to Application lumber Filing Date	:NA :NA	

(57) Abstract :

The present invention is a detergent composition for hand washing dishes which contains under specific conditions: (a) a specific sulfosuccinic acid alkyl ester or salt thereof; (b) a propylene oxide adduct type or propylene oxide ethylene oxide adduct type specific anionic surfactant (excluding (a) however); and (c) a sulfobetaine surfactant.

No. of Pages : 58 No. of Claims : 15

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLASMA SC	URCE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01J37/32 :10 2011 112 759.7 :08/09/2011 :Germany :PCT/EP2012/003623 :29/08/2012 :WO 2013/034258 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OERLIKON TRADING AG TRBBACH Address of Applicant :Hauptstrasse 53 CH 9477 Tr¹/4bbach Switzerland (72)Name of Inventor : 1)KRASSNITZER Siegfried 2)LENDI Daniel 3)HAGMANN Juerg

(57) Abstract :

The present invention relates to a plasma source which is arranged in floating fashion on a vacuum chamber wherein the plasma source comprises a source housing and a filament is provided in the source housing and is arranged so as to be insulated therefrom wherein means for measuring the potential drop between the source housing and the filament are provided. The measured potential drop can be used for regulating the voltage heating the filament. According to the invention corresponding means are provided.

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

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : TELEPHONIC COMMUNICATIONS WITH INTELLIGENT PROTOCOL SWITCHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:30/07/2010 :WO 2011/014259 :NA :NA :NA	 (71)Name of Applicant : 1)RIBBIT CORPORATION Address of Applicant :800 W.EL CAMINO REAL, SUITE 250, MOUNTAIN VIEW, CALIFORNIA 94040, U.S.A. U.S.A. (72)Name of Inventor : 1)WATERS, CHRISTOPHER M.
Filing Date	:NA :NA	

(57) Abstract :

In various exemplary embodiments described herein, a system and associated method to intelligently and automatically select compatible communication protocols between one or more communications networks is disclosed. The system can include an application engine configured to couple to at least a first one of the one or more communications networks and receive a sample of an attempted communication from a first end-point. The first end-point is a telephonic device attempting to initiate communications with a second end-point. The second end-point is also a telephonic device. The application engine includes a decoder engine to determine a first protocol associated with the first end-point and a second protocol associated with the second end-point. A protocol conversion engine is configured to convert the first protocol to be compatible with at least a second one of the one or more networks associated with the second protocol.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ISLET CELL SHEET, PROCESS FOR PRODUCTION THEREOF, AND USE THEREOF

(51) International classification	:A61L 27/00	(71)Name of Applicant :
(31) Priority Document No	:2009-193648	1)TOKYO WOMEN'S MEDICAL UNIVERSITY
(32) Priority Date	:02/08/2009	Address of Applicant :8-1, KAWADA-CHO, SHINJUKU-
(33) Name of priority country	:Japan	KU, TOKYO 162-8666 JAPAN
(86) International Application No	:PCT/JP2010/063033	(72)Name of Inventor :
Filing Date	:02/08/2010	1)SHIMIZU HIROFUMI
(87) International Publication No	:WO 2011/016423	2)OHASHI KAZUO
(61) Patent of Addition to Application	:NA	3)UTOH RIE
Number	:NA :NA	4)ISE KAZUYA
Filing Date	.NA	5)YAMATO MASAYUKI
(62) Divisional to Application Number	:NA	6)OKANO TERUO
Filing Date	:NA	7)GOTOH MITSUKAZU
		•

(57) Abstract :

A polymer that changes hydration at a temperature between 0 to 80°C is coated on the surface of a cell culture support, and islet cells are cultured on the support at a temperature range that causes polymer to have weak hydration, then the temperature of a culture solution is changed to a temperature that causes the polymer to have strong hydration to obtain islet cells in a sheet form. Such islet cells in a sheet form have an insulin producing function even if there is no blood flow.

No. of Pages : 33 No. of Claims : 27

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : SURGICAL INSTRUMENT WITH STAPLE REINFORCEMENT CLIP

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:A61B19/00,A61B17/072,A61B17/122 p:13/233681 :15/09/2011 :U.S.A. :PCT/US2012/054406 :10/09/2012 :WO 2013/039821 :NA :NA	 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati Ohio 45242 U.S.A. (72)Name of Inventor : 1)HUITEMA Thomas W. 2)SWAYZE Jeffrey S. 3)SIEGEL Julianne M. 4)KERR Wendy A. 5)HALL Steven G.
Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus comprises a surgical instrument having a cutter and a stapler. The cutter is operable to sever a portion of tissue. The apparatus further comprises a plurality of staples where the stapler is operable to introduce the plurality of staples into tissue to form a staple line. The apparatus further comprises a reinforcement clip. The reinforcement clip is operable to be in selective communication with the staple line. The reinforcement clip comprises a crown a leg portion and a teeth portion. In some versions the leg portion has a width operable to cover the area defined by the staple line. In some versions the teeth portion is configured to anchor into tissue.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : WIRE MATERIAL FOR NON REFINED MACHINE COMPONENT; STEEL WIRE FOR NON REFINED MACHINE COMPONENT; NON REFINED MACHINE COMPONENT; AND METHOD FOR MANUFACTURING WIRE MATERIAL FOR NON REFINED MACHINE COMPONENT STEEL WIRE FOR NON REFINED MACHINE COMPONENT AND NON REFINED MACHINE COMPONENT

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/JP2012/071323 :23/08/2012 :WO 2013/031640 :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)OKONOGI Makoto 2)YAMASAKI Shingo 3)KAWANA Akifumi 4)GOTOHDA Hideaki
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(57) Abstract :

A wire material having a tensile strength of 900 to 1300 MPa and adapted for use in manufacturing a non refined machine component wherein the wire material contains 0.20 to 0.50 wt% of C 0.05 to 2.0 wt% of Si and 0.20 to 1.0 wt% of Mn; is limited to 0.030% or less of P 0.030% or less of S and 0.005% or less of N; and has less than 0.60 of F1 defined by expression (1) the balance comprising Fe and inevitable impurities. A metallographic structure includes 64—(C%)+52% or more of a pearlite structure by volume and the balance comprises one or two types of a pro eutectoid ferrite structure and a bainite structure. Designating the diameter of the wire material as D the average block particle diameter of the pearlite structure in the region from the surface layer to 0.1D is 15 µm or less and (the average block particle diameter of the pearlite structure in the region from the surface layer to (0.1D)/(the average block particle diameter of the pearlite structure in the range from 0.25D to the center) is less than 1.0. F1 = C(%)+Si(%)/24+Mn(%)/6...(1)

No. of Pages : 41 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANTICONVULSANT ACTIVITY OF TURMERIC OIL AND BISABOLENE SESQUITERPENOIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1111319.8 :04/07/2011 :U.K. :PCT/EP2012/063027 :04/07/2012 :WO 2013/004740	 (71)Name of Applicant : 1)Katholieke Universiteit Leuven Address of Applicant :KU Leuven Research & Development Waaistraat 6 bus 5105 B 3000 Leuven Belgium 2)UNIVERSIDAD DE CUENCA (72)Name of Inventor : 1)DE WITTE Peter A. M. 2)ESGUERRA Camila V. 3)CRAWFORD Alexander D. 4)ORELLANA PAUCAR Adriana Monserrath
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(57) Abstract :

The present invention relates to the anti Figure 2. convulsant activity of turmeric oil and its volatile bis- abolene sesquiterpenoids arturmerone, a-turmerone, b-turmerone (curlone) and a- atlantone, as an anticon B) vulsant agent for the treatment of epilepsy and/or as TURMERIC OIL therapeutic agents for the treatment of disorders of the central nervous system, including tremor, pain, mood 150000 disorders (including depression, bipolar disorder, atten tion deficit-hyperactivity disorder, and schizophrenia), and neurodegenerative diseases.

No. of Pages : 43 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INJECTOR ASSEMBLY			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	n :A61M5/20,A61M5/24,A61M5/32 :1115650.2 :12/09/2011 :U.K. :PCT/GB2012/052236 :11/09/2012 :WO 2013/038166 :NA :NA :NA	 (71)Name of Applicant : 1)OWEN MUMFORD LIMITED Address of Applicant :Brook Hill Woodstock Oxford Oxfordshire OX20 1TU U.K. (72)Name of Inventor : 1)BICKNELL Stephen 2)DIX Robert 	

(57) Abstract :

An injector assembly (100) includes a main body (102) having a first connecting arrangement and a cap (104) having a second connecting arrangement for in use releasably connecting the cap to the first connecting arrangement of the main body. The first or the second connecting arrangement (120) includes an open neck portion (122) leading to a locating portion (124) at least part of the locating portion having a maximum width (120A) greater than a maximum width (120B) of the open neck portion. The second or the first connecting arrangement (108) respectively includes a head portion (109) having a maximum width (108A) greater than the maximum width of the open neck portion.

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

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SKIN PENETRATION DEVICE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)OWEN MUMFORD LIMITED Address of Applicant :Brook Hill Woodstock Oxford Oxfordshire OX20 1TU U.K. (72)Name of Inventor : 1)HUDSON Christopher 2)MULLER Timothy

(57) Abstract :

A lancing device comprises a housing (10 12) and a lancet holder movably mounted within the housing. The lancet holder has a forward portion defining a socket (30) for partially surrounding and retaining in use the rear portion of a lancet. A lancet release element (40 42) can be moved forward to cooperate with lugs on the socket to expand it to allow insertion and/or removal of the lancet with minimal insertion or withdrawal force.

No. of Pages : 32 No. of Claims : 21

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INJECTION DEVICE		
(51) International classification	:A61M5/20,A61M5/315	(71)Name of Applicant :
(31) Priority Document No	:1103557.3	1)OWEN MUMFORD LIMITED
(32) Priority Date	:02/03/2011	Address of Applicant :Brook Hill Woodstock Oxford
(33) Name of priority country	:U.K.	Oxfordshire OX20 1TU U.K.
(86) International Application No	:PCT/GB2012/050470	(72)Name of Inventor :
Filing Date	:02/03/2012	1)COWE Toby
(87) International Publication No	:WO 2012/117255	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 N A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an injection device a rotary indicator element (20) indexes angularly between a pre firing position to an injection complete position to create a visual and audible/tactile signal as the drive plunger (28) arrives at or near its fired position. The indicator element (20) has a saw tooth profile which co operates with respective abutments (34 40) on the plunger and a housing part of the device to control and energise indicator movement.

No. of Pages : 26 No. of Claims : 12

(21) Application No.2025/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/250188 :30/09/2011 :U.S.A.	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor : 1)BAUER Eric J. 2)ADAMS Randee S. 3)REENTS William D. 4)CLOUGHERTY Mark M.
Number Filing Date		4)CLOUGHERTY Mark M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HARDWARE CONSUMPTION ARCHITECTURE

(57) Abstract :

Various exemplary embodiments relate to a method and related network node including one or more of the following identifying a hardware failure of a failed component of a plurality of hardware components; determining a set of agent devices currently configured to utilize the failed component; reconfiguring an agent device to utilize a working component of the plurality of hardware components. Various exemplary embodiments additionally or alternatively relate to a method and related network node including one or more of the following: projecting a failure date for the hardware module; determining whether the projected failure date is acceptable based on a target replacement date for the hardware module; if the projected failure date is not acceptable selecting a parameter adjustment for a hardware component wherein the parameter adjustment is selected to move the projected failure date closer to the target replacement date and applying the parameter adjustment to the hardware component.

No. of Pages : 46 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS TO SEPARATE HALOGENTATED OLEFINS FROM 2 CHLORO 1 1 1 2 TETRAFLUOROPROPANE USING A SOLID ADSORBENT

	:PCT/US2012/057193 :26/09/2012	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962 2245 U.S.A. (72)Name of Inventor : 1)MERKEL Daniel C. 2)POKROVSKI Konstantin A. 3)TUNG Hsueh Sung
Application NumberFiling Date(62) Divisional to Application	:NA :NA	
Number Filing Date	:NA	

(57) Abstract :

The present invention provides a method for separating halocarbons. In particular the invention provides a method for separating halogenated olefin impurities from 2 chloro 1 1 1 2 tetrafluoropropane (HCFC 244bb) using a solid adsorbent particularly activated carbon. More particularly the invention pertains to a method for separating 2 chloro 3 3 3 trifluoro propene (HCFO 1233xf) from HCFC 244bb which are useful as intermediates in the production of 2 3 3 3 tetrafluoropropene (HFO 1234yf).

No. of Pages : 17 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : SEALING DEVICE FOR METER COVER OR COUPLING BOLT OF TERMINAL BOX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01D11/24,G01D11/26,G01R11/24 :NA :NA :NA :PCT/KR2011/008405 :07/11/2011	 (71)Name of Applicant : 1)DELTA CORP Address of Applicant :159 8 Gunja dong Siheung si Gyeonggi do 429 802 Republic of Korea (72)Name of Inventor : 1)KIM Am Kyu
Filing Date (87) International Publicatio No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein is a sealing device for a coupling bolt of a cover or terminal box of a meter (3). The sealing device makes it possible to use a typical coupling bolt as a sealing bolt without requiring a separate sealing wire and a special sealing bolt. Typically, in the conventional technique, at least two to four coupling bolts are used to couple a cover which protects a counting machine of various meters, wherein one or two bolts are special sealing bolts. In the present invention, a typical coupling bolt functioning as a sealing bolt can be used in such a way that it is tightened into the meter after passing through a sealing cap (20), and a sealing lock (30) is threaded into the sealing cap to prevent the sealing bolt fiom being exposed to the outside, thus making it impossible to remove the sealing bolt from the meter.

No. of Pages : 14 No. of Claims : 2

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

(43) Publication Date : 15/05/2015

(57) Abstract :

This disclosure relates to a power conversion system to power a variable impedance load with a variable power source the power conversion system comprising a power converter including input terminals adapted to receive variable power from the variable power source and output terminals providing a converted power to the variable impedance load based on the variable power received at the input terminals. The power converter increases the input voltage to an output voltage. The power converter is configured to reflect a source impedance of the variable power source to the variable impedance load.

No. of Pages : 31 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POWER GENERATION APPARATUS INCLUDING A FLOATING BODY SHIP PROPELLING APPARATUS AND FOLDABLE AND WINDABLE WING INCLUDED IN THE POWER GENERATION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)LEE Seong Woo Address of Applicant :101 301 Hansin Hyu Plus 200 Yoseon dong Chuncheon si Gangwon do 200 030 Republic of Korea (72)Name of Inventor : 1)LEE Seong Woo
No Filing Date (87) International Publication	:PCT/KR2012/006623 :21/08/2012 :WO 2013/032161	TILLE Scong Woo
No (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 a power generation apparatus of various types and including a floating body, to a ship propelling apparatus, and to a wing part which is provided in the power generation apparatus and including a wing frame having a multi-stage lattice net structure, and which has a foldable and windable wing. The power generation apparatus consists essentially of. a submerged floating body having a floating space therein, and having a closed side and an open side; a rotation body rotatably coupled to the inside of the submerged floating body and provided with a first wing part on the other side; and a power generation means arranged between the submerged floating body and the rotation body to generate power.

No. of Pages : 54 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEMS AND METHODS TO INCREASE RIGIDITY AND SNAG RESISTANCE OF CATHETER TIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/08/2012 :WO 2013/032647 :NA :NA	 (71)Name of Applicant : 1)BECTON DICKINSON AND COMPANY Address of Applicant :1 Becton Drive Mail Code 110 Franklin Lakes New Jersey 07417 1880 U.S.A. (72)Name of Inventor : 1)SHEVGOOR Siddarth K.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A venous catheter having (114 214) a catheter tip comprising recessed (248) diffusion holes (230) for increasing the snag resistance of the venous catheter. The invention further provides systems and methods for providing axial ridges (266) interposed between diffusion holes for increasing the rigidity of the vented catheter tip.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FOAM OXIDATIVE HAIR COLORANT COMPOSITION WITH THE FREE BASE OF 1 4 DIAMINO 2 METHOXMETHYL BENZENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/541378 :30/09/2011 :U.S.A. :PCT/US2012/057926 :28/09/2012	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)VOHRA Firoj 2)GALAZKA Sebastian Karol 3)DONNER Christopher Gerald 4)KERR George Scott
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(57) Abstract :

An oxidative hair colorant composition to be dispensed from a manually actuable non aerosol dispenser as a foam. The oxidative hair colorant composition contains the free base of 1 4 diamino 2 methoxymethyl benzene to achieve for efficient dye precursor levels in formulation and to achieve a desire rheology profile of the oxidative hair colorant composition.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING AN AROMATASE INHIBITOR

(51) International classification	:A61K9/48,A61K31/4196,A61P5/26	(71)Name of Applicant : 1)NOVARTIS AG
(31) Priority Document No	:61/532459	Address of Applicant :Lichtstrasse 35 CH 4056 Basel
(32) Priority Date	:08/09/2011	Switzerland
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2012/053846	1)TAYLOR Ann
Application No	:06/09/2012	2)KLICKSTEIN Lloyd B.
Filing Date		3)THAKUR Jeewan
(87) International Publication No	¹ :WO 2013/036563	
(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 low dose pharmaceutical compositions comprising the aromatase inhibitor 4.4 [fluoro (1 H 1 2 4 triazol 1 yl)methylene]bisbenzonitrile as the active ingredient in a suitable carrier. The present invention also relates to a process for their preparation and to their use as medicaments.

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LIQUID DETERGENT COMPOSITION		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D17/08,C11D1/04,C11D1/22 :2011201995 :15/09/2011 :Japan :PCT/JP2012/062446 :16/05/2012 :WO 2013/038750 :NA :NA :NA	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)YANO Seiji 2)KUBOTA Yuichi 3)MURATA Daiya

(57) Abstract :

The present invention is a liquid detergent composition which contains (a) 5 40% by mass of one or more kinds of anionic surfactant that are selected from the group consisting of polyoxyalkylene alkyl ether sulfuric acid ester salts and alkylbenzene sulfonic acid salts (b) a fatty acid and/or a salt thereof (c) an alkanol amine (d) a carbonate (e) a nonionic surfactant and water. The liquid detergent composition has a mass ratio of the polyoxyalkylene alkyl ether sulfuric acid ester salt(s) to the alkylbenzene sulfonic acid salt(s) of from 70/30 to 100/0 a mass ratio of the polyoxyalkylene alkyl ether sulfuric acid ester salt(s) to the component (b) of from 3/1 to 20/1 a mass ratio of the polyoxyalkylene alkyl ether sulfuric acid ester salt(s) to the component (e) of from 60/40 to 100/0 and a pH of 9 11 (at 25°C).

No. of Pages : 67 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POWDER DETERGENT COMPOSITION FOR CLOTHING

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	h :C11D17/06,C11D1/14,C11D1/22 :2011209441 :26/09/2011 :Japan :PCT/JP2012/072398 :04/09/2012 :WO 2013/047102 :NA :NA :NA	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)UENO Wataru 2)ISHIZUKA Hitoshi 3)YOSHIOKA Sachiko 4)OKADA Kyoko
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(57) Abstract :

The present invention is a powder detergent composition for clothing which contains under specific conditions: (A) a surfactant that contains (A 1) a linear alkylbenzene sulfonate salt and (A 2) an alkyl sulfate salt; (B) a compound that is selected from among carbonate salts and amorphous silicate salts; (C) a compound that is selected from among sulfate salts and metal chlorides; and (D) (D 1) an inorganic compound that is selected from among aluminosilicate salts crystalline silicate salts and phosphate salts and (D 2) an organic polyvalent metal ion scavenger builder that is selected from among carboxylic acid based polymer compounds.

No. of Pages : 54 No. of Claims : 15

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLY(TRIMETHYLENE ARYLATE) FIBERS PROCESS FOR PREPARING AND FABRIC PREPARED THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:D02G3/02,C08G63/676 :NA :NA :NA :PCT/US2011/052797 :22/09/2011 :WO 2013/043180 :NA	 (71)Name of Applicant : 1)E. I. du Pont de Nemours and Company Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor : 1)BATES W. Douglas
Filing Date	:NA	

(57) Abstract :

A fine denier poly(trimethylene arylate) spun drawn fiber is characterized by high denier uniformity. A process for preparing uniform fine denier yarns at spinning speeds of 4000 to 6000 m/min is further disclosed. The poly(trimethylene arylate) fiber hereof comprises 0.1 to 3% by weight of polystyrene dispersed therewithin. Fabrics prepared therefrom are also disclosed.

No. of Pages : 42 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FUSION PROTEINS FOR TREATING METABOLIC DISORDERS

(57) Abstract :

The invention relates to the identification of fusion proteins comprising polypeptide and protein variants of fibroblast growth factor 21 (FGF21) with improved pharmaceutical properties. Also disclosed are methods for treating FGF21 associated disorders including metabolic conditions.

No. of Pages : 83 No. of Claims : 2

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLAME RETARDANT COMPOSITION AND TEXTILE MATERIAL COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)MILLIKEN & COMPANY Address of Applicant :920 Milliken Road M 495 Spartanburg South Carolina 29303 U.S.A. (72)Name of Inventor : 1)MAYERNIK Richard A. 2)LI Shulong
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2013/062683 :NA :NA	3)KIMBRELL William C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A flame retardant composition comprises a phosphorous containing polymer. The phosphorous containing polymer can be produced by first reacting a phosphonium compound and a nitrogen containing compound to produce a precondensate compound and then reacting the precondensate compound with a cross linking composition. The resulting phosphorous containing intermediate polymer can then be oxidized to convert at least a portion of the phosphorous atoms in the polymer to a pentavalent state. A textile material comprises a textile substrate and a phosphorous containing polymer such as that described above.

No. of Pages : 54 No. of Claims : 32

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITION FOR DISHWASHING LIQUID FOR CLEANING HANDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:14/09/2012 :WO 2013/054635 :NA :NA	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)KONISHI Yoshihiro 2)WATANABE Yoshiyuki 3)SUZUKI Keigo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is a composition for a dishwashing liquid for cleaning hands containing: (a) a specified sulfosuccinate di or monoalkyl ester or salt of the same; (b) a hydrocarbon base with a carbon number from 8 to 21 and 5 to 35 mass percent of an anion surfactant having a sulfate base or a sulfonate base (excluding (a)): and (c) a sulfobetaine type surfactant.

No. of Pages : 55 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LAYER ASSEMBLY FOR HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/GB2012/052275 :14/09/2012	 (71)Name of Applicant : 1)BAE SYSTEMS PLC Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K. (72)Name of Inventor : 1)CHANDLER Nicholas 2)HARPER Richard John
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ¹ :NA :NA	

(57) Abstract :

There is disclosed herein a layer assembly for a heat exchanger the layer assembly comprising: at least one heat pump module the module comprising a therm electric cooler (TEC) attached to an island formed from a flow permissive material; a flow permissive layer provided with an island reciprocating recess for substantially corresponding to and accommodating the island; a thermal storage layer comprising a heat transfer matrix material charged with a phase change material and provided with a TEC reciprocating recess for substantially corresponding to the thermal storage layer at a surface of the TEC reciprocating recess and the flow permissive layer and the thermal storage layer are arranged such that the island of flow permissive material extends into the island reciprocating recess and a separation exists between the island and the flow permissive layer.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR RECOVERING NOBLE PRODUCTS IN A PROCESS FOR PRODUCING DIALKYLAMINOALKYL (METH)ACRYLATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:27/09/2011 :France :PCT/FR2012/052025 :11/09/2012 :WO 2013/045786 :NA	 (71)Name of Applicant : 1)ARKEMA FRANCE Address of Applicant :420 Rue dEstienne dOrves F 92700 Colombes France (72)Name of Inventor : 1)PAUL Jean Michel 2)LEVRAY Andr
(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 the manufacture of dialkylaminoalkyl (meth)lacerate in particular N N dimethylaminoethyl lacerate by transmogrification reaction of an alkyd (meth)lacerate with an amino alcohol and the subject matter thereof is more particularly a process for recovering the heavy by products generated during this manufacture enabling the recycling of noble products on the dialkylaminoalkyl (meth)lacerate purification unit.

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

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(51) International classification :C08L35/02 (71)Name of Applicant : (31) Priority Document No **1)SYNTHES GMBH** :61/542522 (32) Priority Date Address of Applicant : Eimattstrasse 3 CH 4436 Oberdorf :03/10/2011 (33) Name of priority country :U.S.A. Switzerland (86) International Application No 2) TECHNISCHE UNIVERSITAT WIEN :PCT/US2012/057295 Filing Date (72)Name of Inventor : :26/09/2012 (87) International Publication No :WO 2013/052328 1)LISKA Robert (61) Patent of Addition to Application 2)QIN Xiaohua :NA Number **3)MAUTNER Andreas** :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(54) Title of the invention : THIOL ENE POLYMERIZATION WITH VINYLESTERS AND VINYLCARBONATE

(57) Abstract :

The present disclosure is directed in part to a curable composition a method for augmenting a structure in a patient with a resorbable biocompatible polymer and a biodegradable resorbable implant comprising a biocompatible copolymer. An exemplary embodiment of the curable composition comprises (a) 60 wt.% to 95 wt.% of one or more vinyl ester monomers and/or vinylcarbonate monomers wherein said one or more vinyl ester monomers and/or vinylcarbonate monomers are respectively selected from compounds of the general formulas (I) and (II) below: wherein n m R and R have the meaning defined herein; (b) 0.1 to 40 wt.% of one or more multifunctional thiols; and (c) 0 to 10 wt.% of a biocompatible polymerization initiator.

No. of Pages : 58 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NETWORK AWARE COORDINATION OF VIRTUAL MACHINE MIGRATIONS IN ENTERPRISE DATA CENTERS AND CLOUDS

(51) International classification	:G06F9/46,G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:61/540574	1)NEC LABORATORIES AMERICA INC.
(32) Priority Date	:29/09/2011	Address of Applicant :4 Independence Way Suite 200
(33) Name of priority country	:U.S.A.	Princeton New Jersey 08540 U.S.A.
(86) International Application No	:PCT/US2012/044768	(72)Name of Inventor :
Filing Date	:29/06/2012	1)CHEN Haifeng
(87) International Publication No	:WO 2013/048605	2)JIANG Guofei
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods are disclosed to schedule virtual machine (VM) migrations by analyzing VM migration behavior; building a simulation tool to predict time for multiple migrations under different links conditions and VM characteristics; determing a predetermined bandwidth sharing policy for each network link; applying a bin packing technique to organize bandwidth resources from all network links and allocating the links to different migration tasks.

No. of Pages : 33 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G06K9/34,G06K9/70	(71)Name of Applicant :
(31) Priority Document No	:2011134204	1)SHMUNK Dmitry Valerievich
(32) Priority Date	:15/08/2011	Address of Applicant :Russkaya Street 11/1 17 Novosibirsk
(33) Name of priority country	:Russia	630058 Russia
(86) International Application No	:PCT/RU2012/000478	(72)Name of Inventor :
Filing Date	:19/06/2012	1)SHMUNK Dmitry Valerievich
(87) International Publication No	:WO 2013/025123	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD OF IMAGE SEGMENTATION

(57) Abstract :

The invention relates to the processing of photo and video images. A search for a minimum of cost functions is carried out at an N number of image detail levels from coarser to finer and at each image detail level the image is divided into regions; each region is assigned a single segmentation value by means of an number of successive iterations thereafter the value of the cost function for the seams at the region boundaries is calculated with different types of image segmentation and for every region a segmentation value is chosen which minimizes the sum of the cost functions of the seams and data. Moreover to avoid a pause (freeze) in the search for the global minimum in one of the local minimums created by the high cost of a seam around any local region as a result of noise in the image several reference iterations at every detail level are executed with a reduced input of seam functions in the sum of the cost function of an image with little use of the memory resources of a mobile device while maintaining both resistance to image noise and operating speed.

No. of Pages : 18 No. of Claims : 3

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : ROLLER BEARING	

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16C33/62,F03D1/06,F03D11/00 :2011181713 :23/08/2011 :Japan :PCT/JP2012/070347 :09/08/2012	 (71)Name of Applicant : 1)NTN CORPORATION Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor : 1)SUZUKI Katsuhiro 2)SHIMAZU Eiichirou
(87) International Publication No	:WO 2013/027597	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a roller bearing for which the size can be increased and which has excellent corrosion resistance and for which decreased precision of attachment decreased holding force and the generation of oscillation can be prevented at the bearing securing part and which can be used for a long time in a highly corrosive environment. This roller bearing (1) is equipped with an inner ring (2) an outer ring (3) and rolling elements (4) as bearing members and a coating having a sacrificial anode effect with respect to the base material of the bearing members is formed on at least the regions including the bearing securing surfaces (c d) of the regions of the bearing members which are exposed to a corrosive environment with the coating formed on the bearing securing surfaces (c d) being a porous coating. In particular the base material of the bearing members comprises an iron based material and the coating is a sprayed coating that is formed using a material that includes any of the elements zinc aluminum or magnesium as the spray material.

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

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITION AND METHOD OF PHYTONUTRIENTS FOR METABOLIC PROGRAMMING EFFECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/273652 :14/10/2011 :U.S.A.	 (71)Name of Applicant : 1)MJN U.S. HOLDINGS LLC Address of Applicant :2701 Patriot Boulevard 4th Floor Glenview IL 60026 U.S.A. (72)Name of Inventor : 1)JOUNI Zeina 2)HANLEY Bryan 3)CASSIDY Aedin
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(57) Abstract :

The present disclosure relates methods of promoting phase II enzyme gene expression in a pediatric subject comprising administering to the subject a nutritional composition comprising an effective amount of a phytonutrient. The disclosure also relates to methods of promoting phase II enzyme gene expression in a prenatal infant comprising administering to a female pregnant with the prenatal infant an effective amount of a composition comprising phytonutrients. The disclosure further relates to a method of promoting phase II enzyme gene expression in a prenatal infant comprising administering to a female pregnant with the prenatal infant enzyme gene expression in a prenatal infant comprising administering to a female pregnant with the prenatal infant an effective amount of a composition comprising phytonutrients.

No. of Pages : 47 No. of Claims : 49

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : INHIBITORS	OF JNK	
 (54) Title of the invention : INHIBITORS (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D 403/04 :61/232,522 :10/08/2009 :U.S.A.	 (71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :GRENZACHERSTRASSE 124, CH- 4070 BASEL, SWITZERLAND. (72)Name of Inventor : 1)GONG, LEYI 2)HAN, XIAOCHUN 3)MAKRA, FERENC 4)PALMER, WYLIE SOLANG 5)RAPTOVA, LUBICA
Filing Date	:NA	

(57) Abstract :

The invention relates to JNK inhibitors and corresponding methods, formulations, and compositions for inhibiting JNK and treating JNK-mediated disorders. The application discloses JNK inhibitors, as described below in Formula I: wherein p, q, Y', r, R1, R2, X, X1, X2, X3, and X4 are as defined herein. The compounds and compositions disclosed herein are useful to modulate the activity of JNK and treat diseases associated with JNK activity. Disclosed are methods and formulations for inhibiting JNK and treating JNK-mediated disorders, and the like, with the compounds, and processes for making said compounds, and corresponding compositions, disclosed herein.

No. of Pages : 86 No. of Claims : 31

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : WATER PURIFYING APPARATUS		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C02F 1/14 :NA :NA :NA	 (71)Name of Applicant : 1)CIP SOFTWARE CO. LTD. Address of Applicant :2-7-1, YURAKUCHO, CHIYODA-KU, TOKYO 1000006 JAPAN. (72)Name of Inventor : 1)YABE TAKASHI

(57) Abstract :

Provided is a water purifying apparatus capable of efficiently producing purified water from raw water. The water purifying apparatus comprises: a casing (11) having a circulation path; a splitter device (15) disposed within the casing (11) and adapted to split raw water into droplets and create a carrier airflow (Al) capable of circulating along the circulation path and carrying water vapor evaporated from the droplets (D1); and a condenser (19) disposed within the casing (11) at a position downstream of the splitter device (15) in a direction of the carrier airflow and adapted to condense the water vapor to create purified water. The splitter device (15) comprises a rotary shaft (15a) extending in an up-down direction of the casing (11), and a blade (152A to 152Q) radially attached to the rotary shaft (15a) and having irregularities (152p, 152q, 152r, 152s, 152t).

No. of Pages : 49 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PYRAZINYLPYRIDINES USEFUL FOR THE TREATMENT OF PROLIFERATIVE DISEASES

(51) International classification	:C07D 405/14	(71)Name of Applicant :
(31) Priority Document No	:61/275,938	1)NOVARTIS AG
(32) Priority Date	:04/09/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056
(33) Name of priority country	:U.S.A.	BASEL, SWITZERLAND.
(86) International Application No	:PCT/EP2010/062881	(72)Name of Inventor :
Filing Date	:02/09/2010	1)BARSANTI PAUL A.
(87) International Publication No	:WO 2011/026904	2)HU CHENG
(61) Patent of Addition to Application	:NA	3) PFISTER KEITH B.
Number		4)SENDZIK MARTIN
Filing Date	:NA	5)SUTTON JAMES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a compound of Formula (I) and pharmaceutically acceptable salts thereof. Also provided is a method of using a compound of Formula I for treating a disease or condition mediated by a CDK inhibitor.

No. of Pages : 186 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : DISPLAY SYSTEM AND BACKLIGHT SYSTEM :H03F (71)Name of Applicant : (51) International classification 1)SONY CORPORATION :P2011-(31) Priority Document No Address of Applicant :1-7-1 KONAN, MINATO-KU, 013655 :26/01/2011 TOKYO, JAPAN (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)KATSURO MATSUZAKI Filing Date :NA 2)KENSUKE MOTOMURA (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 display system includes: a liquid crystal display section displaying an image; a backlight source emitting source light; a photosensor section detecting a spectrum distribution of external light supplied from outside; and an external-light adjustment section adjusting the external light based on a detection result of the photosensor section. The backlight source supplies the emitted source light to the liquid crystal display section, and the external-light adjustment section supplies the adjusted external light to the liquid crystal display section.

No. of Pages : 52 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BRAZING PRE FLUX COATING WITH IMPROVED CORROSION PERFORMANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/NO2012/000051 :06/09/2012 :WO 2013/043054 :NA :NA	 (71)Name of Applicant : 1)NORSK HYDRO ASA Address of Applicant :P.O. Box 980 Sk, yen N 0240 Oslo Norway (72)Name of Inventor : 1)STEINER Dagmar 2)NORDLIEN Jan Halvor 3)INSALACO Jeffrey. L.
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(57) Abstract :

Pre flux coating for the manufacturing of components by brazing in particular manufacturing of heat exchangers of aluminium components including one or more fluxes and filler material. The coating is composed of one ore more fluxes in the form of potassium aluminum fluoride K1 3AIF4.6 potassium trifluoro zincate KZnF3 lithium aluminum fluoride Li3AIF6 filler material in the form of metallic Si particles Al Si particles and/or potassium fluoro silicate K2S1F6 and additive in the form of alumminium oxide and/or other suitable oxide or material forming a post braze ceramic layer and further including solvent and binder containing at least 10% by weight of a synthetic resin which is based as its main constituent on methacrylate homopolymer or methacrylate copolymer.

No. of Pages : 12 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING AN INJECTION VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D41/20,F02D41/24 :10 2011 086 957.3 :23/11/2011 :Germany :PCT/EP2012/072368 :12/11/2012 :WO 2013/075962 :NA :NA :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)SZONN Christian 2)TUERKER Oezguer
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(57) Abstract :

An actuating signal for actuating a solenoid valve in particular of a fuel injection valve of an internal combustion engine has an attraction phase and a holding phase. The attraction phase has a comparatively high current and a maximum permissible duration and the holding phase has a comparatively low current and a minimum permissible duration (MHD). It is proposed that the minimum permissible duration (MHD) of the holding phase depends at least temporarily on a setpoint overall duration (GAD) of the actuating signal.

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G08G1/01 :102011083375.7 :26/09/2011 :Germany :PCT/EP2012/065348 :06/08/2012 :WO 2013/045150 :NA :NA :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)SKUPIN Christian
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(54) Title of the invention : METHOD FOR TRANSMITTING ROUTE DATA FOR TRAFFIC TELEMATICS

(57) Abstract :

The invention relates to a method for making available traffic telematics information relating to the route (10) of a vehicle (1) which is moving on a road system (11) with multiple roads (12 to 21) wherein the roads (12 to 21) are connected to one another between road junctions (22 to 25) and wherein the method comprises at least the steps of determining a probability of the vehicle (1) approaching a respective road junction (22 to 25) and assigning said probability to the road junction (22 to 25) and of transmitting the road junctions (22 to 25) for which there is an increased probability of them being travelled along. Furthermore the invention relates to a traffic telematics unit (2) for making available traffic telematics information relating to the route (10) of a vehicle (1) in order to carry out the method.

No. of Pages : 12 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : ADDITIVES TO LITHO INKS TO ELIMINATE INK FEEDBACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:U.S.A. :PCT/US2012/056415 :20/09/2012 :WO 2013/043921 :NA	 (71)Name of Applicant : 1)SUN CHEMICAL CORPORATION Address of Applicant :35 Waterview Boulevard Parsippany NJ 07054 U.S.A. (72)Name of Inventor : 1)KRISHNAN Ramasamy 2)JONES Jeff 3)HELLIBLAU Matthias
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are web offset lithographic ink compositions that contain an alkyl thioether surfactant an alkoxylated modified rosin or a combination thereof. The ink compositions can be oil based inks or water based inks that can be radiation curable. The resulting ink compositions can be used in web offset lithographic printing to substantially reduce or eliminate the ink feedback and ink build up that occurs during printing. Also provided are methods for reducing or eliminating ink feedback and build up during lithographic printing processes.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TABLET INCLUDING 7 [4 (4 BENZO[B]THIOPHEN 4 YL PIPERAZIN 1 YL) BUTOXY] 1H QUINOLIN 2 ONE OR SALT THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/JP2012/076415	 (71)Name of Applicant : 1)OTSUKA PHARMACEUTICAL CO. LTD. Address of Applicant :9 Kanda Tsukasamachi 2 chome Chiyoda ku Tokyo 1018535 Japan (72)Name of Inventor : 1)INOUE Yoshiharu
Filing Date	:12/10/2012	
(87) International Publication No	:WO 2013/054872	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	':NA :NA	

(57) Abstract :

Provided is a tablet containing the active ingredient of 7 [4 (4 benzo[b]thiophen 4 yl piperazin 1 yl) butoxy] 1H quinolin 2 one or a salt thereof the tablet having excellent disintegration favorable storage stability and high light stability; in particular provided is a tablet obtained by coating with a coating layer containing hypromellose talc titanium oxide and a colorant or the like a plain tablet which contains 7 [4 (4 benzo[b]thiophen 4 yl piperazin 1 yl) butoxy] 1H quinolin 2 one or a salt thereof as an active ingredient and also contains: lactose corn starch crystalline cellulose or another excipient; low substituted hydroxypropyl cellulose croscarmellose sodium sodium carboxymethyl starch or another disintegrating agent; hydroxypropyl cellulose or another binder; and stearic acid salt or another lubricant.

No. of Pages : 38 No. of Claims : 11

(21) Application No.2140/DELNP/2014 A

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 15/05/2015

(51) International classification :A61K8/73,A61K8/81,A61Q5/00 (71)Name of Applicant : (31) Priority Document No **1)THE PROCTER & GAMBLE COMPANY** :61/544750 (32) Priority Date :07/10/2011 Address of Applicant : One Procter & Gamble Plaza Cincinnati (33) Name of priority country :U.S.A. OH 45202 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/058990 **1)JOHNSON Eric Scott** No :05/10/2012 Filing Date 2)STAUDIGEL James Anthony (87) International Publication No:WO 2013/052820 **3)RENOCK Sean Michael** (61) Patent of Addition to **4)SCHUBERT Beth Ann** :NA Application Number 5)HAMERSKY Mark William :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(54) Title of the invention : METHOD OF ACHIEVING IMPROVED HAIR FEEL

(57) Abstract :

(19) INDIA

A method of achieving improved hair feel. The method comprises applying to hair a composition comprising: (a) a specific cationic guar polymer; (b) a specific cationic copolymer; (c) an anti dandruff active; (d) a cosmetically acceptable carrier; (e) a surfactant; wherein the weight ratio of (a):(b) is from about 1000:1 to about 3.5:1; and wherein the sum of (a)+(b) is an amount of from about 0.0001% to about 0.7% by total weight of the composition. The composition forms coacervate particles upon dilution of the composition with water and the coacervate particles have a squeeze flow viscosity of from about 1 cP to about 100 cP. The percentage of coacervate particles with a floc size of greater than about 20 micron is from about 1% to about 60% and the on scalp deposition of the anti dandruff active is at least about 1 microgram/cm2.

No. of Pages : 47 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : GATE VALVE SEAT		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16K 3/02 :61/274,009 :12/08/2009 :U.S.A. :PCT/US2010/045353 :12/08/2010 :WO 2011/019937 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GE OIL & GAS PRESSURE CONTROL LP Address of Applicant :3250 BRIARPARK DRIVE, SUITE 100, HOUSTON, TEXAS 77042 U.S.A. U.S.A. (72)Name of Inventor : 1)PARKS JR. GLENN C.

(57) Abstract :

A gate valve seat for a gate valve includes a seat having a stepped outer wall surface with a spring, spacer ring, front facing lip seal, and a rear facing lip seal disposed about the stepped outer surface of the seat. The spring may be releasably locked into a compressed configuration for installation of the gate of the gate valve.

No. of Pages : 30 No. of Claims : 14

(21) Application No.1271/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(51) International classification	:E21B 33/03	(71)Name of Applicant :
(31) Priority Document No	:61/233,382	1)GE OIL & GAS PRESSURE CONTROL LP
(32) Priority Date	:12/08/2009	Address of Applicant :3250 BRIARPARK DRIVE, SUITE
(33) Name of priority country	:U.S.A.	100, HOUSTON, TEXAS 77042 U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/045344	(72)Name of Inventor :
Filing Date	:12/08/2010	1)NGUYEN KHANG VAN
(87) International Publication No	:WO 2011/019930	2)TRUMBULL MARTIN ANTHONY
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DUAL BARRIER PLUG SYSTEM FOR A WELLHEAD

(57) Abstract :

A dual barrier plug system includes a frac spool, having a dual barrier plug disposed within the interior of the frac spool; a valve selector member disposed within the interior of the dual barrier plug; and the plurality of seals are used to seal fluid flow from below the frac spool, and the seals provide two barriers to each fluid flow.

No. of Pages : 18 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NOVEL SOURDOUGH COMPOSITIONS AND METHODS FOR THEIR PREPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/08/2012 p :WO 2013/024056 :NA :NA :NA	 (71)Name of Applicant : 1)PURATOS NV Address of Applicant :Industrialaan 25 B 1702 Groot Bijgaarden Belgium (72)Name of Inventor : 1)DE PAUW Paul
	:NA :NA	

(57) Abstract :

The present invention provides new flavors based on the fermentation of specific combinations of plants or plants extracts with specific combinations of microbial strains. More specifically sourdough products are provided with tea leaves or fractions thereof and fermented with the combination of strains of acetic acid bacteria and yeast in order to provide the new flavors.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WATER COOLED WIND POWER GENERATION DEVICE AND GENERATOR COOLING METHOD FOR WIND POWER GENERATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F03D11/00,F03D9/00 :2011191792 :02/09/2011 :Japan :PCT/JP2012/072243 :31/08/2012 :WO 2013/031982 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)TANIYAMA Yoshihiro 2)KABATA Yasuo 3)ARATA Masanori 4)UEDA Takashi
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(57) Abstract :

Provided is a wind power generation device that is equipped with: a rotor (6) which has a blade for converting wind power energy into rotational movement; and a generator (7) for converting the rotational movement energy of the rotor into electrical power. The wind power generation device is further equipped with: a water cooling pipe (27) which is arranged between a downside stator coil (25a) and an upside stator coil (25b) that make up a stator coil (25) attached in a slot groove in a stator (23) of the generator; and a cooler (8) for cooling which passes cooling water within the water cooling pipe to remove heat that is generated in the stator coil.

No. of Pages : 55 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CALCIUM SULFOALUMINATE CEMENT WITH TERNESITE

(51) International classification	n:C04B7/32,C04B7/345,C04B28/06	(71)Name of Applicant :
(31) Priority Document No	:11006757.6	1)HEIDELBERGCEMENT AG
(32) Priority Date	:18/08/2011	Address of Applicant :Berliner Str. 6 69120 Heidelberg
(33) Name of priority country	:EPO	Germany
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/EP2012/002975 :16/07/2012 :WO 2013/023728 :NA :NA	 (72)Name of Inventor : 1)BULLERJAHN Frank 2)SCHMITT Dirk 3)BEN HAHA Mohsen 4)BATOG Barbara 5)ZAJAC Maciej
Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a ternesite calcium sulfoaluminate clinker and to a ternsite clinker having 20 to 100 wt. % CS\$ and less than 15 wt. % CA\$ and to the use of ternesite as an additive in calcium sulfoaluminate (ferrite)(belite) clinker (CSA(F)(B)) calcium sulfoaluminate (ferrite)(belite) cement and to binding agents containing 10 to 90 wt. % CSA(F)(B) and 90 10 wt. % ternesite.

No. of Pages : 61 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPROVED METHOD FOR PRODUCING FINELY DIVIDED HAEMATITE AND FOR PRODUCING IRON OXIDE RED PIGMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01G49/06 :11183605.2 :30/09/2011 :EPO :PCT/EP2012/069181 :28/09/2012 :WO 2013/045608 :NA :NA :NA	 (71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH Address of Applicant :Kennedyplatz 1 50569 Kln Germany (72)Name of Inventor : 1)KETTELER Guido 2)HOLTMANN Udo 3)KISCHKEWITZ Juergen
Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an improved method for producing finely divided haematite and iron oxide red pigments composed of the finely divided haematite and to the use of the finely divided haematite and iron oxide red pigments produced according to said method.

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

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESSES AND INTERMEDIATES FOR MAKING A JAK INHIBITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2012/053921 :06/09/2012 :WO 2013/036611 :NA :NA	 (71)Name of Applicant : 1)INCYTE CORPORATION Address of Applicant :Experimental Station Route 141 & Henry Clay Road Building E336/207 Wilmington Delaware 19880 U.S.A. (72)Name of Inventor : 1)ZHOU Jiacheng 2)LIU Pingli 3)CAO Ganfeng 4)WU Yongzhong
Filing Date	:NA	

(57) Abstract :

This invention relates to processes and intermediates for making {1 {1 [3 fluoro 2 (trifluoromethyl)isonicotinoyl]piperidin 4 yl} 3 [4 (7H pyrrolo[2 3 d]pyrimidin 4 yl) 1H pyrazol 1 yl]azetidin 3 yl}acetonitrile useful in the treatment of diseases related to the activity of Janus kinases (JAK) including inflammatory disorders autoimmune disorders cancer and other diseases.

No. of Pages : 55 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRON MICROSCOPIC EXAMINATION METHOD FOR EXAMINING BIOSAMPLE WHILE KEEPING SAID BIOSAMPLE UNCHANGED AND COMPOSITION FOR EVAPORATION INHIBITION UNDER VACUUM SCANNING ELECTRON MICROSCOPE AND TRANSMISSION ELECTRON MICROSCOPE FOR USE IN SAID METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	¹ :PCT/JP2012/072982 :07/09/2012 ¹ :WO 2013/035866 :NA :NA	 (71)Name of Applicant : 1)JAPAN SCIENCE AND TECHNOLOGY AGENCY Address of Applicant :1 8 Hon cho 4 chome Kawaguchi shi Saitama 3320012 Japan (72)Name of Inventor : 1)HARIYAMA Takahiko 2)TAKAKU Yasuharu 3)SUZUKI Hiroshi 4)MURANAKA Yoshinori 5)OHTA Isao 6)SHIMOMURA Masatsugu 7)ISHII Daisuke
Number Filing Date	:NA :NA	

(57) Abstract :

A method for electron microscopic examination is provided with which it is possible to examine a biosample with an electron microscope while keeping the biosample alive and to observe the biosample being moving. Also provided are a composition for evaporation inhibition under vacuum a scanning electron microscope and a transmission electron microscope which are for use in the method. This method for sample examination by electron microscopy is characterized by comprising: a step in which a composition for evaporation inhibition that comprises at least one ingredient selected from amphipathic compounds oils and fats and ionic liquids is applied to the surface of a sample to form a thin film and thus cover the sample with the thin film; and a step in which an electron microscopic image of the thin film covered sample that has been placed in a vacuum sample chamber is displayed in a display device.

No. of Pages : 90 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.1849/DELNP/2014 A

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLANTS HAVING ENHANCED NITROGEN EFFICIENCY

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/CA2012/050622 :07/09/2012 :WO 2013/033846 :NA :NA	 (71)Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :Alfred Nobelstrasse 50 DE 40789 Monheim am Rhein Germany Monheim am Rhein Germany (72)Name of Inventor : 1)GOOD Allen 2)LOCK Yee Ying 3)BEATTY Perrin H.
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(57) Abstract :

A transgenic plant comprising a polynucleotide encoding a nitrogen utilization protein operably linked to a PBpr1 promoter is provided. The transgenic plant exhibits increased nitrogen use efficiency increased biomass and/or increased seed yield. Seeds from such transgenic plants genetic constructs to prepare such plants methods of generating and growing transgenic plants are also provided.

No. of Pages : 75 No. of Claims : 38

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : N [5 (AMINOSULFONYL) 4 METHYL 1 3 THIAZOL 2 YL] N METHYL 2 [4 (2 PYRIDINYL)PHENYL]ACETAMIDE MESYLATE MONOHYDRATE HAVING A SPECIFIC PARTICLE SIZE DISTRIBUTION RANGE AND A SPECIFIC SURFACE AREA RANGE FOR USE IN PHARMACEUTICAL FORMULATIONS.

(51) International classification	:C07D417/12,A61K31/4402,A61P31/00	I)AICURIS GMBH & CO. KG
(31) Priority Document No	:11007803.7	Address of Applicant :Friedrich Ebert Strae 475 42117 Wuppertal Germany
(32) Priority Date	:26/09/2011	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)SCHWAB Wilfried 2)BIRKMANN Alexander
(86) International Application No Filing Date	:PCT/EP2012/068958 :26/09/2012	3)PAULUS Kerstin 4)V–GTLI Kurt 5)HAAG Dieter
(87) International Publication No	:WO 2013/045491	6)MAAS Stephan 7)RUEPP Kristian
(61) Patent of Addition to Application Number Filing Date	^O :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the crystalline mesylate monohydrate salt of N [5 (aminosulfonyl) 4 methyl 1 3 thiazol 2 yl] N methyl 2 [4 (2 pyridinyl)phenyl]acet amide in a definite particle size distribution and a specific surface area range which has demonstrated increased long term stability and release kinetics from pharmaceutical compositions as well as to pharmaceutical compositions containing said N [5 (aminosulfonyl) 4 methyl 1 3 thiazol 2 yl] N methyl 2 [4 (2 pyridinyl)phenyl]acetamide mesylate monohydrate having the afore mentioned particle size distribution and specific surface area range.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : N [5 (AMINOSULFONYL) 4 METHYL 1 3 THIAZOL 2 YL] N METHYL 2 [4 (2 PYRIDINYL)PHENYL]ACETAMIDE MESYLATE MONOHYDRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D417/12,A61K31/4402,A61P31/00 :11007823.5 :26/09/2011 :EPO :PCT/EP2012/068938 :26/09/2012 :WO 2013/045479 P :NA :NA :NA	 (71)Name of Applicant : AltCURIS GMBH & CO. KG Address of Applicant :Friedrich Ebert Strae 475 42117 Wuppertal Germany (72)Name of Inventor : SCHWAB Wilfried BIRKMANN Alexander V-GTLI Kurt HAAG Dieter LENDER Andreas GRUNENBERG Alfons 7)KEIL Birgit 8)REHSE Joachim
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(57) Abstract :

The present invention relates to an improved and shortened synthesis of N [5 (aminosulfonyl) 4 methyl 1 3 thiazol 2 yl] N methyl 2 [4 (2 pyridinyl)phenyl]acet amide and the mesylate monohydrate salt thereof by using boronic acid derivatives or borolane reagents while avoiding toxic organic tin compounds and to the mesylate monohydrate salt of N [5 (aminosulfonyl) 4 methyl 1 3 thiazol 2 yl] N methyl 2 [4 (2 pyridinyl)phenyl]acet amide which has demonstrated increased long term stability and release kinetics from pharmaceutical compositions.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR MEASURING SPATIAL POINTS

(57) Abstract :

The invention relates to a method for measuring spatial points by means of a laser scanner (1) having the steps: scanning multiple spatial points on an object (2 2); determining coordinates (r f) of the respective spatial point wherein the laser scanner (1) forms the origin of the coordinates and the coordinates comprise a distance (r) and at least one angle (f); determining a close range (N) about a central spatial point (S) with at least two spatial points whose angle coordinates (f) are in a defined angular space adjacent to those of the central spatial point (S); aggregating coordinates (r f) of the spatial points in the specific close range (N); and replacing coordinates (r f) of the central spatial point (S) by aggregating coordinates (r f) of the spatial points in the specific close range (N). The invention also relates to the use of a laser scanner (1) for carrying out the method a system having a laser scanner (1) which is suitable for carrying out the method and a computer program product for carrying out the method.

No. of Pages : 43 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(51) International classification :G01V1/00 (71)Name of Applicant : (31) Priority Document No 1)HALLIBURTON ENERGY SERVICES INC. :NA (32) Priority Date Address of Applicant :10200 Bellaire Boulevard Houston TX :NA (33) Name of priority country 77072 U.S.A. :NA (86) International Application No :PCT/US2011/055020 (72)Name of Inventor : Filing Date :06/10/2011 1)DONDERICI Burkay (87) International Publication No **2)GUNER Baris** :WO 2013/052049 (61) Patent of Addition to Application 3)BITTAR Michael S. :NA Number 4)SAN MARTIN Luis E. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMPENSATED CROSS WELL TOMOGRAPHY METHODS AND SYSTEMS

(57) Abstract :

A method and system to compensate for inaccuracies in cross well tomography is presented. The method includes obtaining data from at least two receivers in response to transmissions from at least two transmitters. Next at least one compensated value is derived based on the responses of the receivers to the transmitters. Finally an inversion is performed based at least in part on the compensated value derived. This method eliminates inaccuracies that can be caused by sensor gain and phase variations in the inversion process. Inversion results with gain and phase compensation produce better imaging results that can better help determine the shape and boundaries of the reservoir.

No. of Pages : 20 No. of Claims : 18

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

(54) Title of the invention : DFVS ENABLED MULTIPROCESSOR

(21) Application No.1954/DELNP/2014 A

(43) Publication Date : 15/05/2015

· · /		T
(51) International classification	:G06F1/32	(71)Name of Applicant :
(31) Priority Document No	:13/252661	1)ERICSSON MODEMS SA
(32) Priority Date	:04/10/2011	Address of Applicant :Chemin du Champ des Filles 39 CH
(33) Name of priority country	:U.S.A.	1228 Plan les Ouates Switzerland
(86) International Application No	:PCT/EP2012/069644	(72)Name of Inventor :
Filing Date	:04/10/2012	1)PIRES DOS REIS MOREIRA Orlando Miguel
(87) International Publication No	:WO 2013/050489	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One or more tasks to be executed on one or more processors are formulated into a graph with dependencies between the tasks defined as edges in the graph. In the case of a Radio Access Technology (RAT) application the graph is iterative whereby each task may be activated a number of times that may be unknown at compile time. A discrete number of allowable frequencies for processors while executing tasks are defined and the power dissipation of the processors at those frequencies determined. A linear programming problem is then formulated and solved which minimizes the overall power dissipation across all processors executing all tasks subject to several constraints that guarantee complete and proper functionality. The switching of processors executing the tasks between operating points (frequency voltage) may be controlled by embedding instructions into the tasks at design or compile time or by a local supervisor monitoring execution of the tasks.

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

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

(43) Publication Date : 15/05/2015

(51) International classification	:B65D3/08	(71)Name of Applicant :
(31) Priority Document No	:10 2011 113 347.3	1)FELDMANN+SCHULTCHEN DESIGN STUDIOS
(32) Priority Date	:15/09/2011	GMBH
(33) Name of priority country	:Germany	Address of Applicant :Himmelstrasse 10 16 22299 Hamburg
(86) International Application No	:PCT/EP2012/003721	
Filing Date	:05/09/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/037462	1)FELDMANN Andr
(61) Patent of Addition to Application	:NA	2)SCHULTCHEN Arne
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DRINKING CUP MADE OF FOLDABLE FLAT MATERIAL

(57) Abstract :

The invention relates to a cup made of foldable flat material with at least one desired fold line (22) along which a convex cup wall (24) can be pushed in to give a concave dimensionally stable form.

No. of Pages : 15 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLY(ARYL ETHER SULFONE) COMPOSITION AND METHOD OF MAKING

(57) Abstract :

A poly(aryl ether sulfone) comprises units of formula (I): wherein Ar is a divalent C C aromatic group Ar is a divalent C C aromatic group and n is greater than 1; and a terminal group of formula (II) derived from a monofunctional phenoxide wherein is X is a hydrogen atom or an organic substituent having from 1 to 20 carbon atoms; wherein the poly(aryl ether sulfone) has a hydroxyl group content greater than 0 and less than 50 parts per million (ppm) a glass transition temperature of 180 to 290°C a weight average molecular weight of 20 000 to 100 000 a halogen content of greater than 0 and less than 3000 ppm. The poly(aryl ether sulfone) can have a thermal stability factor greater than or equal to 90%. The poly(aryl ether sulfone) is free of methoxy groups.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ACID CLEANERS FOR METAL SUBSTRATES AND ASSOCIATED METHODS FOR CLEANING AND COATING METAL SUBSTRATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C09D5/08,C09D5/44,C25D13/04 :13/249331 :30/09/2011 :U.S.A. :PCT/US2012/057022 :25/09/2012 :WO 2013/049004 :NA :NA	 (71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor : 1)OKERBERG Brian C. 2)FRALEY Susanna 3)ZIEGLER Terri L.
	:NA :NA	

(57) Abstract :

Disclosed are methods for cleaning and coating metal substrates and the coated substrate formed therein that include contacting the substrate with an acid and then contacting the cleaned substrate with an electrodepositable coating composition comprising a film forming polymer and a corrosion inhibitor.

No. of Pages : 44 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING TERNESITE BELITE CALCIUM SULFOALUMINATE CLINKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C04B7/32,C04B7/345 :11006757.6 :18/08/2011 :EPO :PCT/EP2012/002978 :16/07/2012 :WO 2013/023731 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HEIDELBERGCEMENT AG Address of Applicant :Berliner Str. 6 69120 Heidelberg Germany (72)Name of Inventor : 1)BULLERJAHN Frank 2)SCHMITT Dirk 3)BEN HAHA Mohsen
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(57) Abstract :

The invention relates to the production of a ternesite belite calcium sulfoaluminate (ferrit) clinker. The invention also relates to the use of alternative raw materials e.g. raw materials based on industrial auxiliary products in particular having a low quality such as for example pieces of slag and ashen with a low glass content and /or high content of unslaked lime and/or high content of crystalline high temperature phases and naturally present minerals and igneous glass of a similar chemical composition for the production of clinker.

No. of Pages : 40 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PURIFICATION OF CLEAVED PRO INSULIN

(57) Abstract :

The present invention is within the field of biomolecule purification. More closely the invention relates to chromatographic purification of insulin using a specific kind of shell beads having an inner core and an outer functionalized layer. The method enables purification at high flow rates and high purity over 90%.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HERBICIDAL PYRIDAZINONE DERIVATIVES

(57) Abstract :

The present invention provides a compound of Formula (I) or an agronomically acceptable salt thereof wherein: R is selected from the group consisting of (A1) (A2) and (A3) wherein X is N or CR R R R R R R R R R R R and R are as defined herein. The invention further relates to herbicidal compositions which comprise a compound of Formula (I) and to their use for controlling weeds in particular in crops of useful plants.

No. of Pages : 125 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH EFFICIENCY GENE TRANSFER AND EXPRESSION IN MAMMALIAN CELLS BY A MULTIPLE TRANSFECTION PROCEDURE OF MAR SEQUENCES

(51) International classification (31) Priority Document No	:C12N 1/00 :60/513,574	(71)Name of Applicant : 1)SELEXIS S.A.
(32) Priority Date	:24/10/2003	Address of Applicant :18, Chemin des Aulx CH-1228 Plan-
(33) Name of priority country	:U.S.A.	les-Ouates Switzerland
(86) International Application No	:PCT/EP2004/011974	(72)Name of Inventor :
Filing Date	:22/10/2004	1)MERMOD, Nicolas
(87) International Publication No	: NA	2)GIROD, Pierre Alain
(61) Patent of Addition to Application	:NA	3)BUCHER, Philipp
Number	:NA	4)NGUYEN, Duc-Quang
Filing Date		5)CALABRESE, David
(62) Divisional to Application Number	:1454/DELNP/2006	6)SAUGY, Damien
Filed on	:12/03/2006	7)PUTTINI, Stefania

(57) Abstract :

The present invention relates to purified and isolated DNA sequences having protein production increasing activity and more specifically to the use of matrix attachment regions (MARs) for increasing protein production activity in a eukaryotic cell. Also disclosed is a method for the identification of said active regions, in particular MAR nucleotide sequences, and the use of these characterized active MAR sequences in a new multiple transfection method.

No. of Pages : 88 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :09/04/2014

(54) Title of the invention : EXPANDING GATE VALVE ASSEMBLY

(43) Publication Date : 15/05/2015

:F16K3/12	(71)Name of Applicant :
:61/542028	1)INTEGRATED EQUIPMENT INC.
:30/09/2011	Address of Applicant :5701 Brittmoore Houston Texas 7704
:U.S.A.	U.S.A.
:PCT/US2012/058023	(72)Name of Inventor :
:28/09/2012	1)ARORA Sumeet
:WO 2013/049643	
·NI A	
:INA	
:NA	
:NA	
	:61/542028 :30/09/2011 :U.S.A. :PCT/US2012/058023 :28/09/2012 :WO 2013/049643 :NA :NA :NA

(57) Abstract :

An expanding gate valve assembly includes a segment and a gate. Inner faces of the segment and gate are configured for slidable contact and angled faces of the segment and gate are configured for slidable contact to form a first gate assembly interface. The first gate assembly interface can further include a tab on the gate configured to contact a base surface of the segment to form a second gate assembly interface. A spring can be coupled between the gate and the segment to maintain at least the first gate assembly interface. The tab can be disposed below the segment to provide a lifting engagement with the base surface of the segment. The first gate assembly interface can be ledge free.

No. of Pages : 24 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B02C4/30	(71)Name of Applicant :
(31) Priority Document No	:13/275826	1)DIAMOND POWER INTERNATIONAL INC.
(32) Priority Date	:18/10/2011	Address of Applicant :2600 East Main Street Lancaster OH
(33) Name of priority country	:U.S.A.	43130 U.S.A.
(86) International Application No	:PCT/US2012/056185	(72)Name of Inventor :
Filing Date	:20/09/2012	1)HABIB Tony F.
(87) International Publication No	:WO 2013/058926	2)HONAKER Robert W.
(61) Patent of Addition to Application	:NA	3)SOWERS Clint M.
Number	:NA :NA	4)LUKEZICH Stephen J.
Filing Date	INA	5)HARDY Breck J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SHAFT TO ROLLER ATTACHMENT FOR CLINKER GRINDER ROLLER

(57) Abstract :

A grinder roller assembly and a method of forming a grinder roller assembly are provided. The grinder roller assembly includes an elongated shaft that comprises a shaft outer surface. The grinder roller assembly further includes an insert plate. The insert plate has a plate outer surface that is noncircular and substantially smooth. The insert plate further has a plate opening that defines a plate inner surface and is configured to receive the elongated shaft. The grinder roller assembly further includes a roller having a roller opening that defines a roller inner surface that cooperates with the plate outer surface. The grinder roller assembly further includes at least one fastener that attaches the insert plate to the elongated shaft.

No. of Pages : 21 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C01B 31/00 :61/534553 :14/09/2011 :U.S.A. :PCT/US2012/055414 :14/09/2012 :WO 2013/040356 :NA :NA	 (71)Name of Applicant : 1)WILLIAM MARSH RICE UNIVERSITY Address of Applicant :6100 Main Street Houston TX 77005 U.S.A. (72)Name of Inventor : 1)TOUR James M. 2)LU Wei 3)GENORIO Bostjan
		3)GENORIO Bostjan
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SOLVENT BASED METHODS FOR PRODUCTION OF GRAPHENE NANORIBBONS

(57) Abstract :

The present invention provides methods of preparing functionalized graphene nanoribbons. Such methods include: (1) exposing a plurality of carbon nanotubes (CNTs) to an alkali metal source in the presence of an aprotic solvent to open them; and (2) exposing the opened CNTs to an electrophile to form functionalized graphene nanoribbons (GNRs). The methods may also include a step of exposing the opened CNTs to a protic solvent to quench any reactive species on them. Additional methods include preparing unfunctionalized GNRs by: (1) exposing a plurality of CNTs to an alkali metal source in the presence of an aprotic solvent to open them; and (2) exposing the opened CNTs to a protic solvent to form unfunctionalized GNRs.

No. of Pages : 103 No. of Claims : 54

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BLOCKING/OPENING METHOD BLOCKING METHOD AND BLOCKING/OPENING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C21B7/12 :2011210737 :27/09/2011 :Japan :PCT/JP2012/074502 :25/09/2012 :WO 2013/047490 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMIKIN ENGINEERING CO. LTD. Address of Applicant :5 1 Osaki 1 chome Shinagawa ku Tokyo 1418604 Japan (72)Name of Inventor : 1)YAMANA Norihiko 2)IKEZAKI Toru 3)FUJII Noriaki
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(57) Abstract :

This blocking/opening method is a method for blocking a tapping hole formed in the furnace wall of a blast furnace as well as for opening a blocked tapping hole. The method is provided with a blocking process in which after filling a tapping hole by pressing mud material and a blocking plug therein the tapping hole is blocked by baking the mud material and an opening process in which the blocking plug and the baked mud material are excavated to form a tapping hole. The blocking plug has a portion which is formed to be softer than the baked mud material extending over the entire length thereof.

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

(21) Application No.2847/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IRON BASED FISCHER TROPSCH CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01J23/06,C10G2/00,C01G9/02 :61/551579 :26/10/2011 :U.S.A. :PCT/US2012/060242 :15/10/2012	 (71)Name of Applicant : 1)RENTECH INC. Address of Applicant :10877 Wilshire Blvd. Los Angeles California 90024 U.S.A. (72)Name of Inventor : 1)KHARAS Karl C.
 (87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/062803 :NA :NA :NA :NA	

(57) Abstract :

An iron based Fischer Tropsch catalyst comprising magnetite and characterized by integrable X ray diffraction reflections corresponding to (311) (511) (440) and (400) such that the relative intensity of the (400) reflection to the (300) reflection is less than about 39%. A method of preparing an activated iron based Fischer Tropsch catalyst by providing a precipitated catalyst comprising oxides including at least iron oxide; and activating the precipitated catalyst to provide the activated iron based Fischer Tropsch catalyst wherein activating the precipitated catalyst comprises exposing the precipitated catalyst to an activation gas and increasing the temperature from a first temperature to a second temperature at a ramp rate whereby the ratio of the intensity of the (400) reflection of the activated iron based Fischer Tropsch catalyst to the intensity of the (311) reflection thereof is less than 38%.

No. of Pages : 41 No. of Claims : 64

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CENTRIFUGAL COMPRESSOR PROVIDED WITH A MARKER FOR MEASURING WEAR AND A METHOD OF MONITORING WEAR USING SAID MARKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04D27/00,F04D29/42 :1159071 :07/10/2011 :France :PCT/FR2012/052189 :27/09/2012 :WO 2013/050688 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TURBOMECA Address of Applicant :BP 2 F 64511 Bordes France (72)Name of Inventor : 1)JACTAT Paul Etienne 2)LEBRUSQ Pascal 3)SARRAMEA Jr'me 4)SCUILLER Lionel
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(57) Abstract :

The aim of the invention is to take an accurate measurement of the erosion of compressors without removal of the engine and to provide for simple installation. For this purpose it has been observed that erosion takes place in the elbow of the cover and the progress of said erosion can thus enable the monitoring of erosion to the other parts of the compressor in particular the blades of the impeller. Generally a centrifugal compressor (1) of a gas turbine with a radial air inlet comprises in particular an impeller provided with blades and a cover (12) for the flow of air through the impeller blades. The cover (12) is covered with an abradable coating and has an annular area (120 121) of the elbow (12a) in a substantially median portion. Hollow markings (M1 to M3) of determined depths have been machined in the abradable coating of this area (12a 120) preferably in groups (G1 G2). Endoscopic examinations are carried out successively to provide an image signal of the markings. Endoscopic signal processing provides a number of remaining markings and a decision criterion for removing the engine is applied to same.

No. of Pages : 16 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : PARTICULATE ANODE MATERIALS AND METHODS FOR THEIR PREPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/CA2012/050651 :19/09/2012 :WO 2013/040705 :NA :NA	 (71)Name of Applicant : HYDRO QU‰BEC Address of Applicant :75 boul. Ren Lvesque Ouest Montral Qubec H2Z 1A4 Canada (72)Name of Inventor : ZAGHIB Karim GUERFI Abdelbast LEBLANC Dominic
(62) Divisional to Application Number Filing Date	':NA :NA	

(57) Abstract :

A method for preparing a particulate material comprising particles of an element of group IVa an oxide thereof or an alloy thereof the method comprising: (a) dry grinding particles from an ingot of an element of group IVa an oxide thereof or an alloy thereof to obtain micrometer size particles; and (b) wet grinding the micrometer particles dispersed in a solvent carrier to obtain nanometer size particles having a size between 10 to 100 nanometers optionally a stabilizing agent is added during or after the wet grinding. The method can comprise a further step of (c) drying the nanometer size particles. Also the method can comprise the steps of: (d) mixing the nanometer size particles with a carbon precursor; and (e) pyrolysing the mixture thereby forming a coat of conductive carbon on at least part of the surface of the particles. The particulate material can be used in the fabrication of an anode in an electrochemical cell or an electrochemical storage energy apparatus.

No. of Pages : 25 No. of Claims : 29

(19) INDIA

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

(43) Publication Date : 15/05/2015

(51) International classification	:H04N21/466	(71)Name of Applicant :
(31) Priority Document No	:1114698.2	1)INVIEW TECHNOLOGY LIMITED
(32) Priority Date	:24/08/2011	Address of Applicant : Targeting House Gadbrook Road
(33) Name of priority country	:U.K.	Gadbrook Park Northwich Cheshire CW9 7RA U.K.
(86) International Application No	:PCT/GB2012/051459	(72)Name of Inventor :
Filing Date	:22/06/2012	1)AUSTIN Kenneth
(87) International Publication No	:WO 2013/027009	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : AUDIOVISUAL CONTENT RECOMMENDATION METHOD AND DEVICE

(57) Abstract :

A method for facilitating the generation of recommendations of audiovisual content for a first user. The method comprises receiving data from a plurality of second users the received data indicating audiovisual content of interest to the second users. The method further comprises processing the received data to automatically identify a plurality of relationships between interests of one or more of the second users in respective items of audiovisual content in the audiovisual content represented by the received data and generate a recommendation engine. The recommendation engine is adapted to take as input indications of audiovisual content of interest to the first user and to generate recommendations of further audiovisual content of interest to the first user based upon a subset of the plurality of relationships.

No. of Pages : 45 No. of Claims : 54

(21) Application No.2195/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 15/05/2015

(51) International classification	:H04B7/155	(71)Name of Applicant :
(31) Priority Document No	:13/238597	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:21/09/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/054946	1)GUNNARSSON Fredrik
Filing Date	:18/09/2012	
(87) International Publication No	:WO 2013/042043	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING REPEATER GAIN

(57) Abstract :

A method for operating a repeater in a wireless communication network includes transmitting a predetermined sequence of bits over a first antenna of a repeater and measuring an attenuation in the transmitted bits as received at a second antenna of the repeater. The method also includes determining a power value for the repeater based on the attenuation. Additionally the method includes receiving information at a first power level from one of a mobile terminal and a base station and determining based at least in pan on the power value a second power level at which to transmit the received information. Furthermore the method includes transmitting the received information at the second power level.

No. of Pages : 35 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FE BASED INITIAL ULTRA-FINE-CRYSTAL-ALLOY RIBBON AND MAGNETIC COMPONENT

(51) International classification	n:C22C45/02,C21D6/00,H01F1/147	
(31) Priority Document No	:2011222057	1)HITACHI METALS LTD.
(32) Priority Date	:06/10/2011	Address of Applicant :2 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1058614 Japan
(86) International Application	:PCT/JP2012/076138	(72)Name of Inventor :
No	:09/10/2012	1)NAOE Masamu
Filing Date	.09/10/2012	2)NAGAO Michihiro
(87) International Publication No	:WO 2013/051729	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An Fe-based, primary, ultrafine crystalline alloy ribbon having a composition represented by the general formula of Fe loo,...,.bNi,CuYNbZsiaBb, wherein x, y, z, a and b are numbers (atomic %) meeting the conditions of 4 5 x 5 5 6,O.1 5 y 5 2,O.1 < z 5 4,7 < a < 18, and 4 5 b 5 12; an as-cast structure in which fine crystal grains having a grain size distribution of 300 nm or less are dispersed in a proportion of more than 0% and 7% or less by volume in an amorphous matrix; and a thickness of 13-23 pm.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

:F16C19/46,F16C33/78 (71)Name of Applicant : (51) International classification 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG (31) Priority Document No :102011080744.6 (32) Priority Date Address of Applicant : Industriestrae 1 3 91074 :10/08/2011 (33) Name of priority country :Germany Herzogenaurach Germany (86) International Application No (72)Name of Inventor : :PCT/EP2012/058333 Filing Date :07/05/2012 **1)SCH..FERS Heinz** (87) International Publication No :WO 2013/020727 2)ENDERS Johannes (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : RADIAL ROLLER BEARING ASSEMBLY IN PARTICULAR FOR A NEEDLE BUSH

(57) Abstract :

The invention relates to a radial roller bearing assembly, in particular for a needle bush (1), which substantially comprises a thinwalled outer ring (4), which can be inserted into a bore (2) or a housing (3), having two ribs (5, 6) directed radially inward, and a needle cage assembly (7) that is held in the outer ring (4) by said ribs (5, 6). According to the invention, the needle cage assembly (7) is formed by a needle cage (8) and a plurality of bearing needles (9) guided therein in the circumferential direction at regular distances, vyhich roll on the inner shell surface (10) of the outer ring (4) and on the outer shell surface (11) of a shaft (12) to be borne or a separate inner ring. Furthermore, at least two seals (15, 16) are arranged axially next to the side surfaces (13, 14) of the needle cage (8) vk-hich prgtect the from contamination from the outside and from the loss of lubricant. According to the invention, at least one of the seals (15 or 16) is formed as a multi-lip seal, made of an elastomer, consisting of a single ring, which extends over the part of the inner shell surface (10) of the outer ring (4) arranged between the related rib (5 or 6) of the outer ring (4) and the adjacent side surface (13 or 14) of the needle cage (8) and over the inner shell surface (17), the face (18) and the outer shell surface (19) of the rib (5 or 6).

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING TERNESITE (51) International classification: C04B7/32, C04B7/345, C04B28/06 (71) Name of Applicant : (31) Priority Document No 1)HEIDELBERGCEMENT AG :11006757.6 (32) Priority Date :18/08/2011 Address of Applicant :Berliner Str. 6 69120 Heidelberg (33) Name of priority country :EPO Germany (86) International Application (72)Name of Inventor : :PCT/EP2012/002976 **1)BULLERJAHN Frank** No :16/07/2012 Filing Date 2)SCHMITT Dirk (87) International Publication 3)BEN HAHA Mohsen :WO 2013/023729 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a method for producing terensite clinkers comprising 20 95 wt. % CS\$ and less than 15 wt. % CA\$ and to the use of ternesite as an additive to hydraulic and/or latent hydraulic and/or pozzolanic materials.

No. of Pages : 38 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PRODUCING 2, 3, 3, 3 -TETRAFLUOROPROPENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:60/C1//23,C0/C1//42,C0/C21/18 :61/541744 :30/09/2011 :U.S.A. :PCT/US2012/058150 :29/09/2012	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 Columbia Road Morristown NJ 07962 U.S.A. (72)Name of Inventor : 1)BEKTESEVIC Selma 2)TUNG Hsueh Sung 3)WANG Haiyou
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The present invention relates in part to the discovery that high temperatures during the fluorination of 1,1,2,3 -tetrachloropropene (HCO 1230xa) to 2 chloro 3 3 3 trifluoropropene (HCFO 1233xf) results in catalyst instability reduced selectivity of the conversion and/or the formation of one or more undesirable by products. By controlling the reaction temperature it is shown that the catalyst life may be extended and the selectivity of the reaction improved. Such control similarly results in an overall improvement in the production of certain hydrofluoroolefins particularly 2,3,3,3-tetrafluoropropene (HFO 1234yf).

No. of Pages : 28 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PRODUCING 2, 3, 3, 3- TETRAFLUOROPROPENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07C17/23,C07C17/25 :61/541552 :30/09/2011 :U.S.A. :PCT/US2012/058149 :29/09/2012 :WO 2013/049742 :NA :NA :NA	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 Columbia Road Morristown New Jersey 07962 U.S.A. (72)Name of Inventor : 1)WANG Haiyou 2)TUNG Hsueh Sung
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates in part to the discovery that the presence of HF in a HCFC 244bb feedstream in a reaction for the preparation of HFO 1234yf results in selectivity changeover from HFO 1234yf to HCFO 1233xf. By substantially removing HF it is shown that the selectivity to HFO 1234yf via dehydrochlorination of HCFC 244bb is improved.

No. of Pages : 28 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PRODUCING 2 3 3 3 TETRAFLUOROPROPENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 Columbia Road Morristown New Jersey 07962 U.S.A. (72)Name of Inventor : 1)WANG Haiyou
No Filing Date	:10/10/2012	2)TUNG Hsueh Sung
(87) International Publication No	:WO 2013/055726	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The present invention relates in part to the discovery that the presence of impurities in a reactor for dehydrochlorinating HCFC 244bb to HFO 1234yf results in selectivity changeover from HFO 1234yf to HCFO 1233xf. By substantially removing such impurities it is shown that the selectivity to HFO 1234yf via dehydrochlorination of HCFC 244bb is improved.

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

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CROSS COIL GAUGE

(51) International classification(31) Priority Document No(32) Priority Date	:G01R5/16 :2011206772 :22/09/2011	 (71)Name of Applicant : 1)NIPPON SEIKI CO.LTD. Address of Applicant :2 34Higashi zaoh 2 chomeNagaoka shi
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:Japan :PCT/JP2012/070288 :09/08/2012 :WO 2013/042479 :NA :NA :NA	Niigata 9408580 Japan (72)Name of Inventor : 1)USUITakeshi 2)SATHOHitoshi 3)TANAKAMasaki

(57) Abstract :

The purpose of the invention is to provide a cross coil gauge capable of maintaining the strength of hair spring fixation. The cross coil gauge which is provided with a coiled hair spring (8) for resetting to zero is characterized in that the hair spring (8) is provided with a folded part (8a) for positioning and fixing the tip of the outer end of the hair spring (8) and the terminal (6) which is provided on the housing (1) side of the cross coil gauge is equipped with: a connecting part (6b) to which a coil (5) is electrically connected; a positioning part (6c) for holding the folded part (8a) of the hair spring (8); and a crimping part (6d) provided on the inward side of the positioning part (6c) for fixing the outer end of the hair spring (8).

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PREPARATION METHOD OF 1 PALMITOYL 3 ACETYLGLYCEROL AND PREPARATION METHOD OF 1 PALMITOYL 2 LINOLEOYL 3 ACETYLGLYCEROL USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07C67/307,C07C67/52,C07C69/34 :1020110096341 :23/09/2011 :Republic of Korea :PCT/KR2012/007644 :24/09/2012 :WO 2013/043009 :NA	 (71)Name of Applicant : 1)ENZYCHEM LIFESCIENCES CORPORATION Address of Applicant :#F741 KAIST ICC 193 Munji ro Yuseong gu Daejeon 305 732 Republic of Korea (72)Name of Inventor : 1)LEE Tae Suk 2)YOOK Jin Soo 3)YOO Chang Hyun 4)LEE Cheol Min 5)KIM Eun Kyung 6)LEE Ju Cheol
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a method for preparing 1 palmitoyl 3 acetylglycerol in a high purity and a high yield without purification by column chromatography and a method for preparing 1 palmitoyl 2 linoleoyl 3 acetylglycerol in a high purity and a high yield using the same as a core intermediate. The method for preparing 1 palmitoyl 3 acetylglycerol comprises the following steps: reacting 1 palmitoylglycerol represented by chemical formula 2 in the specification a racemate or an optically active substance with an acetylating agent to prepare a reaction mixture containing 1 palmitoyl 3 acetylglycerol represented by chemical formula 1 in the specification a racemate or an optically active substance; and crystallizing the reaction mixture in a C C saturated hydrocarbon solvent to isolate the optically active 1 palmitoyl 3 acetylglycerol.

No. of Pages : 20 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:11195736.1 :27/12/2011 :EPO :PCT/EP2012/076393 :20/12/2012 :WO 2013/098188 :NA :NA :NA	 (71)Name of Applicant : 1)DENTSPLY IH AB Address of Applicant : Aminogatan 1 S 431 21 Mlndal Sweder (72)Name of Inventor : 1)GUSTAVSSON Evelina
Filing Date	:NA	

(54) Title of the invention : CATHETER ASSEMBLY WITH RESEALABLE OPENING

(57) Abstract :

A medical device assembly is disclosed comprising a medical device (1) preferably having a hydrophilic surface coating and a package (3) accommodating said medical device. The package if formed of two sheets of foil material (4 5) a first foil (4) of which has been deep drawn into a trough shape the package further comprising a resealable opening (7) arranged within the bounds of the second foil (5). The medical device may e.g. be a urinary catheter.

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

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : UNIVERSAL RING FREE		
 (54) File of the invention : UNIVERSAL (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M15/00 :61/537536 :21/09/2011 :U.S.A. :PCT/US2012/056583 :21/09/2012 :WO 2013/044033 :NA :NA :NA :NA	 (71)Name of Applicant : STARLOGIK IP LLC Address of Applicant :c/o Adam Snukal at Greenberg Traurig P. A MetLife Building 200 Park Avenue New York NY 10166 U.S.A. (72)Name of Inventor : KAHN Ari

(57) Abstract :

A method and system are disclosed for sending notifications asynchronously over a telephony network. The method and system include receiving a request over a first telephony connection from a first communication device associated with a first user identifying a second communication device associated with a second user sending one or more response communications over the first telephony connection to the first communication device associated with the first user disconnecting the first telephony connection with the first communication device of the first user and sending a notification over a second telephony connection to the second communication device associated with the first user and sending a notification over a second telephony connection to the second communication device associated with the first user and sending information sufficient to allow the second user to identify the first user or the first communication device associated with the first user.

No. of Pages : 31 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE FOR ATTACHING A HOLLOW PART

(32) Priority Date:24/10/2011(33) Name of priority country:France(36) International Application No:PCT/FR2012/052161Filing Date:26/09/2012	 71)Name of Applicant : 1)HERAKLES Address of Applicant :Les Cinq Chemins Rue de Touban F 3185 Le Haillan France 72)Name of Inventor : 1)ANDLAUER Marc 2)DUCROT Pascal
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(57) Abstract :

The invention relates to a attachment device (240) for attaching a hollow part consisting of two opposing walls to at least one structural part. The device includes a one piece body (241) made of a metal material and having two main surfaces (242 243) extending longitudinally between first and second ends (244 245) of said body. Each main surface (242; 243) includes a bearing portion (2420; 2430) in the vicinity of the first end (244) of said body which bearing portion is intended to be pressed against an inner surface of one of the two walls of the hollow part each bearing portion (2420; 2430) comprising an attachment opening (2421) for receiving an attachment member. The bearing portions (2420; 2430) are separated from one another by a slot (246) extending from the first end (244) of said body.

No. of Pages : 20 No. of Claims : 9

(21) Application No.3063/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PYRIDAZINE DERIVATIVES USEFUL IN THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	 (71)Name of Applicant : 1)INHIBITAXIN LIMITED Address of Applicant :Innovation House Discovery Park Sandwich Kent CT13 9ND U.K. (72)Name of Inventor : 1)GIBSON Karl Richard 2)OWEN Dafydd Rhys
Filing Date	:NA	

(57) Abstract :

The invention provides compounds of formula I (I) wherein: R represents a cyclic group selected from phenyl heteroaryl heterocyclyl and C 3 6 cycloalkyl;10 wherein each cyclic group is optionally substituted with from 1 to 3 substituents selected from halo C 6 alkyloptionally substituted with 1 3 halogen atoms phenyl C 6 alkoxy optionally substituted with 1 3 halogen atoms cyano heteroaryl 1a andheterocyclyl 1a; and wherein each cyclic group is optionally fused to a benzene ring or a 5 or 1 6 membered heteroaromaticor heterocyclic ring each containing from 1 to 3 heteroatoms (selected from N O and S); and when the group is substituted the substitution may occur anywhere on the optionally fused ring system as a whole; and wherein heterocyclyl and heterocyclyl 1a may additionally be substituted with =O;20 X represents a bond or C 6 alkylene (which may be straight or branched); R 2 represents H or C 6 alkyl; R 3 represents H or C 6 alkyl; Y represents a bond or C 6 alkylene (which may be straight or branched and optionally substituted with OH or CF 3);2 R 4 represents a cyclic group selected from phenyl heteroaryl 4 heterocyclyl 4 and C 3 6 cycloalkyl; wherein each cyclic group is optionally substituted with from 1 to 3 substituents selected from halo C 6 alkyloptionally substituted with 1 3 halogen atoms TET01063WO 4 phenyl C 6 alkylsubstituted with phenyl C 6 alkoxy optionally substituted with 3 halogen atoms cyano heteroaryl 4a andheterocyclyl 4a; and wherein each cyclic group is optionally fused to benzene ring or a 5 or 6 membered heteroaromaticor heterocyclic ring each containing from 1 to 3 heteroatoms (selected from N O and S); and when the group is substituted the substitution may occur anywhere on the optionally fused ring system as a whole; and wherein heterocyclyl 4 and heterocyclyl 4a may additionally be substituted with =O: heteroaryl heteroaryl 1a heteroaryl 4 and heteroaryl 4a independently represent a 5 or 6 membered heteroaryl group containing from 1 to 3 heteroatoms (selected from N O and 10 S); and heterocyclyl heterocyclyl 1a heterocyclyl 4 and heterocyclyl 4a independently represent a 5 or 6 membered heterocyclyl group containing from 1 to 3 heteroatoms (selected from N O and S); and pharmaceutically acceptable salts and solvates thereof.1 The compounds are useful as pharmaceuticals particularly in the treatment of fibrotic diseases cancer and pain.

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

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRESSURE CONTROL SYSTEM AND PRESSURE CONTROL VALVE

(51) International classification	:F02M63/00,F02M63/02,F02D41/38	(71)Name of Applicant : 1)CONTINENTAL AUTOMOTIVE GMBH
(31) Priority Document No	:10 2011 083 154.1	Address of Applicant : Vahrenwalder Strae 9 30165 Hannover
(32) Priority Date	:21/09/2011	Germany
(33) Name of priority country	y:Germany	(72)Name of Inventor :
(86) International	:PCT/EP2012/068624	1)BLEECK Matthias
Application No	:21/09/2012	2)GUGEL Bernd
Filing Date		3)KRAFT Thomas
(87) International Publication No	¹ :WO 2013/041664	
(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 pressure control system comprising a pressure control valve (10) for controlling a pressure of a fluid in a pressure circuit (60) which pressure control valve comprises a valve housing (12) having a longitudinal axis (L) in which valve housing a valve housing cavity (14) having a fluid inlet opening (24) and at least one fluid outlet opening (26) is arranged wherein the fluid inlet opening (24) can be hydraulically coupled to the pressure circuit (60) a closing body (18) arranged in the valve housing cavity (14) in an axially movable manner and having a sealing element (20) wherein the sealing element (20) interacts with a sealing seat (30) of the valve housing cavity (14) in a fluid tight manner in a closed position of the closing body (18) and releases the fluid flow from the fluid inlet opening (24) to the fluid outlet opening (26) in an open position of the closing body (18) and an actuator unit (38) which is designed to act on the closing body (18) and comprising a control unit (70).

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

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRODUCTION OF GRAPHENIC CARBON PARTICLES UTILIZING HYDROCARBON PRECURSOR MATERIALS

(51) International classification	:C01B31/04	(71)Name of Applicant :
(31) Priority Document No	:13/249315	1)PPG INDUSTRIES OHIO INC.
(32) Priority Date	:30/09/2011	Address of Applicant :3800 West 143rd Street Cleveland Ohio
(33) Name of priority country	:U.S.A.	44111 U.S.A.
(86) International Application No	:PCT/US2012/057811	(72)Name of Inventor :
Filing Date	:28/09/2012	1)HUNG Cheng Hung
(87) International Publication No	:WO 2013/049498	2)VANIER Noel R.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is disclosed for making graphenic carbon particles. The method includes introducing a hydrocarbon precursor material into a thermal zone (20) heating the hydrocarbon precursor material in the thermal zone to form the graphenic carbon particles from the hydrocarbon precursor material and collecting the graphenic carbon particles. The hydrocarbon precursor material may comprise a hydrocarbon and/or methane capable of forming a two carbon fragment species. Apparatus (20) for performing such a method and graphenic particles produced by the method are also disclosed.

No. of Pages : 39 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :11/04/2014

(54) Title of the invention : FLUOROCHEMICAL COMPOSITION AND USE THEREOF

(51) International classification	:C08G18/08,C08G18/28,C08G18/38	(71)Name of Applicant : 1)CLARIANT INTERNATIONAL LTD
(31) Priority Document No	:11010033.6	Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz
(32) Priority Date	:21/12/2011	Switzerland
(33) Name of priority country	/:EPO	(72)Name of Inventor :
(86) International	:PCT/EP2012/005174	1)JONCKHEREE Eric
Application No	:13/12/2012	2)MABIRE Frederic
Filing Date	.13/12/2012	3)NUSSER Rainer
(87) International Publication No	:WO 2013/091804	4)TANG Qian
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The instant invention relates to the Fluorochemical composition comprising a dispersion or a solution of a fluorinated compound wherein said fluorinated compound comprises the reaction product of at least two reactants A and B wherein reactant A being a compound of formula (I); R O (CF(CF)CFO)CF(CF) X Y Z (I) with R being a perfluorinated alkyl group m being from 3 to 25; X being a carbonyl group or CH2; Y being a chemical bond or an organic divalent or trivalent linking group bearing a functional or difunctional isocyanate reactive group; Z being an organic group bearing at least one cationic group reactant B being a polyfunctional isocyanate or a mixture thereof and optionally one or more isocyanate reactive co reactants C.

No. of Pages : 28 No. of Claims : 19

(21) Application No.3066/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : EXHAUST PURIFICATION SYSTEM FOR INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:06/11/2012	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor : 1)YAMADA Satoshi 2)YAMADA Tomohide
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the present invention is to provide an exhaust purification system for an internal combustion engine whereby it is possible to prevent the HC emission from increasing and to promptly raise the temperature of an exhaust purification device while ensuring a stable combustion of the engine during the warm up operation immediately after starting the engine. The exhaust purification system has an air flow rate control means (50) for raising the temperature of the exhaust gas emitted from an engine (1) by reducing the air flow rate supplied to the engine (1) and an actuation timing control means (52) for controlling the timing at which the air flow rate control means (50) is actuated such that the combustion state of the engine (1) does not become unstable even when the air flow rate supplied to the engine (1) is reduced as a consequence of the air flow rate control means (50) being actuated.

No. of Pages : 42 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :10/02/2012

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 265/30 :61/363,702 :13/07/2010 :U.S.A. :PCT/CN2011/077119 :13/07/2011 :WO 2012/006953 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND. (72)Name of Inventor : 1)BADIGER SANGAMESH 2)CHEBROLU MURALI 3)FREDERIKSEN MATHIAS 4)HOLZER PHILIPP 5)HURTH KONSTANZE 6)LI LEI 7)LIU HUI 8)LUEOEND RAINER MARTIN 9)MACHAUER RAINER 10)MOEBITZ HENRIK 11)NEUMANN ULF 12)RAMOS RITA 13)RUEEGER HEINRICH 14)SCHAEFER MICHAEL 15)TINTELNOT-BLOMLEY MARINA 16)VEENSTRA SIEM JACOB 17)VOEGTLE MARKUS 18)XIONG XIN
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(54) Title of the invention : OXAZINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF NEUROLOGICAL DISORDERS

(57) Abstract :

Disclosed are oxazine derivatives of formula (I) having BACE inhibitory activity, wherein all of the variables are as defined in the specification, in free form or in salt form, their preparation methods, their medical use and medicaments comprising them.

No. of Pages : 261 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : USE OF 1H QUINAZOLINE 2 4 DIONES FOR USE IN THE PREVENTION OR TREATMENT PHOTOSENSITIVE EPILEPSY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :PCT/US2011/050687 :07/09/2011 :WO 2013/036224	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)KUCHER Klaus 2)JOHNS Donald 3)IMBERT George
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(57) Abstract :

The invention concerns the use of competitive AMPA receptor antagonists for the treatment or prevention of photosensitive epilepsy.

No. of Pages : 60 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PORTABLE ELECTRONIC VAPOR PRODUCING DEVICE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 		 (71)Name of Applicant : 1)WISPLITE TECHNOLOGY GROUP INC. Address of Applicant :1450 13401 108th Ave. Surrey British Columbia V3T5T3 Canada (72)Name of Inventor : 1)TAGGART Andrea 2)ORTEGA Edgar
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is a portable electronic vapour producing device which converts chemical substances in liquid form to a gaseous form so that active ingredient(s) can be inhaled by the user for therapeutic or medicinal purposes. The device includes: a power module: a primary module: and an auxiliary module that may be enclosed separately in exterior hollow casings and fitted together or enclosed together in one single exterior hollow casing. The primary module includes: an anode assembly: a cask assembly: and a heater assembly. The anode assembly includes an anode barrel which is hollow fixed permanently in place and contacts the batten : a cathode mount which is fixed permanently in place and contacts the heater assembly: and an anode mount which moves between contacting the anode and not contacting the cathode in response to a vacuum produced by user inhalation.

No. of Pages : 35 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYETHERIMIDES METHODS OF MANUFACTURE AND ARTICLES FORMED THEREFROM

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/US2012/062183 :26/10/2012 :WO 2013/066757 :NA :NA	 (71)Name of Applicant : 1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612PX Bergen op Zoom Netherlands (72)Name of Inventor : 1)KUHLMAN Matthew L.
(62) Divisional to Application	¹ :NA :NA	

(57) Abstract :

A polyetherimide manufactured by reaction of an alkali metal salt of a dihydroxy aromatic compound of the formula MO Z OM wherein M is an alkali metal salt and Z is an aromatic C monocyclic or polycyclic moiety optionally substituted with 1 to 6 C alkyl groups 1 to 8 halogen atoms or a combination thereof with a bis(halophthalimide) composition comprising based on the weight of the bis(halophthalimide) composition from more than 45 to less than 75 weight percent of a 3 3 bis(halophthalimide) of the formula less than 10 weight percent of a 3 4 bis(halophthalimide) of the formula and from more than 45 to less than 75 weight percent of a (4 4 bis(halophthalimide) of the formula.

No. of Pages : 67 No. of Claims : 42

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 15/05/2015

(34) The of the invention . LOBRICANT		1
(51) International classification	:C10M169/04	(71)Name of Applicant :
(31) Priority Document No	:61/558617	1)VANDERBILT CHEMICALS LLC
(32) Priority Date	:11/11/2011	Address of Applicant :30 Winfield Street Norwalk CT 0685
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/059741	(72)Name of Inventor :
Filing Date	:11/10/2012	1)CHASE Kevin J.
(87) International Publication No	:WO 2013/070376	2)WALLACK William T.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LUBRICANT COMPOSITION

(57) Abstract :

1 [Di(4 octylphenyl)aminomethyl]tolutriazole is prepared in a mineral oil wherein the reaction also contains between 0.1 and 5% by weight of a polyacrylate polymer dissolved in a mineral oil. The liquid product shows increased storage stability with respect to crystallization of the 1 [di(4 octylphenyl)aminomethyl]tolutriazole when the polyacrylate polymer is added during the reaction to prepare the 1 [Di(4 octylphenyl)aminomethyl]tolutriazole. This product can be utilized in a lubricant composition as an antioxidant and corrosion inhibitor

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61F2/24 :11188656.0 :10/11/2011 :EPO	 (71)Name of Applicant : 1)MEDTENTIA INTERNATIONAL LTD OY Address of Applicant :Mkelankatu 58 60 3rd Floor FI 00510 Helsinki Finland
(86) International Application No Filing Date	:PCT/EP2012/072272 :09/11/2012	(72)Name of Inventor : 1)KER,,NEN Olli
(87) International Publication No	:WO 2013/068535	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : A DEVICE AND A METHOD FOR IMPROVING THE FUNCTION OF A HEART VALVE

(57) Abstract :

A medical device is disclosed that reinforces weakened or degenerated areas of at least a portion of a leaflet (24) of the heart valve. Function of a heart valve is thus improved. The medical device comprises at least a first partly flexible leaflet reinforcement patch (30) having an extension between an inner section (34) and an outer section (32) wherein said outer section (32) is configured to be oriented towards said annulus and said inner section (34) is configured to be oriented towards said inner section of said valve tissue and at least a portion of said inner section (34) of said flexible leaflet reinforcement patch (32) having at least one of said plurality of leaflets (24) in juxtaposition to said portion of said inner section (34) and said portion of said inner section (34) being positioned to provide reinforcement to said plurality of leaflets (24).

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

(21) Application No.1973/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 15/05/2015

(51) International classification	:A61F5/01	(71)Name of Applicant :
(31) Priority Document No	:61/535397	1)TOWNSEND DESIGN
(32) Priority Date	:16/09/2011	Address of Applicant :4615 Shepard Street Bakersfield CA
(33) Name of priority country	:U.S.A.	93313 U.S.A.
(86) International Application No	:PCT/US2012/055449	(72)Name of Inventor :
Filing Date	:14/09/2012	1)KNECHT Steven S.
(87) International Publication No	:WO 2013/040375	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : KNEE BRACE WITH ADJUSTABLE BOLSTER

(57) Abstract :

A knee brace which allows the same bolster pad to be used for either the right or left leg is adjustable to compensate for the differing angle between men and women and allows individual adjustment for each patient s comfort and brace rotation for proper fit and joint alignment. These characteristics are obtained by a contoured bolster that is selectively mountable at various positions on either side of the shin cross piece depending on whether the brace is for the left or right leg the bolster always being on the medial side of the shin to contact the flat section on the front of the shin thereby minimizing unwanted rotation of the brace. The bolster pad has a front face with a curvature matched to a curvature of an inner side of the cross piece and a flat on a rear side to contact the front of the shin.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : USE OF 4 AMINO 5 FLUORO 3 [6 (4 METHYLPIPERAZIN 1 YL) 1H BENZIMIDAZOL 2 YL] 1H QUINOLIN 2 ONE IN THE TREATMENT OF CANCER IN MODERATE HEPATIC IMPAIRED PATIENTS

(51) International classification	:A61K31/4709,A61P35/00	(71)Name of Applicant :
(31) Priority Document No	:61/535142	1)NOVARTIS AG
(32) Priority Date	:15/09/2011	Address of Applicant :Lichtstrasse 35 CH 4056 Basel
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/054046	(72)Name of Inventor :
Filing Date	:07/09/2012	1)ANAND Suraj Prakash
(87) International Publication No	:WO 2013/039764	2)REDDICK Catherine Wynnette
(61) Patent of Addition to Application	:NA	3)SHI Michael
Number	:NA :NA	4)STEED Mary Ellen
Filing Date	.INA	5)TAN Eugene Youchin
(62) Divisional to Application Number	· :NA	6)WANG Yongyu
Filing Date	:NA	7)STEGERT Mario Reinhard

(57) Abstract :

The present invention relates to a method of treating a cancer in patient in need thereof by administering 4 amino 5 fluoro 3 [6 (4 methylpiperazin 1 yl) 1H benzimidazol 2 yl] 1H quinolin 2 one or a tautomer thereof or a salt of any one of them wherein the patient is a moderate hepatic impaired patient.

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

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B26B21/40	(71)Name of Applicant :
(31) Priority Document No	:61/550067	1)THE GILLETTE COMPANY
(32) Priority Date	:21/10/2011	Address of Applicant :World Shaving Headquarters IP/Legal
(33) Name of priority country	:U.S.A.	Patent Department 3E One Gillette Park Boston MA 02127 U.S.A.
(86) International Application No	:PCT/US2012/060752	(72)Name of Inventor :
Filing Date	:18/10/2012	1)JESSEMEY Paul Michael
(87) International Publication No	:WO 2013/059414	2)WAIN Kevin James
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexander		•

(54) Title of the invention : HAIR REMOVAL CARTRIDGE WITH ELONGATED RECESS REGION

(57) Abstract :

A cartridge with a housing having a cap a guard having a base and at least one blade mounted to the housing. The blade has a blade edge between the cap and the guard. The guard has an elongated recessed region and one or more trailing projections between the blade edge and the elongated recessed region. The elongated recessed region has one or more leading projections positioned below a tangent line extending from the cap to one of the trailing projections.

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

(21) Application No.2871/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C09B35/378	(71)Name of Applicant :
(31) Priority Document No	:11008494.4	1)CLARIANT INTERNATIONAL LTD
(32) Priority Date	:22/10/2011	Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/004371	(72)Name of Inventor :
Filing Date	:18/10/2012	1)NUSSER Rainer
(87) International Publication No	:WO 2013/056837	2)HASEMANN Ludwig
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRISAZO ACID DYES BASED ON NAPHTHOLES

(57) Abstract :

The invention relates to novel acid dyes of formula (I) wherein R signifies H or a sulpho group R signifies H or a sulpho group R has to be different from R R signifies H a sulpho group a substituted C to C alkyi group or an unsubstituted C to C alkyi group a substituted C to C alkyi group or an unsubstituted C to C alkyi group a substituted C to C alkyi group or an unsubstituted C to C alkyi group R signifies a substituted C to C alkyi group or an unsubstituted C to C alkyi group a substituted C to C alkyi group or an unsubstituted aryl group or a substituted aryl group. The novel acid dyes can be used for dyeing and printing polyamides.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR JOINING WORKPIECE LAYERS AND CONNECTING ELEMENT AND JOINING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B21J15/02,B21J15/08,B21J15/14 :10 2012 006 631.7 :31/03/2012 :Germany	 (71)Name of Applicant : 1)JOHNSON CONTROLS GMBH Address of Applicant :Industriestrasse 20 30 51399 Burscheid Germany
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2013/055430 :15/03/2013 :WO 2013/143887 :NA	(72)Name of Inventor : 1)DANNHEISIG Andreas 2)GALAN Jesus 3)GROSS Bernd 4)KOEVER Axel
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to a method for joining at least two workpiece layers (1 2) by introducing a connecting element (10) with a coating (15) applied externally to the connecting element (10) wherein the connecting element (10) is guided in particular punched through the first workpiece layer (1) by means of a ram (26) forming a cut surface (1) and penetrates at least partially into the second workpiece layer and is deformed by means of a die (21) such that it connects the at least two workpiece layers (1 2) together in a form fitting manner. The connecting element (10) is heated such that the coating (15) applied externally to the connecting element (10) melts and wets in particular completely closes the cut surface in the first workpiece layer (1); after a cooling process the re solidified coating (15) adheres to the cut surface of the first workpiece layer (1).

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND SYSTEM FOR SEPARATING AND FILTERING CTA IN PREPARATION OF PURE TEREPHTHALIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:Cnina :PCT/CN2009/075363 :07/12/2009	 (71)Name of Applicant : 1)CHINA NATIONAL PETROLEUM CORPORATION Address of Applicant :NO. 9, DONGZHIMEN NORTH STREET, DONGCHENG DISTRICT, BEIJING 100007, CHINA. China 2)CHINA TEXTILE INDUSTRIAL ENGINEERING INSTITUTE (72)Name of Inventor : 1)RUIKUI YAO 2)WENDE LUO 3)HUATANG ZHOU 4)CHUN ZHANG 5)YINGZHI WANG
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(57) Abstract :

A method for separating and filtering CTA in preparation of pure terephthalic acid, said method comprising: feeding CTA slurry into a rotary pressure filter for solid-liquid separation to obtain wet filter cakes, filtrated mother liquor, washing fluid and dehydrated gas respectively; removing impurities from part of the filtrated mother liquor; and recycling the rest filtrated mother liquor; before impurity removal of the filtrated mother liquor, a gas-liquid separation is performed to the total filtrated mother liquor firstly, to separate the gas therein.

No. of Pages : 19 No. of Claims : 9

(21) Application No.2149/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ARRANGEMENT FOR SEALING A MASTER CYLINDER ON THE SIDE OF THE PISTON ROD

(51) International classification :B60T11/16,B60T11/18,F15B1/02 (71)Name of Applicant : 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG (31) Priority Document No :10 2011 081 654.2 (32) Priority Date :26/08/2011 Address of Applicant : Industriestrasse 3 77815 B¹/₄hl Germany (33) Name of priority country :Germany (72)Name of Inventor : **1)FRIETSCH Frank** (86) International Application :PCT/EP2012/003349 No :06/08/2012 Filing Date (87) International Publication :WO 2013/029741 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to an arrangement for sealing aEmaster cylinder on the side of the piston rod, in particular a0hydraulically actuated clutch or brake system, wherein theSpiston rod connected to the piston of the mgjter cylinder isEprotected, relative to the housing of the master cylinder, byffla bellows-type seal against the penetration of dirt into the master cylinder. The seal comprises a first relatively elastic sealing component and a second relatively inelastic sealing component, wherein the first sealing component is connected both to the housing of the master cylinder and to the second sealing component in a leakproof manner, and wherein the second sealing component is arranged in a leakproof manner on the piston rod and is movable thereon.

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

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : SMOKING ARTICLE COMPRISING A COMBUSTIBLE HEAT SOURCE WITH A REAR BARRIER COATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11250893.2 :15/11/2011 :EPO :PCT/EP2012/072557 :14/11/2012 :WO 2013/072336 :NA :NA :NA	 (71)Name of Applicant : 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland (72)Name of Inventor : 1)STOLZ Steffen 2)DEGOUMOIS Yvan 3)LAVANCHY Frederic
Filing Date	:NA	

(57) Abstract :

A smoking article (2) comprises a combustible heat source (4) with opposed front and rear faces and at least one airflow channel (16) extending from the front face to the rear face of the combustible heat source (4) and an aerosol forming substrate (6) comprising at least one aerosol former downstream of the combustible heat source (4). A non metallic non combustible gas resistant first barrier coating (14) is provided on substantially the entire rear face of the combustible heat source (4).

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GAS AND LIQUID PHASE CATALYTIC BECKMANN REARRANGEMENT OF OXIMES TO PRODUCE LACTAMS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C07D201/04,B01J21/06,B01J21/02 :61/628419 :28/10/2011 :U.S.A. :PCT/US2012/061876 :25/10/2012	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962 2245 U.S.A. 2)UNIVERSITY OF SOUTHAMPTON (72)Name of Inventor : 1)LEVY Alan B. 2)RAJA Robert 3)POTTER Matthew E.
Filing Date (62) Divisional to Application Number		

(57) Abstract :

Methods for producing lactams from oximes by performing a Beckmann rearrangement using a silicoaluminophosphate catalyst are provided. These catalysts may be used in gas phase or liquid phase reactions to convert oximes into lactams. High conversion of oxime and high selectivity for the desired lactams are produced using the disclosed methods including high conversion and selectivity for e caprolactam produced from cyclohexanone oxime and high conversion and selectivity for laurolactam produced from cyclohexanone oxime and high conversion and selectivity for laurolactam produced from cyclohexanone oxime.

No. of Pages : 66 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZING THE LOADING OF DATA SUBMISSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/US2012/060845 :18/10/2012 :WO 2013/066633 :NA :NA	 (71)Name of Applicant : TRANS UNION LLC Address of Applicant :555 W. Adams Street Chicago IL 60661 U.S.A. (72)Name of Inventor : CARSON Jeffrey HASZLAKIEWICZ Eric PARKER Stanley WAJDA Mark
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A system and method for detecting changes in data records based on summary values calculated on input data and existing data in a database is provided. An input data record including indicative data and financial data may be received. The indicative data may be normalized. A summary value may be calculated based on the normalized data to determine if any differences between the input record and existing data exist. If an existing summary value corresponding to the input record does not exist the calculated summary value and financial data may be stored. If an existing summary value corresponding to the input record exists the calculated summary value and the existing summary value may be compared to determine if they are equivalent. The calculated summary value and financial data may be stored if the summary values are not equivalent. The financial data may be stored if the summary values are equivalent.

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INHIBITORS AGAINST ENDOSOMAL/LYSOSOMAL ENZYMES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07K14/81,A61K38/57 :1114017.5 :15/08/2011 :U.K. :PCT/GB2012/000660 :15/08/2012 :WO 2013/024243 :NA :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF DUNDEE Address of Applicant :Nethergate Dundee DD1 4HN U.K. (72)Name of Inventor : 1)WATTS Colin 2)VAN KASTEREN Sander
Filing Date	:NA	

(57) Abstract :

The present invention relates to a multi functional protease inhibitor which may be conjugated to various molecules. The present invention also relates to uses of the protease inhibitor and conjugates thereof

No. of Pages : 60 No. of Claims : 28

(19) INDIA

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

(43) Publication Date : 15/05/2015

(51) International classification	:A01N37/18,A61K31/165	(71)Nome of Applicant .
(31) Priority Document No	:13/215679	1)GTX INC.
(32) Priority Date	:23/08/2011	Address of Applicant :175 Toyota Plaza 7th Floor Memphis
(33) Name of priority country	:U.S.A.	TN 38103 U.S.A.
(86) International Application No	:PCT/US2012/052141	(72)Name of Inventor :
Filing Date	:23/08/2012	1)DALTON James
(87) International Publication No	:WO 2013/043304	2)STEINER Mitchell S.
(61) Patent of Addition to Application	:NA	3)COSS Christopher C.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ESTROGEN RECEPTOR LIGANDS AND METHODS OF USE THEREOF

(57) Abstract :

The present invention relates to methods for reducing testosterone levels by reduction of luteinizing hormone (LH) or independent of LH levels in a male subject and methods of treating suppressing reducing the incidence reducing the severity or inhibiting prostate cancer advanced prostate (5) cancer castration resistant prostate cancer (CRPC) metastatic castration resistant prostate cancer (mCRPC) and palliative treatment of prostate cancer advanced prostate cancer castration resistant prostate cancer (CRPC) and methods of reducing high or increasing PSA levels and/or increasing SHBG levels in a subject suffering from prostate cancer advanced prostate cancer castration resistant prostate cancer (CRPC) and metastatic (10) castration resistant prostate cancer (mCRPC). The compounds of this invention suppress free or total testosterone levels despite castrate levels secondary to ADT and reduce high or increasing PSA levels.

No. of Pages : 218 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C09B35/378	(71)Name of Applicant :
(31) Priority Document No	:11008493.6	1)CLARIANT INTERNATIONAL LTD
(32) Priority Date	:22/10/2011	Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/004373	(72)Name of Inventor :
Filing Date	:18/10/2012	1)NUSSER Rainer
(87) International Publication No	:WO 2013/056839	2)HASEMANN Ludwig
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRISAZO ACID DYES BASED ON PYRIDONES

(57) Abstract :

The invention relates to novel acid dyes of formula (I) wherein R signifies a substituted or unsubstituted C to C alkyl R signifies H C to C alkyl sulpho C to C alkylene sulpho CO NH CO NH (C to C alkyl) or CN R signifies H C to C alkyl R signifies H sulpho C to C alkyl group C to C alkoxy R signifies H C to C alkyl C to C alkyl C to C alkoxy R signifies a substituted C1 to C9 alkyl group or an unsubstituted aryl group or a substituted aryl group wherein the compound of formula (I) bears at least one anionic substituent. The novel acid dyes can be used for dyeing and printing polyamides.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF CONTROLLING THE ATTITUDE OF A SATELLITE AND AN ATTITUDE CONTROLLED SATELLITE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:19/09/2012	 (71)Name of Applicant : 1)ASTRIUM SAS Address of Applicant :12 rue Pasteur F 92150 Suresnes France (72)Name of Inventor : 1)POLLE Bernard
 (87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/041575 :NA :NA :NA :NA	

(57) Abstract :

The present invention concerns a method of controlling the attitude of a satellite in orbit around a celestial body the attitude of the satellite being controlled by means of a momentum storage device and by means of controllable surfaces of the satellite capable of creating desaturation torques in the storage device by using solar pressure said controllable surfaces being arranged on solar panels mobile in rotation around an axis Y. The attitude of the satellite is also controlled by means of at least one electric thruster also implemented to control the orbit of the satellite the orientation of the at least one electric thruster being controlled in such a way as to activate said at least one electric thruster with a thrust direction deliberately not aligned with a centre of mass of the satellite in order to create desaturation torques in the storage device along axis Y the controllable surfaces being controlled to create desaturation torques of said storage device in a plane orthogonal to the Y axis. The present invention also concerns an attitude controlled satellite (10).

No. of Pages : 39 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CHOLINE SALT OF AN ANTI INFLAMMATORY SUBSTITUTED CYCLOBUTENEDIONE COMPOUND

 (51) International classification (31) Priority Document No. (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:02/09/2011 :U.S.A. :PCT/IB2012/054502 :31/08/2012 :WO 2013/030803	 (71)Name of Applicant : NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : AMBARKHANE Ameet Vijay MAULER Arnaud TIMPE Carsten BAETTIG Urs
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(57) Abstract :

chloro 3 [2 (1 ethyl propylamino) 3 4 dioxo cyclobut 1 enylamino] 2 hydroxy N methoxy N methyl benzenesulfonamide choline solid pharmaceutical compositions and oral dosage forms that contain said compound and a method of using such compositions and oral dosage forms to treat people who have inflammatory obstructive or allergic conditions and diseases.

No. of Pages : 21 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING A PROTEIN HYDROLYSATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/EP2012/004940 :30/11/2012 :WO 2013/079208 :NA :NA	 (71)Name of Applicant : 1)OTC GMBH Address of Applicant :Brammenring 11 46047 Oberhausen Germany (72)Name of Inventor : 1)DAHMS Gerd 2)JUNG Andreas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing a protein hydrolysate. In particular the invention relates to a method for producing a keratin hydrolysate. A method for producing a protein hydrolysate is proposed comprising the following method steps: providing a protein source in the form of an aqueous suspension; adding a complexing agent to the provided protein source suspension; adding a base to the provided protein source suspension; heating the obtained mixture to a temperature = 60° C; adjusting the pH value of the mixture to a value between = pH 2 and = pH 8; and filtering the mixture.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AFFENADENORIRUS (GORILLA) OR ADENOVIRAL VECTORS AND METHODS OF USE

(51) International classification	:C07K14/005,C12N15/86,C12N7/00	(71)Name of Applicant : 1)GENVEC INC.
(31) Priority Document No	:61/543652	Address of Applicant :910 Clopper Road Suite 220N
(32) Priority Date	:05/10/2011	Gaithersburg Maryland 20878 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2012/058978	1)MCVEY Duncan
Application No	:05/10/2012	2)BROUGH Douglas E.
Filing Date		3)GALL Jason G.D.
(87) International Publication	WO 2013/052811	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides an adenovirus or adenoviral vector characterized by comprising one or more particular nucleic acid sequences or one or more particular amino acid sequences or portions thereof pertaining to for example an adenoviral pIX protein DNA polymerase protein penton protein hexon protein and/or fiber protein.

No. of Pages : 333 No. of Claims : 105

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING/DECODING IMAGE

(51) International classification	:H04N7/36,H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:1020110106107	1)KT CORPORATION
(32) Priority Date	:17/10/2011	Address of Applicant :90 Buljeong ro Bundang gu Seongnam
(33) Name of priority country	:Republic of Korea	city Kyeonggi do 463 711 Republic of Korea
(86) International Application No	:PCT/KR2012/008482	(72)Name of Inventor :
Filing Date	:17/10/2012	1)LEE Bae Keun
(87) International Publication No	:WO 2013/058542	2)KWON Jae Cheol
(61) Patent of Addition to Application	:NA	3)KIM Joo Young
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

A method for decoding an image according to the present invention comprises the steps of: receiving image information that corresponds to a block to be decoded; performing entropy decoding with respect to the image information that is received; deciding a transform skip mode of the block to be decoded from a plurality of transform skip mode candidates based on the image information that is entropy decoded; and reverse transforming the block to be decoded based on the transform skip mode that is decided.

No. of Pages : 51 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PULLEY MECHANISM FOR CONTINUOUSLY VARIABLE BELT TRANSMISSION FOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA :PCT/JP2011/074311 :21/10/2011 fo:WO 2013/057833 :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)KADOKAWA Masanori 2)KAWAI Yasuhiro 3)NAKADA Hirofumi
Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a pulley mechanism for a continuously variable belt transmission for a vehicle the pulley mechanism being configured so that the rigidity of connection between a rotating shaft and a stationary sheave is increased without increasing the axial length of the continuously variable belt transmission. A first affixation section (96) and a second affixation section (98) are provided on both sides of a stepped section (92) and this causes a stationary sheave (68) to be affixed by the first affixation section (96) and the second affixation section (98) thereby increasing the rigidity of connection between the stationary sheave (68) and an output shaft (40). Also the first affixation section (96) and the second affixation section (98) can be subjected to a belt reaction force during power transmission and as a result the amount of tilt of the stationary sheave (68) during power transmission is reduced to minimize a reduction in both the torque capacity and the transmission efficiency of the continuously variable belt transmission (18) and also to minimize a deterioration in the NV characteristics thereof.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PARTIALLY HYDROLYZED CASEIN WHEY NUTRITIONAL COMPOSITIONS FOR REDUCING THE ONSET OF ALLERGIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:13/270565 :11/10/2011 :U.S.A. :PCT/US2012/050870 :15/08/2012	 (71)Name of Applicant : 1)MJN U.S. HOLDINGS LLC Address of Applicant :2701 Patriot Boulevard 4th Floor Glenview IL 60026 U.S.A. (72)Name of Inventor : 1)VANDERHOOF Jon A. 2)SCALABRIN Deolinda
Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure relates to methods of reducing the onset of allergies. In certain embodiments the method includes administering to an infant a nutritional composition that includes a fat or lipid source a carbohydrate source a protein source comprising whey and casein proteins and optionally a probiotic. In certain embodiments the whey:casein ratio in the protein source is from about 50:50 to about 70:30 and the degree of hydrolysis of the proteins included in the protein source is from about 4 % to about 10 %.

No. of Pages : 27 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR AUTHENTICATING AND TRACKING OBJECTS (51) International classification :G06K19/06 (71)Name of Applicant : 1)SPECTRA SYSTEMS CORPORATION (31) Priority Document No :13/248417 (32) Priority Date Address of Applicant :321 South Main Street Providence RI :29/09/2011 (33) Name of priority country :U.S.A. 02903 U.S.A. (86) International Application No :PCT/US2012/054560 (72)Name of Inventor : Filing Date :11/09/2012 1)LAWANDY Nabil M. (87) International Publication No :WO 2013/048714 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In part the invention relates to a security feature for authenticating an object having an outer surface and an inner surface. The security feature includes a substrate having a length and a width and a two dimensional code comprising a plurality of two dimensional regions the plurality of two dimensional regions disposed in the substrate the two dimensional code is substantially invisible when inspected during exposure to visible light and readable during exposure to ultraviolet light.

No. of Pages : 34 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H04B10/18	(71)Name of Applicant :
(31) Priority Document No	:61/557719	1)ALCATEL LUCENT
(32) Priority Date	:09/11/2011	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/US2012/059874	(72)Name of Inventor :
Filing Date	:12/10/2012	1)STISCIA James J.
(87) International Publication No	:WO 2013/070379	2)SMITH Joe L.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		4

(54) Title of the invention : METHOD AND APPARATUS FOR RAMAN CROSS TALK MITIGATION

(57) Abstract :

Disclosed are an apparatus and method configured to process video data signals operating on a passive optical network (PON). One example method of operation may include receiving a data signal at an optical distribution network node (ODN) and identifying signal interference in the data signal. The method may also include modifying a shape of the data signal in the electrical domain and transmitting the modified data signal to at least one optical termination unit (ONT).

No. of Pages : 23 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B60C1/00 :NA :NA :NA :PCT/US2011/058687	 (71)Name of Applicant : 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant :Route Louis Braille 10 CH 1763 Granges Paccot Switzerland 2)COMPAGNIE GENERALE DES ETABLISSEMENTS
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:31/10/2011 :WO 2013/066310 :NA :NA :NA	MICHELIN (72)Name of Inventor : 1)COLBY E. Bruce 2)TSIHLAS Dimitri G. 3)ZARAK Cesar E.
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : RECESSED REMOVABLE TREAD PORTIONS FOR RETREADED TIRES

(57) Abstract :

Particular embodiments of the invention comprise multi wear layer tire treads for retreaded tires and methods of forming retreaded tires. In particular embodiments a multi wear layer tire tread includes a thickness bounded depth wise by a ground engaging top side and a bottom side the thickness extending laterally between opposing side edges and longitudinally in a lengthwise direction of the tread. Such tire tread may further include a removable tread portion recessed from the top side to form a subsequent wear layer the removable tread portion extending into the tread thickness from the bottom side and terminating a distance below the top side the removable portion having a width arranged between opposing interior surfaces of the tread recessed below the top side.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VARIABLE HEIGHT GROOVES IN MULTIPLE WEAR LAYER TREADS FOR RETREADED TIRES (51) International classification :B60C11/03 (71)Name of Applicant : (31) Priority Document No 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. :NA (32) Priority Date Address of Applicant :Route Louis Braille 10 CH 1763 :NA (33) Name of priority country Granges Paccot Switzerland :NA (86) International Application No 2)COMPAGNIE GENERALE DES ETABLISSEMENTS :PCT/US2011/058684 Filing Date :31/10/2011 MICHELIN (87) International Publication No :WO 2013/066309 (72)Name of Inventor: (61) Patent of Addition to Application 1)COLBY E. Bruce :NA Number 2)TSIHLAS Dimitri G. :NA Filing Date 3)ZARAK Cesar E. (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Particular embodiments of the present invention include multi wear layer treads having variable depth grooves for retreaded tires retreaded tires and methods of forming retreaded tires. In particular embodiments such multi wear layer tire treads include a thickness bounded depthwise by a top side configured to engage a ground surface during tire operation and a bottom side configured for attachment to a tire carcass the thickness extending laterally between opposing side edges and longitudinally in a lengthwise direction of the tread. Such tread may further include a top groove extending a variable depth into the tread thickness from the top side the top groove having a groove bottom that varies depthwise within the tread thickness to form multiple wear layers. In other embodiments top grooves may or may not be variable depth grooves while the tread further include a bottom groove extending a variable depth into the tread thickness from the bottom side.

No. of Pages : 35 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NITRONE COMPOUNDS AND THEIR USE IN PERSONAL CARE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K8/40,A61Q19/00 :61/564920 :30/11/2011 :U.S.A. :PCT/US2012/063668 :06/11/2012 :WO 2013/081778 :NA :NA :NA	 (71)Name of Applicant : 1)ANGUS CHEMICAL COMPANY Address of Applicant :1500 East Lake Cook Road Buffalo Grove IL 60089 U.S.A. 2)DOW GLOBAL TECHNOLOGIES LLC (72)Name of Inventor : 1)DHAMDHERE Mrunalini S. 2)GREEN George D. 3)SWEDO Raymond 4)HUNG Shao Ching
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(57) Abstract :

Provided are compounds and compositions thereof that are useful as antioxidants in personal care formulations. The compounds are of the formula I: wherein R R R R R R R R and R are as defined herein.

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

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR OPERATING A WIND TURBINE AND A CORRESPONDING WIND TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F03D7/02 :10 2011 054 211.6 :05/10/2011 :Germany :PCT/EP2012/069667 :04/10/2012 :WO 2013/050502 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KENERSYS GMBH Address of Applicant :Albersloher Weg 10 48155 M¹/₄nster Germany (72)Name of Inventor : 1)COSACK Nicolai 2)BECKMANN Christian
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(57) Abstract :

limrr maxlimThe invention relates to a method for operating a wind turbine (10) comprising a rotor (12) and a generator (18) connected to said rotor (12) for emitting electrical power to an electrical grid said rotor (12) comprising rotor blades (14) whose blade pitch angles (a) can be moved during operation in order to control the rotational speed (n) of the rotor (12). Upon reaching a rotational speed (n) higher than a rotational speed limit (n) that delimits an operational range (34 34 34) of said wind turbine (10) the rotor (12) is forcibly braked by increasing the blade pitch angle (a) with a predefined positive blade pitch angle movement rate () particularly with a maximum potential positive blade pitch angle movement rate (). According to the invention the rotational speed limit (n) is altered as a function of a blade pitch angle movement rate () set by the control. The invention also relates to a corresponding wind turbine (10).

No. of Pages : 20 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CYSTEAMINE IN THE TREATMENT OF FIBROTIC DISEASE (51) International classification :A01N33/08,A61K31/13 (71)Name of Applicant : (31) Priority Document No **1)SEATTLE CHILDRENS RESEARCH INSTITUTE** :NA (32) Priority Date :NA Address of Applicant :2001 Eight Avenue Seattle WA 98121 (33) Name of priority country :NA U.S.A. (72)Name of Inventor : (86) International Application No :PCT/US2011/057935 Filing Date :26/10/2011 1)EDDY Allison A. (87) International Publication No :WO 2013/062544 2)OKAMURA Daryl M. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Fibrotic diseases are characterized by the replacement of healthy tissue with scar tissue and extracellular matrix in response to tissue damage. Here we describe the reduction of extracellular matrix (ECM) deposition interstitial fibroblasts interstitial volume expression of Collagen I mRNA and protein expression of profibrotic cytokines and macrophage infiltration by Cysteamine treatment.

No. of Pages : 69 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q50/06,G06Q30/04 :NA :NA :NA :PCT/JP2011/073888 :18/10/2011 :WO 2013/057786 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)MIWA Koji 2)KAWAI Takashi 3)ICHIKAWA Shinji
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(54) Title of the invention : POWER FEEDING DEVICE AND POWER FEEDING METHOD

(57) Abstract :

A power feeding device for feeding external power to a vehicle is provided with a power source unit (250) for feeding power to a vehicle and a control device (240) for controlling the power source unit. The control device acquires information pertaining to the power reception efficiency of the vehicle to which power is fed and determines a power reception efficiency range and a price corresponding to the acquired information from among multiple power reception efficiency ranges and various prices set corresponding to each power reception efficiency range. Preferably the power feeding device is also provided with a power transmitting unit (220) for receiving the power from the power source unit and for transmitting the power to the vehicle without making contact.

No. of Pages : 45 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING PAIN

(57) Abstract :

Methods and compositions for treating pain are disclosed. The compositions are based on dry powders comprising microparticles of diketopiperazines and an analgesic active agent. The analgesic in the compositions comprises one or more peptide analgesics or derivatives thereof which are administered to a subject using a pulmonary inhalation drug delivery system comprising a dry powder inhaler and the analgesic composition. The present compositions produce fewer side effects associated with current opioid therapy.

No. of Pages : 45 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ROLLED STEEL BAR OR WIRE FOR HOT FORGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:Japan :PCT/JP2012/071118 :22/08/2012 :WO 2013/031587	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)SHIGA Akira 2)HORIMOTO Masayuki 3)DAITOH Yoshihiro 4)IMATAKA Hideki
Application Number Filing Date	:NA :NA	5)USUI Yusuke 6)OHASHI Tetsuya
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a rolled steel bar or wire for hot forging having excellent bending fatigue strength surface fatigue strength abrasion resistance and machinability even after hot forging. This rolled steel bar or wire for hot forging has a chemical composition containing C Si Mn S Cr Mo (optional) Al and N with the remainder comprising Fe and impurities. The chemical composition furthermore has 1.60 to 2.10 of fn1 as defined by the formula (1). The structure of the rolled steel bar or wire for hot forging comprises a ferrite pearlite structure a ferrite pearlite bainite structure or a ferrite bainite structure. Upon examination of 15 fields of view randomly selected in a cross section so that each field of view has an area of 62 500 μ m the maximum/minimum average ferrite particle diameter is 2.0 or less. fn1 = Cr + 2 — Mo (1). The corresponding element content (mass%) is substituted for each element symbol in the formula (1).

No. of Pages : 57 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2370/DELNP/2014 A

(43) Publication Date : 15/05/2015

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2012/073572 :26/11/2012 :WO 2013/087400 :NA :NA	 (71)Name of Applicant : 1)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH Address of Applicant :Legal Services Department Klybeckstrasse 200 CH 4057 Basel Switzerland (72)Name of Inventor : 1)MUELLER Alexander 2)HILDEBRAND Rainer 3)DALLE NOGARE Siro
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(54) Title of the invention : AZO DYES

(57) Abstract :

The present invention relates to dyes of formula (1), wherein each of the residues D i and D2 represents a radical of formula (2), wherein Ari represents the tetravalent radical of a carbocylic or heterocyclic aromatic compound, Ri, R2 and are each independently of the other hydrogen, Ci-Ci 2alkyl, C i- 2alkoxy, halogen, -OH, -CN, -NO 2, -CF 3, -SO 3H, -NHCOR, -COOR 5, -CONR R7, -SO 2NR R, -NRi SO2Rn, -SO 2R i - or -ZCH 2CH2Q, wherein Z is -0-, -SO 2-, -NR12-, -CONH- or -NHCO-, Q repres o ents -OH, Ci-Ci 2alkyl, -SO 2R i3-, -NHR -, -OCH CH OH, -SO 2CH CH OH or -NHCH CH OH, is -C i2alkyl, R5, R, R7, R, Rio, R i2, R i3 and are each independently of the others hydrogen or Ci-G 2alkyl, and R n is Ci-G 22alkyl, with the proviso that o at least one of the residues D i and D2 is a radical of formula (2) wherein R is -COOR 5, -SO 2NR R, -SO 2R i - or -ZCH 2CH2Q, di chromatic and trichromatic mixtures containing these dyes and the use of these dyes for dyeing or printing hydroxyl group-contain ing or nitrogen-containing fibre materials.

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

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTROCATALYTIC MATERIALS AND METHODS FOR MANUFACTURING SAME

(51) International classification (31) Priority Document No	:B01J23/755,B01J23/745,B01J23/75 :61/530289	 (71)Name of Applicant : 1)TRUDEL Simon Address of Applicant :30 Tuscany Ridge Heights NW Calgary
(32) Priority Date	:01/09/2011	Alberta T3L 2W8 Canada
(33) Name of priority country	y:U.S.A.	2)BERLINGUETTE Curtis
(86) International Application No Filing Date	:PCT/CA2012/050609 :04/09/2012	(72)Name of Inventor :1)TRUDEL Simon2)BERLINGUETTE Curtis
(87) International Publication No	¹ :WO 2013/029186	
(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 provides an electrocatalytic material and a method for making an electrocatalytic material. There is also provided an electrocatalytic material comprising amorphous metal or mixed metal oxides. There is also provided methods of forming an electrocatalyst comprising an amorphous metal oxide film.

No. of Pages : 70 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B01D5/00	(71)Name of Applicant :
(31) Priority Document No	:13/241907	1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(32) Priority Date	:23/09/2011	Address of Applicant :77 Massachusetts Avenue Cambridge
(33) Name of priority country	:U.S.A.	Massachusetts 02139 U.S.A.
(86) International Application No	:PCT/US2012/055861	2)KING FAHD UNIVERSITY OF PETROLEUM &
Filing Date	:18/09/2012	MINERALS
(87) International Publication No	:WO 2013/043568	(72)Name of Inventor :
(61) Patent of Addition to Application		1)GOVINDAN Prakash
Number	:NA	2)THIEL Gregory
Filing Date	:NA	3)MCGOVERN Ronan
(62) Divisional to Application Number	:NA	4)LIENHARD John
Filing Date	:NA	5)ELSHARQAWY Mostafa
1 ming 2 mit		

(54) Title of the invention : BUBBLE COLUMN VAPOR MIXTURE CONDENSER

(57) Abstract :

In a bubble column vapor mixture condenser a fluid source supplies a carrier gas stream including a condensable fluid in vapor phase. The condensable fluid in liquid form is contained as a bath in a chamber in each stage of the condenser and the carrier gas is bubbled through the bath to condense the fluid into the bath. Energy from condensation is recovered to a coolant in a conduit that passes through the liquid in the stages of the condenser. The bubble column vapor mixture condenser can be used e.g. in a humidification dehumidification system for purifying a liquid such as water.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LIQUID SPRAY APPARATUS

(57) Abstract :

This liquid spray apparatus is provided with: a liquid retainer unit (31) for retaining a liquid; a vibration source (40) that comprises a front end part (41) the surface (42) of which is provided with a recess (43); and a mesh member (1) that comprises a plurality of micropores and is arranged so as to be in contact with the surface (42) of the front end part (41) of the vibration source (40). The liquid is supplied from the outside of the front end part (41) to the surface (42) of the front end part (41) and the recess (43) and the liquid supplied to the surface (42) of the front end part (41) and the recess (43) and the supplied to the vibration source (40). This liquid spray apparatus is capable of stably spraying the liquid with use of the vibration source and the mesh member.

No. of Pages : 38 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :12/04/2014

(54) Title of the invention : PROCESS FOR PRODUCING 2 3 3 3 TETRAFLUOROPROPENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C0/C1//20,C0/C1//23,C0/C21/18 :61/547219 :14/10/2011 :U.S.A. :PCT/US2012/059437 :10/10/2012	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 Columbia Road Morristown New Jersey 07962 U.S.A. (72)Name of Inventor : 1)WANG Haiyou 2)TUNG Hsueh Sung 3)MERKEL Daniel C.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ^h :NA :NA	

(57) Abstract :

The present invention relates in part to the discovery that the presence of impurities in a reactor for dehydrochlorinating HCFC 244bb to HFO 1234yf results in a reduced conversion rate and/or a selectivity changeover from HFO 1234yf to HCFO 1233xf. By substantially removing such impurities it is shown that the conversion rate may be improved and selectivity to HFO 1234yf via dehydrochlorination of HCFC 244bb is also improved.

No. of Pages : 30 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F26B5/06 :11008058.7 :05/10/2011 :EPO :PCT/EP2012/004167 :04/10/2012 :WO 2013/050161 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANOFI PASTEUR SA Address of Applicant :2 avenue Pont Pasteur F 69007 Lyon France (72)Name of Inventor : 1)PLITZKO Matthias 2)STRUSCHKA Manfred 3)GEBHARD Thomas 4)LUY Bernhard
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(54) Title of the invention : A PROCESS LINE FOR THE PRODUCTION OF FREEZE DRIED PARTICLES

(57) Abstract :

A process line for the production of freeze dried particles under closed conditions is provided the process line comprising a freeze dryer (100) for the bulkware production of freeze dried particles under closed conditions the freeze dryer (100) comprising a rotary drum (104 302) for receiving the frozen particles and a stationary vacuum chamber (102) housing the rotary drum (104 302) wherein for the production of the particles under closed conditions the vacuum chamber (102) is adapted for closed operation during processing of the particles. The drum (104 302) is in open communication with the vacuum chamber (102) and at least one transfer section (106 108) is provided for a product transfer between a separate device of the process line and the freeze dryer (100) the freeze dryer (100) and the transfer section (106 108) being separately adapted for closed operation wherein the transfer section (106 108) comprises a temperature controllable inner wall surface

No. of Pages : 50 No. of Claims : 8

(21) Application No.3095/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOBILE SUPPORT FOR EXAMINATION OF A WALL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	a:F17C13/12,G01M3/18,G01M3/38 :1159578 :21/10/2011 :France :PCT/FR2012/052267 :05/10/2012 :WO 2013/057410	 1)GAZTRANSPORT ET TECHNIGAZ Address of Applicant :1 route de Versailles F 78470 Saint Remy Les Chevreuse France (72)Name of Inventor : CLEMONT Romain DELETRE Bruno GLORY Julien
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)HASSLER David

(57) Abstract :

A mobile support for an instrument (21) for the precise examination of a fixed element (22) comprising: a main stand (11) which supports said instrument and which is subject to a vertical motive force a secondary stand (12) to which a plurality of flexible mechanical links (17) is connected to exert a holding force holding the support in balance against the vertical driving force and a cardan or pivot joint (13) linking the main stand (11) to the secondary stand (12). Application of same to the examination of a wall.

No. of Pages : 32 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ADAPTIVE TRANSFORM METHOD BASED ON IN SCREEN PREDICTION AND APPARATUS USING THE METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1020110106048 :17/10/2011 :Republic of Korea	 (71)Name of Applicant : 1)KT CORPORATION Address of Applicant :90 Buljeong ro Bundang gu Seongnam city Kyeonggi do 463 711 Republic of Korea (72)Name of Inventor : 1)LEE Bae Keun 2)KWON Jae Cheol 3)KIM Joo Young
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(57) Abstract :

Disclosed is an adaptive transform method based on an in screen prediction and an apparatus using the method. A method for encoding an image can comprise a step of determining in screen prediction mode groups and a step of transforming by using a different transform method according to the in screen prediction mode group. As a result transforming can be performed by applying the different transform method according to the in screen prediction mode group.

No. of Pages : 50 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INK SETS F	OR INK JET PRINTING	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B41J2/175,C09D11/02 :NA :NA :NA :PCT/US2011/058268 :28/10/2011 :WO 2013/062573 :NA :NA	 (71)Name of Applicant : 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive West Houston Texas 77070 U.S.A. (72)Name of Inventor : 1)SARKISIAN George 2)PRASAD Keshava A. 3)GARDNER John Morrow 4)YOLEMI Tayo Olu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure is drawn to ink jet ink sets as well as related systems and methods. In one example an ink set for ink jet printing can comprise a cyan ink jet ink including from about 2 wt% to about 5 wt% of a cyan pigment admixed in a first ink vehicle; a magenta ink jet ink including a magenta colorant comprising from about 2 wt% to about 5 wt% of a magenta pigment and about 0.1 wt% to about 1 wt% of a slightly soluble magenta dye admixed in a second ink vehicle; and a yellow ink jet ink including from about 2 wt% to about 5 wt% of a yellow pigment admixed in a third ink vehicle.

No. of Pages : 22 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61B13/00	(71)Name of Applicant :
(31) Priority Document No	:61/521405	1)OHIO UNIVERSITY
(32) Priority Date	:09/08/2011	Address of Applicant :101 Research And Technology Center
(33) Name of priority country	:U.S.A.	Athens OH 45701 U.S.A.
(86) International Application No	:PCT/US2012/050139	(72)Name of Inventor :
Filing Date	:09/08/2012	1)HALLOWELL Brooke
(87) International Publication No	:WO 2013/023056	2)CHAPMAN Laura Roche
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PUPILLOMETRIC ASSESSMENT OF LANGUAGE COMPREHENSION

(57) Abstract :

The present invention is a method for assessing a patient s linguistic comprehension using a pupil response system comprising at least one pupillometer configured to measure the patient s pupil responses. The method includes (a) providing the patient with a list of verbal stimuli comprising at least two sets of verbal stimuli each set of verbal stimuli comprising one or more verbal stimuli; wherein the two sets of the verbal stimuli differ substantially from each other in terms of the difficulty level; (b) presenting to the patient one verbal stimulus at a time from the list of verbal stimuli; (c) measuring and recording the patient s pupil response data for a period of time ranging from 200 milliseconds to 10 seconds during the presentation of each stimulus; and (d) analyzing the pupil response data to assess the patient s linguistic comprehension.

No. of Pages : 85 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CATALYTIC SYSTEM AND PROCESS FOR THE TOTAL HYDROCONVERSION OF HEAVY OILS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/EP2012/067412 :06/09/2012 :WO 2013/034642 :NA :NA	 (71)Name of Applicant : 1)ENI S.P.A. Address of Applicant :Piazzale E. Mattei 1 I 00144 Roma Italy (72)Name of Inventor : 1)MOLINARI Daniele 2)BELLUSSI Giuseppe 3)LANDONI Alberto 4)POLLESEL Paolo
Number Filing Date	:NA :NA	

(57) Abstract :

A catalytic system characterized in that it comprises: a first catalyst having a hydrogenating function consisting of solid particles of which at least 95% by volume having an equivalent diameter smaller than 20 μ m containing one or more sulfides of metals of group VI and/or VIII B possibly prepared starting from an oil soluble precursor of the same; and a second catalyst having a cracking function consisting of solid particles of which at least 90% by volume having an equivalent diameter larger than 5 μ m and smaller than 5 mm containing an amorphous silico aluminate and/or a crystalline silico aluminate and/or an alumina the equivalent average diameter of the solid particles of the second catalyst being greater than the equivalent average diameter of the solid particles of the sust in a process for the hydroconversion of heavy oils which comprises sending the heavy oil to a hydroprocessing step carried out in one or more slurry reactors in the presence of hydrogen or a mixture of hydrogen and HS obtaining a stream of products in vapour or liquid vapour phase and extracting at the bottom in continuous or discontinuous a liquid stream containing non converted products together with the two catalysts of said catalytic system said liquid stream extracted then being separated into a clarified primary stream containing the first catalyst which is at least partially recycled to the hydroprocessing step and a stream rich in the second catalyst which is regenerated in a regeneration step and at least partially recycled to the hydroprocessing step.

No. of Pages : 42 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C10M133/44 :61/552122 :27/10/2011 :U.S.A. :PCT/US2012/061271 :22/10/2012	 (71)Name of Applicant : 1)THE LUBRIZOL CORPORATION Address of Applicant :29400 Lakeland Blvd. Wickliffe Ohio 44092 2298 U.S.A. (72)Name of Inventor : 1)VINCI James N.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/062890 :NA :NA :NA :NA	

(54) Title of the invention : LUBRICANTS WITH IMPROVED SEAL COMPATIBILITY

(57) Abstract :

The present invention relates to industrial gear lubricating compositions that include a specific class of substituted triazoles where the substituted triazole includes at least one hydrocarbyl group linked to one of the nitrogen atoms in the triazole ring. Such compositions provide surprisingly good seal compatibility compared to compositions with other triazoles and/or alternative additives.

No. of Pages : 29 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(51) International classification :H01H51/04,F02N11/00 (71)Name of Applicant : (31) Priority Document No 1)BOSCH AUTOMOTIVE PRODUCTS (CHANGSHA) :201110349277.1 (32) Priority Date :03/11/2011 CO. LTD. (33) Name of priority country :China Address of Applicant :No.26 Lixiang Road (M). Xingsha (86) International Application No :PCT/CN2012/084094 Changsha Hunan 410100 China 2)ROBERT BOSCH GMBH Filing Date :05/11/2012 (87) International Publication No :WO 2013/064123 (72)Name of Inventor : (61) Patent of Addition to Application **1)CHEN Jiming** :NA Number 2)BORES Javier :NA Filing Date **3)RENTSCHLER Simon** (62) Divisional to Application Number :NA **4)CHEN Guojun** Filing Date :NA

(54) Title of the invention : SOLENOID SWITCH AND STARTER MOTOR COMPRISING THE SAME

(57) Abstract :

A solenoid switch (1) for a starter motor comprises a sleeve member (11) for coupling adjacent end portions of a pushing rod (9) for moving a movable core (8) and a plunger (2) for moving a contact member (3). At least one end portion of the sleeve element is provided with at least two slots (112) by which at least two flexible arms (113) are formed in the sleeve member. A first engaging means (114 114) and a second engaging means (115 115) which are formed in the two flexible arms of the sleeve element are engaged with the adjacent end portions of the pushing rod and the plunger respectively. In the solenoid switch the plunger and the pushing rod can be firmly coupled together and the contact welding can be effectively avoided.

No. of Pages : 23 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CATHETER WITH PARTIALLY SLITTED INSERTION AID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61M25/00,A61M25/01,A61M25/06 :12158070.8 :05/03/2012 :EPO	 (71)Name of Applicant : 1)DENTSPLY IH AB Address of Applicant :Aminogatan 1 S 431 21 Mlndal Sweden (72)Name of Inventor : 1)GUSTAVSSON Evelina
(86) International Application No Filing Date	:PCT/EP2013/053064 :15/02/2013	
(87) International Publication No	:WO 2013/131732	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A tubular insertion aid for catheter manipulation is disclosed. The insertion aid is particularly suited for urinary catheters such as hydrophilic urinary catheters for intermittent use. The insertion aid comprises a forward opening (10) a rearward opening (11) and a slit (12) opening extending along a part of the sidewall of the tubular insertion aid so that a first portion (1A) of the tubular insertion aid in the axial direction forms a solid circumference around the tubular insertion aid and a second portion (IB) in the axial direction is provided with the slit opening extending in an axial direction of the tubular insertion aid. The tubular insertion aid further comprises a first inward protrusion (14) formed on the interior side of the tubular insertion aid in a part of the second portion being provided with the slit wherein the first inward protrusion is arranged along a first protrusion line extending along the inward circumference of the tubular insertion aid essentially perpendicularly to the axial direction of the tubular insertion aid.

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

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:2011142853 :25/10/2011 :Russia	 (71)Name of Applicant : 1)KULAKOVSKY Aleksandr Aleksandrovich Address of Applicant :Arkhangelsky pereulok 7/1 15 Moscow 101000 Russia (72)Name of Inventor :
Filing Date (87) International Publication No	:18/11/2011 :WO 2013/062436	1)KULAKOVSKY Aleksandr Aleksandrovich
(61) Patent of Addition to Application Number Filing Date	:WO 2015/062436 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DEVICE FOR APPLYING A COATING TO AN ELONGATE ARTICLE

(57) Abstract :

The device for applying a coating to an elongate article comprises a bath containing a melt and a coating application chamber having an inlet channel and an intake channel which is submerged in the bath containing a melt wherein the coating application chamber and the bath containing a melt are equipped with means for generating a vacuum and excess pressure respectively therein above the surface of the melt. In order to make the device easier to use and maintain and in order to ensure the continuous operation thereof without stoppages for the reloading of the bath and to ensure safety during the reloading of the bath with melt in the device for applying a coating to an elongate article the bath containing a melt and the coating application chamber are located next to one another and are connected by an inclined intake channel thus forming communicating vessels and the bath containing a melt is provided with a feed channel for the loading of a melt or of a metal in a solid state said feed channel being in the form of a channel which widens towards the top and opens into the upper part of the bath containing a melt.

No. of Pages : 12 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DETECTION OF AEROSOL FORMING SUBSTRATE IN AN AEROSOL GENERATING DEVICE (51) International classification :A24F47/00 (71)Name of Applicant : (31) Priority Document No **1)PHILIP MORRIS PRODUCTS S.A.** :11196227.0 (32) Priority Date Address of Applicant : Quai Jeanrenaud 3 CH 2000 Neuchatel :30/12/2011 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2012/077063 (72)Name of Inventor : Filing Date :28/12/2012 1)TALON Pascal (87) International Publication No :WO 2013/098396 (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

There is provided an aerosol generating device comprising: a heater element (20) configured to heat an aerosol forming substrate (2); a power source (40) connected to the heater element; and a controller (30) connected to the heater element and to the power source wherein the controller is configured to control the power supplied to the heater element from the power source to maintain the temperature of the heater element at a target temperature and is configured to compare a measure of power supplied to the heater element from the power source to a threshold measure of power or energy to detect the presence of an aerosol forming substrate close to the heater element or a material property of an aerosol forming substrate close to the heater element.

No. of Pages : 22 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TAPE SEWING METHOD AND DEVICE AND BODY SETTING METHOD AND DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011220064 :04/10/2011 :Japan :PCT/JP2012/075718 :03/10/2012 :WO 2013/051630 :NA :NA	 (71)Name of Applicant : 1)JUKI CORPORATION Address of Applicant :11 1 Tsurumaki 2 chome Tama shi Tokyo 2068551 Japan (72)Name of Inventor : 1)HASHIGUCHI Shunichi 2)SAKAI Katsuaki 3)YAMAGISHI Masanori 4)KONDOU Kouichi 5)KATOU Shigeki
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(57) Abstract :

In the tape sewing method first only the shoe size is read from a bar code and a tape width is selected. A tape (T) of the selected width is set in a tape supplying device (3). Distinctions between the left and the right and the inside and the outside of a body which is set on a table (1) are determined using a body sensor. A tape length and sewing pattern corresponding to the determined body are selected. Tape (T) of the selected length is supplied to the body by the tape supplying device (3) and the tape (T) is sewn onto the body using a sewing machine (2) based on the selected sewing pattern.

No. of Pages : 152 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HPV CHIMAERIC PARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12N15/37,A61K39/295,C12N15/62 :2011/08841 :01/12/2011 :South Africa :PCT/IB2012/056912 :03/12/2012 :WO 2013/080187 :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF CAPE TOWN Address of Applicant :Lovers Walk Rondebosch 7701 Cape Town South Africa (72)Name of Inventor : 1)RYBICKI Edward Peter 2)HITZEROTH Inga Isabel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a chimaeric human papillomavirus (HPV) virus like particle (VLP) having a diameter of about 30nm. The invention further relates to methods of treatment and/or prophylaxis of HPV infection and/or cervical cancer by administration of the chimaeric HPV VLP of the invention to a subject.

No. of Pages : 112 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(51) International (71)Name of Applicant : :B05B11/02,A61M11/00,A61M15/00 1)CONSORT MEDICAL PLC classification (31) Priority Document No :1117518.9 Address of Applicant :Ground Floor Suite D Breakspear Park Breakspear Way Hemel Hempstead Hertfordshire HP2 4TZ U.K. (32) Priority Date :11/10/2011 (72)Name of Inventor: (33) Name of priority :U.K. 1)ALLSOP Paul country (86) International :PCT/GB2012/000778 Application No :10/10/2012 Filing Date (87) International :WO 2013/054076 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(54) Title of the invention : FLUID DELIVERY DEVICE

(57) Abstract :

A fluid delivery device (1) for discharging a fluid comprises a housing (2 3) piston pump (4) biasing mechanism (5 101) and trigger mechanism (6); the housing (2 3) comprising a basal end (3) and discharge end (2) having an outlet (10) for discharging the fluid; the piston pump (4) comprising a casing (20) defining a pump chamber (35) for fluid storage piston (21) slidably movable relative to the pump chamber (35) piston plunger (22) and delivery channel (59) for delivering fluid discharged from pump chamber (35) to outlet (10); the trigger mechanism (6) being movable from cocked configuration preventing transfer of biasing mechanism (5 101) force to the casing (20) to prevent casing (20) movement towards the outlet (10) to triggered configuration enabling transfer of biasing mechanism (5 101) force to the casing (20) to cause casing (20) movement towards the outlet (10) to discharge fluid from the pump chamber (35). The biasing mechanism (5 101) comprises one or more flexible catch members (104) which in cocked configuration are catched and in triggered configuration are decoupled from the housing (2 3). The trigger mechanism (6) comprises a manually movable button (100) at the housing basal end (3)comprising an obstructer (114) that in cocked configuration engages the catch members (104) to prevent decoupling.

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

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING AN INSTANT MESSAGING SERVICE

(51) International classification	:H04W4/12	(71)Name of Applicant :
(31) Priority Document No	:1020110103752	1)KAKAO CORP.
(32) Priority Date	:11/10/2011	Address of Applicant :6F Elentec dong Pangyo Venture Valley
(33) Name of priority country	:Republic of Korea	2 cha 17 Pangyo ro 228beon gil Bundang gu Seongnam si
(86) International Application No	:PCT/KR2012/008267	Gyeonggi do 463 400 Republic of Korea
Filing Date	:11/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/055125	1)VAN Seung Hwan
(61) Patent of Addition to Application	:NA	2)HAN Ka Ram
Number		3)KIM Yong Hyun
Filing Date	:NA	4)CHANG Sung Hwan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

The present invention relates to a technology for enabling users to send and receive chatting messages through a message server. More particularly according to an embodiment of the present invention a user may transceive a chatting message to/from a first type of friend and may unilaterally receive a chatting message from a second type of friend. Thus the user may receive various chatting messages from business entities that support the second type of friend.

No. of Pages : 47 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A24F47/00	(71)Name of Applicant :
(31) Priority Document No	:11196240.3	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:30/12/2011	Address of Applicant : Quai Jeanrenaud 3 CH 2000 Neuchatel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/077064	(72)Name of Inventor :
Filing Date	:28/12/2012	1)TALON Pascal
(87) International Publication No	:WO 2013/098397	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : AEROSOL GENERATING DEVICE WITH AIR FLOW DETECTION

(57) Abstract :

There is provided an aerosol generating device configured for user inhalation of a generated aerosol the device comprising a heater element (20) configured to heat an aerosol forming substrate (2) a power source (40) connected to the heater element and a controller (30) connected to the heater element and to the power source wherein the controller is configured to control the power supplied to the heater element from the power source to maintain the temperature of the heater element at a target temperature and is configured to monitor changes in the temperature of the heater element or changes in the power supplied to the heater element to detect a change in air flow past the heater element indicative of a user inhalation. The controller may determine when a user has inhaled and may use this for dynamic control of the device as well as provide user inhalation data for subsequent analysis.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VARIABLE FLOW RESISTANCE FOR USE WITH A SUBTERRANEAN WELL :E21B43/12,E21B34/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HALLIBURTON ENERGY SERVICES INC. :NA (32) Priority Date Address of Applicant :10200 Bellaire Boulevard Houston TX :NA (33) Name of priority country 77072 U.S.A. :NA (86) International Application No (72)Name of Inventor: :PCT/US2011/059530 Filing Date :07/11/2011 1)DYKSTRA Jason D. (87) International Publication No :WO 2013/070181 2)FRIPP Michael L. (61) Patent of Addition to Application **3)ZHAO Liang** :NA Number **4)FELTEN Frederic** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A variable flow resistance system for use with a subterranean well can include a structure which displaces in response to a flow of a fluid composition whereby a resistance to the flow of the fluid composition changes in response to a change in a ratio of desired to undesired fluid in the fluid composition. Another system can include a structure which rotates in response to flow of a fluid composition and a fluid switch which deflects the fluid composition relative to at least two flow paths. A method of variably resisting flow in a subterranean well can include a structure displacing in response to a flow of a fluid composition and a resistance to the flow of the fluid composition changing in response to a ratio of desired to undesired fluid in the fluid composition changing. Swellable materials and airfoils may be used in variable flow resistance systems.

No. of Pages : 58 No. of Claims : 66

(22) Date of filing of Application :18/04/2014

(54) Title of the invention : AN INK COMPOSITION

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C09D11/00,B41J2/175 :NA :NA :NA :PCT/US2011/057665 :25/10/2011 :WO 2013/062529 :NA :NA :NA	 (71)Name of Applicant : 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor : 1)PRASAD Keshava A. 2)CHEN Xiaohe 3)KHORRAMI Fereshteh 4)TSAO Yi Hua 5)GUO Dennis Z.
(62) Divisional to Application Number Filing Date	:NA :NA	5)GUO Dennis Z.

(57) Abstract :

An ink composition is disclosed herein. The ink composition includes from about 5 wt% to about 25 wt% of a co solvent; from about 0.025 wt% to about 0.2 wt% of i) a chelating agent represented by formula 1 wherein R is a carboxylic acid functional group or a carboxylate salt functional group and n > 2; ii) a chelating agent represented by formula 2: wherein R is a carboxylic acid functional group or a carboxylate salt functional group m is greater than or equal to 1 x is greater than or equal to 2 y is greater than or equal to 1 and z is greater than or equal to 2; iii) a chelating agent represented by formula 3 wherein any of r s t or u is a sulfonic acid functional group; or iv) combinations of any of i ii and iii. The ink composition also includes a balance of water.

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

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:13/248962	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:29/09/2011	Address of Applicant : P.O. Box 8102 Reno Nevada 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/058083	(72)Name of Inventor :
Filing Date	:28/09/2012	1)ROTH Gregory B.
(87) International Publication No	:WO 2013/049689	2)BEHM Bradley Jeffery
(61) Patent of Addition to Application	:NA	3)CRAHEN Eric D.
Number	:NA	4)ILAC Cristian M.
Filing Date	.INA	5)FITCH Nathan R.
(62) Divisional to Application Number	:NA	6)BRANDWINE Eric Jason
Filing Date	:NA	7)ONEILL Kevin Ross

(54) Title of the invention : PARAMETER BASED KEY DERIVATION

(57) Abstract :

Systems and methods for authentication generate keys from secret credentials shared between authenticating parties and authenticators. Generation of the keys may involve utilizing specialized information that as a result of being used to generate the keys renders the generated keys usable for a smaller scope of uses than the secret credential. Further key generation may involve multiple invocations of a function where each of at least a subset of the invocations of the function results in a key that has a smaller scope of permissible use than a key produced from a previous invocation of the function. Generated keys may be used as signing keys to sign messages. One or more actions may be taken depending on whether a message and/or the manner in which the message was submitted complies with restrictions of the key s use.

No. of Pages : 76 No. of Claims : 29

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : MAINTAINABLE CFL		
(51) International classification		(71)Name of Applicant :
(31) Priority Document No(32) Priority Date	:NA :NA	1)FEROOZ Address of Applicant :TIKEN BATPORA PULWAMMA J &
(33) Name of priority country(86) International Application No	:NA :NA	K INDIA 122301 Jammu & Kashmir India 2)AHMAD WANI
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor :1)FEROOZ
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)AHMAD WANI
(62) Divisional to Application Number Filing Date	:NA :NA	
		1

(57) Abstract :

For lightening purpose people use different kinds of lamps like imcandescent lamps, tube lights and CFL. The problem with incandescent lamps is that, they are power consuming, and that with the CFLs is that their cost is very high and are use and throw. The invention of MCFL can solve the problem. This lamp can be maintained and its maintenance cost will be very less. There is no MCFL in the market. In MCFL there are two parts; electronic ballast fitted in a casing and tube. Either of the two parts can be replaced on defect. There is no need to buy a new complete lamp. These lamps have different dedigns and wattages. Its maintenance cost and negative impact on environment will be very less. So for benefits to society are concened, it is a great invention.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(51) International classification :F25D3/02 (71)Name of Applicant : (31) Priority Document No **1)THE DELFIELD COMPANY LLC** :61/544229 (32) Priority Date Address of Applicant :980 South Isabella Road Mount :06/10/2011 Pleasant MI 48858 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/058925 (72)Name of Inventor : Filing Date :05/10/2012 **1)WING Harry Edward** (87) International Publication No :WO 2013/052782 2)LUNDBERG Kenneth Lee 3)WALKER Darrel Jay (61) Patent of Addition to Application :NA Number **4)KRCHMAR Travis James** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A METHOD AND SYSTEM FOR A BEVERAGE DISPENSING ASSEMBLY

(57) Abstract :

An ice portion control module is provided that includes an ice bin for storing ice having a base in the ice bin having one or more portion control compartments and one or more magnets associated with the one or more portion control compartments the one or more portion control compartments having an interior volume to hold a predetermined portion of the ice an actuator which moves the one or more portion control compartments between a fill position wherein the one or more portion control compartments holds the ice and a dispense position wherein the predetermined portion of the ice is dispensed out of the one or more portion control compartments and a sensor outside of the ice bin that detects the one or more magnets.

No. of Pages : 52 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MUXPONDER AND METHOD OF CONVERTING A PLURALITY OF TRIBUTARY OPTICAL COMMUNICATIONS SIGNALS HAVING A FIRST BIT RATE INTO AN OPTICAL LINE SIGNAL HAVING A SECOND HIGHER BIT RATE

(31) Priority Document No:NA(32) Priority Date:NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)CAVALIERE Fabio 2)POTI Luca 3)MELONI Gianluca 4)SECONDINI Marco
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(57) Abstract :

A muxponder (10) comprising: modulation format conversion apparatus (12) comprising: first and second inputs (14, 16) each arranged to receive an amplitude modulated tributary optical signal (18, 20) carrying a communications traffic bit stream; first and second optical to electrical signal conversion apparatus (22, 24) each arranged to receive a respective tributary optical signal and to convert it into a corresponding tributary electrical signal (26, 28) carrying the communications traffic bit stream; a delay element (30) arranged to synchronise the communications traffic bit streams; and an optical IQ modulator (34) arranged to receive an optical carrier signal (36) and the tributary electrical signals. The optical IQ modulator having an in phase arm and a quadrature arm each arm being arranged to receive one of the tributary electrical signals such that each tributary electrical signal drives the respective arm of the optical IQ modulator to encode the communications traffic bit streams onto the optical carrier signal in a multilevel modulation format.

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

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : STATIC ELECTRICITY DISSIPATION DRAIN AND STANDOFFS FOR BY PASS CONDUCTORS OF FLOATING ROOF TANKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H05F3/00 :61/550,001 :21/10/2011 :U.S.A. :PCT/US2012/061398 :22/10/2012 :WO 2013/130135 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LIGHTNING MASTER CORPORATION Address of Applicant :1770 Calumet Street Clearwater FL 33765 U.S.A. (72)Name of Inventor : 1)KAISER Bruce A. 2)OLDHAM James R. 3)BATTLE John R.
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(57) Abstract :

Tank bonding system for tank battery and dissipater used with a storage vessel including an electrically conductive base member electrically connected to ground; a flexible conductive medium with an upper end and a lower end and a plurality of fine electrically conductive metal wires each having a proximal end and a terminal end, the proximal ends of which are intertwined with said flexible conductive medium to be in electrical connection with said electrical conductive medium, said upper end of said flexible conductive medium electrically connected with said electrically conductive base member; and a plurality of static drains located proximate to the highest points of the tank battery and electrically bonded to said bonding conductor.

No. of Pages : 62 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BIDIRECTIONAL DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	NA NA PCT/US2011/063582 06/12/2011 WO 2013/085496 NA NA NA	Address of Applicant :2601 Beltine Road Carrollton TX 75006 U.S.A. (72)Name of Inventor : 1)FRIPP Michael Linley 2)DYKSTRA Jason D. 3)DEJESUS Orlando
· · ·	NA	

(57) Abstract :

A bidirectional downhole fluid flow control system is operable to control the inflow of formation fluids and the outflow of injection fluids. The system includes at least one injection flow control component and at least one production flow control component in parallel with the at least one injection flow control component. The at least one injection flow control component and the at least one production flow control component and the at least one production flow control component and the at least one production flow control component and the at least one production flow control component and the at least one production flow control component than through the at least one injection flow control component and such that production fluid flow experiences a greater flow resistance through the at least one injection flow control component than through the at least one injection flow control component than through the at least one injection flow control component than through the at least one injection flow control component.

No. of Pages : 35 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PHOTOCHROMIC MATERIALS THAT INCLUDE 6 AMINO SUBSTITUTED INDENO FUSED NAPHTHOPYRANS

(57) Abstract :

The present invention relates to photochromic materials that include certain indeno fused naphthopyrans. The indeno fused naphthopyrans have an amino group (e.g. a piperidino or morpholino group) bonded to the 6 position and hydrogen or a halo group (e.g. fluoro) bonded to the 11 position thereof. The photochromic materials of the present invention can have a closed form electromagnetic radiation absorption spectrum that is shifted to longer wavelengths (e.g. wavelengths of greater than 390 nm) relative to comparable photochromic materials. The present invention also relates to optical elements such as eyeglasses that include the photochromic materials of the present invention. Formula (I).

No. of Pages : 73 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PREPARING CYCLOPROPANE DERIVATIVES

(51) International classification:C07D321/(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCT/EP20Filing Date:10/11/2011(87) International Publication No:WO 2013/(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	1)OKAPI SCIENCES NV Address of Applicant :Ambachtenlaan 1 B 3001 Heverlee Belgium (72)Name of Inventor : 1)KISS Eleonora
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(57) Abstract :

The present invention relates to the preparation of cyclopropane derivatives in particular 2 amino 9 [[(1S 2R) 1 2 bis(hydroxymethyl) cyclopropyl] methyl] 4 8 dihydro 1 purin 6 one especially via the [(1S 7R) 4 phenyl 3 5 dioxabicyclo[5.1.0]octan 1 yl]methanol intermediate.

No. of Pages : 49 No. of Claims : 15

(21) Application No.3505/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROTECTION CONTROL SYSTEM PROTECTION CONTROL DEVICES AND MERGING UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (60) Distributed and the second s	:11/09/2012	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)OHTOMO Yu 2)ISHIBASHI Akira
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of this embodiment is to provide a protection control system protection control devices and a merging unit wherein the protection control system which uses a process bus uses a reduced amount of hardware. The protection control system in this embodiment is provided with the following: a merging unit that outputs charge amount information; a plurality of first protection control devices that each output main trip information on the basis of the charge amount information and predetermined relay characteristics; and a second protection control device that outputs FD trip information on the basis of the charge amount information. Furthermore the merging unit uses the main trip information and the FD trip information to determine whether or not to open a circuit breaker or switch installed in the power system.

No. of Pages : 51 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :01/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LED LAMP LIGHTING APPARATUS AND METHOD FOR CONTROLLING LED LAMP LIGHTING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :PCT/JP2013/061309	 (71)Name of Applicant : 1)SHINDENGEN ELECTRIC MANUFACTURING CO. LTD. Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor : 1)TAKASHIMA Toyotaka
Number Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An LED lamp lighting apparatus (100) is connected between a first power supply terminal (TS1) on the low potential side of a lamp drive power supply (10) and a second power supply terminal (TS2) on the high potential side of the lamp drive power supply and receives supply of a drive current from the lamp drive power supply (10) thereby lighting a plurality of LED lamps by means of the drive current said LED lamps being connected in series.

No. of Pages : 119 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : A NOVEL PROCESS FOR CONVERSION OF GREY ACRYLIC FIBER WASTE TO ACRYLIC POWDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA	 (71)Name of Applicant : 1)OMID ADAB Address of Applicant :263, BHARAT APARTMENTS, SECTOR 13, ROHINI, DELHI - 110085 Delhi India 2)ABBAS ADAB (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract :

The invention discloses a novel process for conversion of grey acrylic fiber waste to acrylic powder comprising of the steps of (a) dissolving the acrylic wastes in solvents such as N,N-dimethylformamide (DMF), dimethyl sulfoxide (DMSO), dimethylacetamide (DMAc), aqueous solution of sodium thiocyanate (NaSCN)) but not limited to above mentioned solvents in the concentration of 1-25% and temperature of not more than 90°C; (b) filtration through any coarse filter media to remove any un-dissolved and other impurities before precipitation; (c) precipitation of acrylic polymer from the solution using any commercially available primary, secondary- and tertiary alcohols in the ratio of 1:1 to 1:10 volume by volume of polymer solution and alcohols; (d) vacuum filtration to remove the solvents mixture; (e) dispersing the polymer in hot/cold DM water in the ratio of 1:5 to 1:20 weight by volume to remove residual solvents; (e) palletizing the wet precipitate before drying or directly drying the polymer at elevated temperature to remove moisture; (f) pulverizing the dried polymer and sieving to obtain fine acrylic powder; (g) recovering the used solvents by distillation process.

No. of Pages : 10 No. of Claims : 8

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS AND METHOD FOR ROUNDING A FLOATING POINT VALUE TO AN INTEGRAL FLOATING POINT VALUE

(57) Abstract :

Processing circuitry is provided to perform an operation FRINT for rounding a floating point value to an integral floating point value. Control circuitry controls the processing circuitry to perform the FRINT operation in response to an FRINT instruction. The processing circuitry includes shifting circuitry for generating a rounding value by shifting a base value adding circuitry for adding the rounding value to the significand of the floating point value to generate a sum value mask generating circuitry for generating a mask for clearing fractional valued bits of the sum value and masking circuitry for applying the mask to the sum value to generate the integral floating point value.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESSES FOR STARTING UP DEEP TANK ANAEROBIC FERMENTATION REACTORS FOR MAKING OXYGENATED ORGANIC COMPOUND FROM CARBON MONOXIDE AND HYDROGEN

(51) International classification	:C12P7/06,C12P7/00,C12M1/06	
(31) Priority Document No	:13/243159	1)COSKATA INC.
(32) Priority Date	:23/09/2011	Address of Applicant :4575 Weaver Parkway Suite 100
(33) Name of priority country	:U.S.A.	Warrenville IL 60555 U.S.A.
(86) International Application No	D:PCT/US2012/055584	(72)Name of Inventor :
Filing Date	:14/09/2012	1)TOBEY Richard E.
(87) International Publication No.	:WO 2013/043510	2)HICKEY Robert
(61) Patent of Addition to	:NA	3)TSAI Shih perng
Application Number		
Filing Date	:NA	
(62) Divisional to Application	. NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Processes are provided for starting up of anaerobic deep tank fermentation systems used in the anaerobic bioconversion of hydrogen and carbon monoxide in a gaseous substrate stream to oxygenated organic compounds such as ethanol. In the processes injectors using a motive liquid are used to introduce gas substrate into the deep tank fermentation reactor where at least one of: (i) adjusting the gas to liquid flow ratio through an injector (ii) changing the rate of liquid flow through an injector and (iii) adjusting the carbon monoxide mole fraction in the gas feed by admixture with at least one other gas wherein the mass transfer of carbon monoxide to an aqueous menstruum in the reactor is controlled to obtain the robust growth of the microorganism while maintaining the carbon monoxide concentration below that amount which is unduly adverse to the microorganism. In preferred aspects of the invention recycled gas from the head space of the reactor is used to modulate the supply of carbon monoxide to the aqueous menstruum.

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

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : DOWEL TAPER PROFILING MACHINE AND THE PROCESS THEREOF

(51) International classification	:D04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDEUTSCH INTERNATIONAL
(32) Priority Date	:NA	Address of Applicant :42, N.S.E.Z. NOIDA PHASE-II
(33) Name of priority country	:NA	UP.201305 INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAIN, SANDEEP
(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 generally relates to a device and its working towards taper grinding and tip making of the dowel with adjustments of tapering as required particularly for knitting needle making. Said machine is provisioned for automatic tapering and profiling of dowel particularly of wooden, plastic and acrylic dowels in a mechanical manner.

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

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF MANUFACTURING INNER RACE BY INVOLVING HOT FORGING PROCESS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	NA NA NA NA NA NA NA	 (71)Name of Applicant : 1)SHIVAM AUTOTECH LIMITED Address of Applicant :303, 3RD FLOOR, SQUARE ONE, C-2, SAKET DISTRICT CENTRE, SAKET, NEW DELHI-110017, INDIA Delhi India (72)Name of Inventor : 1)MR. NEERAJ MUNJAL
	NA NA	

(57) Abstract :

The invention relates to the method of manufacturing inner race, particularly to be used in two wheelers such as motor bikes; wherein the major structural features of the said inner race are achieved during hot forging process.

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

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF MAKING DOG HOLE IN GEAR THROUGH HOT FORGING PROCESS

(51) International classification(31) Priority Document No	:B21K :NA	(71)Name of Applicant : 1)SHIVAM AUTOTECH LIMITED
(32) Priority Date	:NA	Address of Applicant :303, 3RD FLOOR, SQUARE ONE, C-
(33) Name of priority country	:NA	2, SAKET DISTRICT CENTRE, SAKET, NEW DELHI-110017,
(86) International Application No	:NA	INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. NEERAJ MUNJAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to a new method for the manufacturing of Dog Hole, wherein the said method essentially involves Dog Hole forging steps. Therefore, Dog Hole formation is achieved by forging only, mainly using the process of hot forging.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR SELECTING METEROLOGICAL DATA FOR UPDATING AN AIRCRAFT TRAJECTORY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04N :13/027759 :15/02/2011 :U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KLOOSTER, JOEL KENNETH
(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 of selecting and storing a subset of available meteorological data (100) along a predicted trajectory (44) of an aircraft and relevant to the predicted trajectory includes determining pseudo-waypoints (70) and related meteorological data pertaining to a level segment of the trajectory (50), and selecting the meteorological data points (110) minimizing weighted fuel burn and time error pertaining to a non-level segment of the trajectory (54).

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : HSL INHIBITORS USEFUL IN THE TREATMENT OF DIABETES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 211/62 :09170071.6 :11/09/2009 :EUROPEAN UNION :PCT/EP2010/063078 :07/09/2010 :WO 2011/029808 :NA :NA :NA :NA	 (71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :GRENZACHERSTRASSE 124, CH- 4070 BASEL, SWITZERLAND. (72)Name of Inventor : 1)ACKERMANN, JEAN 2)CONTE, AURELIA 3)NEIDHART, WERNER 4)NETTEKOVEN, MATTHIAS 5)WERTHEIMER, STANLEY
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(57) Abstract :

Compounds of formula (I) as well as pharmaceutically acceptable salts thereof can be used in the form of pharmaceutical compositions, wherein A1, A2, R1, R2, R3, R4, R5 and R6 have the significance given in claim 1.

No. of Pages : 100 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : 2-AMINODIHYDRO[1,3]THIAZINES AS BACE 2 INHIBITORS FOR THE TREATMENT OF DIABETES

(51) International classification	:C07D 417/12	(71)Name of Applicant :
(31) Priority Document No	:09170126.8	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:11/09/2009	Address of Applicant :GRENZACHERSTRASSE 124, CH-
(33) Name of priority country	:EPO	4070 BASEL, SWITZERLAND.
(86) International Application No	:PCT/EP2010/063071	(72)Name of Inventor :
Filing Date	:07/09/2010	1)BEAUCHAMP, JEREMY
(87) International Publication No	:WO 2011/029803	2)BENARDEAU, AGNES
(61) Patent of Addition to Application	:NA	3)HILPERT, HANS
Number		4)MIGLIORINI, CRISTIANO
Filing Date	:NA	5)RIBOULET, WILLIAM
(62) Divisional to Application Number	:NA	6)WANG, HAIYAN
Filing Date	:NA	

(57) Abstract :

This invention relates to the use of aminodihydrothiazines of the formula wherein R1 to R3 are as defined in the description and in the claims, as well as pharmaceutically acceptable salts thereof, and pharmaceutical compositions containing them for the treatment or prevention of diabetes, particularly type 2 diabetes.

No. of Pages : 61 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :10/02/2012

(54) Title of the invention : VEHICLE CONTROL SYSTEM

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60W 30/02 :2009-189499 :18/08/2009 :Japan :PCT/IB2010/001998 :12/08/2010 :WO 2011021084 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571 JAPAN. (72)Name of Inventor : 1)NOUMURA SHIN 2)KOIBUCHI KEN 3)TAKEUCHI KEISUKE 4)TANAHASHI TOSHIO 5)HANAMURA HIROYUKI 6)TAKANAMI YOJI 7)ASAHARA NORIMI 8)ITABASHI KAIJI
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(57) Abstract :

In a vehicle control system that obtains an index based on a running condition of a vehicle and changes a running characteristic of the vehicle according to the index, includes index setting means is provided for making a change in the index in response to a change in the running condition in a direction toward crisp running of the vehicle, faster than a change in the index in response to a change in the running condition in such a direction as to reduce crispness with which the vehicle is running.

No. of Pages : 67 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR USING DIRECTING CELLS FOR SPECIFIC STEM/PROGENITOR CELL ACTIVATION AND DIFERENTIATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N 5/0789 :61/224,942 :13/07/2009 :U.S.A. :PCT/IL2010/000558 :13/07/2010 :WO 2011/007348 :NA :NA :NA	 (71)Name of Applicant : 1)BIOGENCELL, LTD. Address of Applicant :47 HERZEL STREET, 45283 HOD HASHARON, ISRAEL. (72)Name of Inventor : 1)PORAT YAEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method is provided, including obtaining a population of antigen-presenting cells, enriching a population of stem/progenitor cells within a larger population of cells, activating the population of antigen-presenting cells and, following the activating, inducing at least one process selected from the group consisting of: differentiation, expansion, activation, secretion of a molecule, and expression of a marker, by exposing the enriched stem/progenitor cell population to the population of antigen-presenting cells. Other applications are also described.

No. of Pages : 117 No. of Claims : 55

(21) Application No.1850/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RESISTIVE HEATED SURGICAL STAPLE CARTRIDGE WITH PHASE CHANGE SEALANT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61B17/072,A61B17/00 :13/230994 :13/09/2011 :U.S.A.	 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2012/054397 :10/09/2012 :WO 2013/039818 :NA :NA :NA	 (72)Name of Inventor : 1)BRUEWER Dean B. 2)KIMBALL Cory G. 3)SCHMID Katherine J. 4)SWENSGARD Brett E. 5)DAUNCH William A.

(57) Abstract :

An apparatus for endosurgical use includes an instrument having an end effector and a staple cartridge insertable into the end effector. The staple cartridge includes staples staple apertures a resistive member and a medical fluid. When coupled to a power source the medical fluid is vaporized by the resistive member and expelled out the staple apertures onto the stapled tissue. The power source may be contained within the instrument. In one configuration a resistive strip with strip contacts may electrically couple to a conductor in the end effector. The medical fluid may also be divided into a plurality of sealant pads corresponding to the staple apertures and the medical fluid may be a depolymerizable cyanoacrylate a sprayable thermoplastic urethane or any vaporizable medicament or pharmaceutical. The staple drivers may include one or more apertures to permit the medical fluid to pass through or around the staple drivers.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRINTER AND PRINTER CONTROL METHOD :B23B (71)Name of Applicant : (51) International classification 1)SEIKO EPSON CORPORATION :2011-(31) Priority Document No Address of Applicant :4-1, NISHISHINJUKU 2-CHOME, 074378 :30/03/2011 SHINJUKU-KU, TOKYO 163-0811, JAPAN. (32) Priority Date (72)Name of Inventor : (33) Name of priority country :Japan (86) International Application No :NA 1)KAWASAKI, KOJI Filing Date :NA 2)KUROTOBI, SHUHEI (87) International Publication No :NA 3)MASUDA, ICHIMI (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A printer capable of preventing clogging the printhead nozzles due to paper dust produced from sprocket holes in continuous paper, and preventing the printhead from ejecting ink droplets except on the continuous paper, has a printhead 7 that ejects ink droplets toward continuous paper 2 having sprocket holes 2a formed along both sides of the paper width; a cover member 21A that covers the edge part of the width of the continuous paper 2 where sprocket holes 2a are formed in the range of the printhead 7 in the conveyance direction of the continuous paper 2, and can move in the paper width direction; and a detection mechanism 35 that detects the position of the cover member 21A in the paper width direction.

No. of Pages : 37 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

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(51) International classification	:G09G 5/00	(71)Name of Applicant :
(31) Priority Document No	:12/544,968	1)AMAZON TECHNOLOGIES, INC.
(32) Priority Date	:20/08/2009	Address of Applicant : P.O. BOX 8102, RENO, NV 89507,
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/046108	(72)Name of Inventor :
Filing Date	:19/08/2010	1)HEBENSTREIT, JOSEPH, J.
(87) International Publication No	:WO 2011/022546	2)BABU, AMISH, RAJESH
(61) Patent of Addition to Application	:NA	
	:NA	
0	:NA	
Filing Date	:NA	
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:U.S.A. :PCT/US2010/046108 :19/08/2010 :WO 2011/022546 :NA :NA	UNITED STATES OF AMERICA (72)Name of Inventor : 1)HEBENSTREIT, JOSEPH, J.

(54) Title of the invention : AMALGAMATED DISPLAY COMPRISING DISSIMILAR DISPLAY DEVICES

(57) Abstract :

A reflective display, such as an electrophoretic display (EPD), and an emissive display, such as a backlit liquid crystal display, may be combined to form an amalgamated display. This combination may include layering one display atop the other, alternating reflective and emissive display elements, or otherwise interspersing reflective and emissive display elements with one another. Images on the amalgamated display may be presented using either reflective or emissive modes or a combination of the two, depending upon factors such as refresh rate, power consumption, presence of color and/or video, and so forth.

No. of Pages : 33 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : TREATMENT OF BRAIN METASTASES WITH INHIBITORS OF ENDOTHELIN RECEPTORS IN COMBINATION WITH A CYTOTOXIC CHEMOTHERAPY AGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/232,687 :10/08/2009 :U.S.A.	 (71)Name of Applicant : 1)BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM Address of Applicant :201 WEST 7TH STREET, AUSTIN, TEXAS 78701 U.S.A. (72)Name of Inventor : 1)FIDLER, ISAIAH, J. 2)KIM, SUN-JIN
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(57) Abstract :

The disclosure relates to an endothelin receptor antagonist for use in the prevention or treatment of brain metastases in combination with a cytotoxic chemotherapy agent, radiotherapy or both. The endothelin receptor antagonist may for example be bosentan, macitentan or a mixture of bosentan and macitentan.

No. of Pages : 57 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:B01F 3/04 :102009026376.4 :14/08/2009 :Germany :PCT/EP2010/061908 :16/08/2010 :WO 2011/018529 :NA :NA :NA	 (71)Name of Applicant : BRENSING, KARL, AUGUST Address of Applicant :RHEINSTRASSE 37, 53179 BONN GERMANY. DEDENBACH, MICHAEL (72)Name of Inventor : BRENSING, KARL, AUGUST DEDENBACH, MICHAEL 3)KLUTH, RAINER
Filing Date	:NA	

(54) Title of the invention : APPARATUS FOR INTRODUCING GAS INTO LIQUIDS

(57) Abstract :

The present invention relates to an apparatus for introducing gas into liquids in a flow tube (22), which comprises feed lines (18, 19) for the liquid to be gassified and the gas to be introduced, at least one outflow line (23) for the gas/liquid mixture, at least one return line (20) for a partial amount of the gas/liquid mixture, a gas supply device, for example in the form of an ozonizing unit (25), and a positive displacement pump (26) operating in a sucking manner being arranged in the return line (19).

No. of Pages : 27 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND ADDITIVE FOR INCREASING EARLY STRENGTH

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/EP2012/002977 :16/07/2012 :WO 2013/023730 :NA :NA	 (71)Name of Applicant : HEIDELBERGCEMENT AG Address of Applicant :Berliner Str. 6 69120 Heidelberg Germany (72)Name of Inventor : BULLERJAHN Frank SCHMITT Dirk BEN HAHA Mohsen
Number	:NA :NA	

(57) Abstract :

The invention relates to a method for accelerating the hardening of hydraulic or latent hydraulic binding agents wherein ternesite and an aluminium component are added to the binding agents. The invention also relates to an additive which increases the early strength of hydraulic or latent hydraulic binding agents containing ternesite and a non hydraulically reactive aluminium component. The invention further relates to the use of an additive comprising ternesite and to an aluminium component for accelerating the hardening of hydraulic or latent hydraulic binding agents.

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

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TERNESITE USED AS AN ADDITIVE IN PORTLAND CEMENT

(51) International classification:C04B7/32,C04B7/345,C04B28/04		(71)Name of Applicant :
(31) Priority Document No	:11006757.6	1)HEIDELBERGCEMENT AG
(32) Priority Date	:18/08/2011	Address of Applicant :Berliner Str. 6 69120 Heidelberg
(33) Name of priority country	:EPO	Germany
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2012/002974 :16/07/2012 :WO 2013/023727	 (72)Name of Inventor : 1)BULLERJAHN Frank 2)SCHMITT Dirk 3)BEN HAHA Mohsen 4)BATOG Barbara
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	5)IRBE Linda

(57) Abstract :

The invention relates to the production of a ternesite clinker having 20 100 wt. % CS\$ and less than 15 wt. % CA\$ and to the use of ternesite as an additive in Portland cement or Portland composite cement and binding agents containing 20 95 wt. % Portland cement (clinker) and 80 5 wt. % ternesite (clinker).

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

(22) Date of filing of Application :15/05/2014

(21) Application No.3921/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : GE-P CO-DOPED MULTIMODE OPTICAL FIBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G02B6/028 :13/289,021 :04/11/2011 :U.S.A. :PCT/US2012/062719 :31/10/2012	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor : 1)BOOKBINDER Dana Craig
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/066961 :NA :NA :NA :NA	2)LI Ming Jun 3)TANDON Pushkar

(57) Abstract :

According to at least one embodiment a graded index multimode fiber (10) comprises: (i) a silica based core (20) co-doped with Ge02 and 1 to 12 mole % P208 ; the core (20) having a dual alpha, a i and a 2, where $1.8 \le \alpha i \le 2.4$ and $1.9 < \alpha 2 \le 2.4$ at the wavelength (λ) range between 840 and 1100 nm; and (ii) a silica based cladding region (200) surrounding the core, wherein the o fiber has a numerical aperture NA and 0.185 < NA < 0.25 (more preferably $0.185 \le NA \le 0.23$). Preferably, the silica based cladding region (200) surrounding the core (20) has refractive index lower than that of pure silica.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : AUTOMATIC KNITTING NEEDLES SHAPING AND POINTING MACHINE

(51) International classification	:D04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDEUTSCH INTERNATIONAL
(32) Priority Date	:NA	Address of Applicant : PLOT NO. N.S.E.Z. NOIDA PHASE -
(33) Name of priority country	:NA	II (UP) 201305 INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAIN, SANDEEP
(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 related to an automatic shaping and pointing machine and the method of tapering thereof, wherein said machine is provisioned for automatic shaping and pointing of knitting needles. Said method of shaping and pointing on the proposed machine is specialized in tapering on one knitting needle in its single operation.

No. of Pages : 18 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : AUTOMATIC TAPER GRINDING MACHINE AND THE PROCESS THEREOF

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	 B (71)Name of Applicant : 1)INDEUTSCH INTERNATIONAL Address of Applicant :PLOT NO. N.S.E.Z. NOIDA PHASE - II (UP) 201305 INDIA Uttar Pradesh India (72)Name of Inventor : 1)JAIN, SANDEEP
Filing Date :NA	

(57) Abstract :

The present invention generally relates to a device and its working towards taper of the wooden sticks with adjustments of tapering as required particularly for the making of knitting needles. Said machine is provisioned for automatic taper grinding have two arrangements, in one arrangement the wooden sticks are fed manually and in other arrangement, a large number of sticks are put on a hopper and all the subsequent steps are done automatically.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING LOW CARBON SILICO MANGANESE

(51) International classification	:C22B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN TECHNO RESEARCH PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :1107, VIKRANT TOWERS, 4
(33) Name of priority country	:NA	RAJENDRA PLACE, NEW DELHI-110008 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHARMA, RAKESH
(87) International Publication No	:NA	2)GULATI, CHANDRA, RAMESH
(61) Patent of Addition to Application Number	:NA	3)GULATI, UTPAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for producing low carbon silico manganese. The method includes producing the low carbon silico manganese in an induction furnace. Additionally, the method includes separating carbon from silico manganese to obtain low carbon silico manganese.

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

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : TRANSFORMER, AMORPHOUS TRANSFORMER AND METHOD OF MANUFACTURING THE TRANSFORMER

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO.,
(32) Priority Date	030366 :16/02/2011	LTD Address of Applicant :3, KANDA NERIBEI-CHO,
(33) Name of priority country	:Japan	CHIYODA,-KU, TOKYO, JAPAN.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUBOTA KEISUKE
(87) International Publication No	:NA	2)SHIINA YOETSU
(61) Patent of Addition to Application Number	:NA	3)SHIRAHATA TOSHIKI
Filing Date	:NA	4)ONO JYUNNJI
(62) Divisional to Application Number	:NA	5)HASEGAWA TAKAAKI
Filing Date	:NA	

(57) Abstract :

A transformer wherein the upper portions of cores (32, 103) are supported by a first supporting member (16) disposed on first end surfaces of the upper portions of the cores (32, 103), and a second supporting member (17) disposed on second end surfaces of the upper portions of the cores (32, 103), the first and second supporting members (16, 17) extend in the direction perpendicular to the faces of a magnetic material, and the cores (32, 103) are interposed between the first upper core supporting member (16) and the second upper core supporting member (17); the first and second upper core supporting members (16, 17) are provided with hooks (16-1, 16-2, 16-3, 16-4, 17-1, 17-2, 17-3, 17-4), the hooks (16-1, 16-2, 16-3, 16-4) of the first supporting member (16) extending toward the second supporting member (17) and the hooks (17-1, 17-2, 17-3, 17-4) of the second supporting member (17) extending toward the first supporting member (16); bridging members (28, 29, 30, 31) are disposed on the opposing pairs (16-1 and 17-1, 16-2 and 17-2, 16-3 and 17-3, 16-4 and 17-4) of the hooks (16-1, 16-2, 16-3, 16-4, 17-1, 17-2, 17-3, 17-4) of the first and second upper core supporting members (16, 17); and the cores (32, 103) are supported by the bridging members (28, 29, 30, 31).

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

(19) INDIA

(22) Date of filing of Application :16/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING STEEL PART

(51) International classification	:C21D9/32,C21D1/06,C21D1/58	(71)Name of Applicant :
(31) Priority Document No	:2011-240003	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:01/11/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application N	o:PCT/JP2012/078125	Tokyo 1008071 Japan
Filing Date	:31/10/2012	2)HONDA MOTOR CO. LTD.
(87) International Publication No :WO 2013/065718		(72)Name of Inventor :
(61) Patent of Addition to	:NA	1)HORIMOTO Masayuki
Application Number	:NA	2)IMATAKA Hideki
Filing Date	.NA	3)NAKAOKA Masaomi
(62) Divisional to Application	:NA	4)NINOMIYA Akihito
Number	:NA	5)OKADA Yoshinari
Filing Date	.NA	

(57) Abstract :

It is possible to produce a steel part having excellent high-cycle benaing iatigue strength, low-cycle bending fatigue strength, and pitching-resistant strength but controlled fluctuation of heat treatment strain during carburizing and quenching or dur - ing carbonitriding and quenching by subjecting a steel material comprising, by mass%, 0.15 to 0.25% of C, 0.01 to 0.10% of Si, 0.50 to 0.80% of Mn, 0.003 t o 0.030% of S, 0.80 to 1.20% of Cr, 0.30 to 0.45% of Mo, 0.015 t o 0.050% of Al, 0.010 t o 0.025% of N, < 0.08% of N b as necessary, and Fe and impurities as the balance such that 1.3 < Cr/Mn < 2.4 and the P and O impurities are P < i 0.010% and O < 0.0020% to successive(1) carburizing or carbonitriding treatment while in a carburizing or carbonitriding atmo - sphere at a temperature of 850 to 1,000 °C and (2) after carburizing or carbonitriding, quenching at a temperature of 40 t o 80°C and - using a quenching oil having a dynamic viscosity at 40°C of 20 to 25 m m/s.

No. of Pages : 58 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SPRAY SYSTEM FOR PRODUCTION OF A MATRIX FORMED IN SITU

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 		 (71)Name of Applicant : 1)ETHRIS GMBH Address of Applicant :Lochhamerstrae 11 82152 Martinsried Germany (72)Name of Inventor : 1)RUDOLPH Carsten 2)ZGN Senta
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A spray system for production of a matrix which forms in situ is described this comprising at least one lipophilic component comprising at least one polymer based on glycolic acid and lactic acid and at least one biocompatible solvent having an XlogP3 value of less than 0.2 and at least one hydrophilic component the at least two components being present separately from one another prior to use and not being mixed until or in the course of spraying and the components forming a film when sprayed onto human tissue.

No. of Pages : 70 No. of Claims : 19

(21) Application No.1614/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR PROCESSING A VERY WIDE ANGLE IMAGE :H01L27/14,H04N5/335 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SMART EDGE INVESTMENTS LIMITED :HK11109422.6 (32) Priority Date Address of Applicant :21st Floor Chinachem Tower 34 37 :06/09/2011 (33) Name of priority country Connaught Road Central Hong Kong China :Hongkong(China) (86) International Application No (72)Name of Inventor: :PCT/CN2012/080885 Filing Date :31/08/2012 1)WILLIAMS Adam (87) International Publication No :WO 2013/034065 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided is an optical device such as a camera having an image sensor and a lens/mirror system or the like for capturing a very wide angle image such as a panoramic image and directing it towards a planar photo sensitive surface of the image sensor. The image sensor converts the captured image which may be a moving image into an electrical or electronic signal or signals. The image sensor has a plurality of photo sensors or pixels arranged on a photo sensitive surface thereof in a generally circular arrangement. The plurality of photo sensors or pixels is addressable or identifiable such that a window portion of a captured image can be defined by references to addresses or identifiers of respective photo sensors or pixels. The camera may form part of an integrated or distributed system including means for converting said electrical signal into digital image data and means for buffering or storing said digital image data. The system may also include input means for receiving a selection of a window portion of said very wide angle image and means for retrieving digital image data comprising said selected window portion from said buffer or storage means and transmitting said retrieved digital image data to an information processing means for display and/or further processing. An image projection system is also disclosed sharing many of the novel technical features of the camera.

No. of Pages : 57 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING HIGH CONCENTRATION AQUEOUS HF SOLUTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B7/19,B01J19/24 :13/245394 :26/09/2011 :U.S.A. :PCT/US2012/056269 :20/09/2012 :WO 2013/048859 :NA :NA :NA	 (71)Name of Applicant : HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962 2245 U.S.A. (72)Name of Inventor : CHIU Yuon HORWATH Richard Durick COTTRELL Stephen A.
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(57) Abstract :

Disclosed are methods used to remove HF from a fluorocarbon containing stream thereby forming a final aqueous HF solution having both a high HF concentration and low dissolved organic content.

No. of Pages : 13 No. of Claims : 10

(21) Application No.1815/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POWDER CLEANING DETERGENT COMPOSITION FOR CLOTHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D17/06,C11D1/14,C11D1/22 :2011209442 :26/09/2011 :Japan :PCT/JP2012/072399 :04/09/2012 :WO 2013/047103 :NA :NA :NA	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)OKADA Kyoko 2)UENO Wataru 3)YOSHIOKA Sachiko
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(57) Abstract :

The present invention is a powder cleaning detergent composition for clothing including under a specific condition (A) a surfactant including (A 1) a linear alkylbenzene sulfonate (A 2) an alkyl sulfate and (A 3) a specific nonionic surfactant; (B) a compound selected from a carbonate and an amorphous silicate; and (C) a polyvalent metal ion capturing builder selected from an aluminosilicate a crystalline silicate a phosphate and a carboxylate polymer compound.

No. of Pages : 55 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN ATOMIC LAYER DEPOSITION REACTOR FOR PROCESSING A BATCH OF SUBSTRATES AND METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA : - : :PCT/FI2011/051017 :22/11/2011 :WO 2013/076347 :NA :NA	 (71)Name of Applicant : 1)PICOSUN OY Address of Applicant :Tietotie 3 FI 02150 Espoo Finland (72)Name of Inventor : 1)LINDFORS Sven 2)SOININEN Pekka J.
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(57) Abstract :

The invention relates to a method that includes providing a reaction chamber module of an atomic layer deposition reactor for processing a batch of substrates by an atomic layer deposition process and loading the batch of substrates before processing into the reaction chamber module via a different route than the batch of substrates is unloaded after processing. The invention also relates to a corresponding apparatus.

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

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WAFER CUTTING SACRIFICIAL SUBSTRATE FOR USE IN WAFER CUTTING

(51) International classification	:B28D5/00,B23D45/04,B23D47/02	(71)Name of Applicant : 1)MEYER BURGER AG
(31) Priority Document No	:11182589.9	Address of Applicant :Schorenstrasse 39 CH 3645 Gwatt
(32) Priority Date	:23/09/2011	(Thun) Switzerland
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2012/054972 :19/09/2012	1)DE MEYER Christy 2)ZANETTI J¼rg
(87) International Publication No	:WO 2013/042055	
(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 sacrificial substrate (1) having a mounting surface (2) for holding a piece of material (3) such as an ingot brick or core for cutting a plurality of wafers from the piece of material (3) wherein the sacrificial substrate (1) has an E modulus smaller than 6000 MPa more preferably smaller than 5000 MPa most preferably smaller than 4000 MPa. The invention also relates to a method of making a plurality of wafers of a piece of material (3) such as an ingot brick or core comprising the steps of: mounting the piece of material (3) to a sacrificial substrate (1) preferably by gluing; mounting the sacrificial substrate (1) with the piece of material (3) in a cutting device; and cutting the piece of material (3) into a plurality of wafers.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS AND METHOD FOR CUTTING AND PULLING OF CASING

(51) Internationalclassification(31) Priority Document No(32) Priority Date(33) Name of priority country	:E21B31/16,E21B29/00,E21B29/08 :20111569 :15/11/2011 :Norway	 (71)Name of Applicant : 1)LEIF INVEST AS Address of Applicant :Hesjeveien 6 N 4352 Kleppe Norway (72)Name of Inventor : 1)ORSTAD Leif
(86) International Application No Filing Date	:PCT/NO2012/050217 :08/11/2012	
(87) International Publication No	:WO 2013/073949	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus (1) and method for cutting and pulling of a casing (7 7) in a well where the apparatus (1) comprises: a housing (2) connected to a wired connection (3); a cutting tool (4) arranged in connection with the housing (2) where said cutting tool (4) is rotatable around the longitudinal axis (L) of the housing (2) and arranged to be able to provide at least one cut out (8) in the wall of the casing (7) and to be able to cut the casing (77); and a holding device (5) for controlled holding of the housing (2) in the casing (7); the apparatus (1) being provided with at least one radially displaceable gripping means (6) arranged to go into engagement with the at least one cut out (8) in the wall of the casing (7); and where the method comprises the following steps: to bring the apparatus (1) down into the well; to position the apparatus (1) in order to carry out a first cut; to carry out the first cut; to position the apparatus (1) in order to carry out a second cut; to carry out the second cut; one of the first cut and the second cut; and to pull the cut casing (7) out of the well by means of the apparatus (1).

No. of Pages : 43 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : DRUG DELIVERY DEVICES AND RELATED SYSTEMS AND METHODS (51) International classification :A61M 1/34 (71)Name of Applicant : (31) Priority Document No 1)FRESENIUS MEDICAL CARE HOLDINGS, INC. :61/222,146 (32) Priority Date :01/07/2009 Address of Applicant :920 WINTER ST., WALTHAM, (33) Name of priority country MASSACHUSETTS 02451-1457, UNITED STATES OF :U.S.A. (86) International Application No :PCT/US2010/040547 AMERICA (72)Name of Inventor: Filing Date :30/06/2010 (87) International Publication No :WO 2010/002853 **1)MICHAEL JAMES BEIRIGER** (61) Patent of Addition to Application 2)RYAN KAINTZ :NA Number **3)JOHN A. BARRON** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

. A drug delivery device, comprising: a drug vial holder comprising an upper member and a lower member, the upper and lower members being configured to receive a drug vial therebetween; and a mechanism configured to move at least one of the upper and lower members relative to the other of the upper and lower members such that, when a drag vial is disposed between the upper and lower members and the at least one of the upper and lower members is moved toward the other, the drug vial is compressed between the upper and lower members.

No. of Pages : 140 No. of Claims : 183

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND DEVICE FOR A START-STOP CONTROLLER FOR AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02N 11/08 :10 2009 029 227.6 :04/09/2009 :Germany :PCT/EP2010/062661 :31/08/2010 :WO 2010/026821 :NA :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)BALASUBRAMANIAM, BALASUBRAMANIAM 2)MAHENDRA, M., P. 3)JOHN, ALEX, DCRUZ 4)UMESHA, CHANNAIAH
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(57) Abstract :

Described herein is a method for operating a start-stop controller (1) tor a start-stop operating mode of an internal combustion engine (3) in a motor vehicle (5), wherein the internal combustion engine (3) is started by means of a starter (2) fed by an electrical energy source (4). The method includes detecting an operating state of the electrical energy source (4), activating a stop release if the operating state of the electrical energy source (4) is sufficient for a start of the internal combustion engine (3) by means of the starter device (2), and measuring the operating state of the electrical energy source (4) during a starting course of the internal combustion engine (3).

No. of Pages : 20 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A COMPOSITE USING A DEGRADABLE MEMBRANE

(51) International classification	:B29C70/44,B29L31/08,B29C70/54	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT
(31) Priority Document No	:11195628.0	Address of Applicant :Wittelsbacherplatz 2 80333 M ¹ /4nchen
(32) Priority Date	:23/12/2011	Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/075321 :13/12/2012	1)GROVE NIELSEN Erik 2)KRISTENSEN Jens J, rgen ~stergaard 3)KYBELUND Peter
(87) International Publication No	:WO 2013/092359	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The invention relates to a method for manufacturing a composite comprising the steps of laying at least one reinforcement layer (2 3 4) onto the inner surface of a mould (6 6a 6b) positioning a degradable membrane (1) onto the outermost reinforcement layer (2) of the at least one reinforcement layer (2 3 4) wherein the degradable membrane (1) is made of a material having a lower air permeability than the at least one reinforcement layer (2 3 4) applying suction between the inner surface of the mould (6 6a 6b) and the degradable membrane (1) to press the at least one reinforcement layer (2 3 4) towards the inner surface of the mould (6 6a 6b) and (6 6a 6b) covering the degradable membrane (1) with at least one vacuum film (9) generating a vacuum in the region between the vacuum film (9) and the mould (6 6a 6b) injecting resin into this region by means of vacuum and letting cure the resin wherein the method comprises initiating a degradation of the degradable membrane (1) by provoking a physical or chemical change of the membrane material after having generated a vacuum in the region between the vacuum film (9) and the mould (6 6a 6b) and before the resin has cured completely.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :10/02/2012

(54) Title of the invention : TEXTILE MACHINE AND METHOD FOR THE OPERATION THEREOF

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:10 2011 005 709.9	1)RIETER INGOLSTADT GMBH Address of Applicant :FRIEDRICH-EBERT-STRASSE 84,
(32) Priority Date	:17/03/2011	85055 INGOLSTADT, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)MICHAEL STROBEL
Filing Date	:NA	2)KLAUS-UWE MOLL
(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 operating a textile machine, particularly a spinning preparation machine, preferably a drawing frame, carding machine, or comber, wherein fiber material (5) is stored into a can (8) at a defined feed rate in the region of an outlet of the textile machine by a storage device, such as a coiler plate (7). According to the invention, an electrical signal is generated during the storage of the fiber material (5) by means of a sensor (11) as soon as a contact is made between the fiber material (5) present in the can (8) and the storage device, and the feed rate of the storage device is controlled using the signal. The invention further relates to a corresponding textile machine having an outlet for a fiber material (5) and a storage device disposed in the region of the outlet, such as a coiler plate (7), for storing the fiber material (5) into at least one can (8) at a predefined feed rate, wherein the storage device according to the invention is associated with at least one sensor (11), said sensor being implemented for generating an electrical signal as soon as contact is made between the fiber material (5) present in the can (8) and the storage device, wherein the sensor (11) is connected to a controller implemented for controlling the feed rate of the storage device using the signal.

No. of Pages : 29 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : BASE STATION, COMMUNICATION SYSTEM, MOBILE TERMINAL, AND RELAY DEVICE (51) International classification :H04W 72/04 (71)Name of Applicant : (31) Priority Document No 1)SONY CORPORATION :2009-172491 (32) Priority Date :23/07/2009 Address of Applicant :1-7-1 KONAN, MINATO-KU, (33) Name of priority country TOKYO, 108-0075, JAPAN :Japan (86) International Application No :PCT/JP2010/059851 (72)Name of Inventor : Filing Date :10/06/2010 1)HIROAKI TAKANO (87) International Publication No :WO 2010/010514 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A base station is provided with an allocation unit for allocating the downlink of the relay link or the access link and the downlink of the direct link to a resource block included in a same resource block group, and allocating the uplink of the relay link or the access link and the uplink of the direct link to a resource block included in a same resource block group.

No. of Pages : 53 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C12F 3/12	(71)Name of Applicant :
(31) Priority Document No	:10 2009 025 082.4	1)BLUM, HOLGER
(32) Priority Date	:16/06/2009	Address of Applicant :HECHTSTRASSE 8B, CH-9053
(33) Name of priority country	:Germany	TEUFEN, SWITZERLAND
(86) International Application No	:PCT/EP2010/003606	(72)Name of Inventor :
Filing Date	:16/06/2010	1)BLUM, HOLGER
(87) International Publication No	:WO 2010/145810	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(54) Title of the invention : METHOD AND APPARATUS FOR CLEANING WASTEWATER

(57) Abstract :

A method for cleaning waste water is provided whereby the waste water is led through a throughput tank having filler materials to which aerobic microorganisms are adhered and wherein the throughput tank is ventilated with an oxygen containing gas. As filler materials, materials are used which have a specific weight approximately equal to the specific weight of the waste water whereby the filler materials are suspended in the waste water. The inflow of the waste water into the throughput tank and the ventilation of the throughput tank is affected from bottom of the throughput tank and in such a gas amount that the waste water and the filler bodies suspended therein are mixed and the microorganisms on the filler bodies are supplied with sufficient oxygen. The device has a throughput tank with a tank bottom, a tank wall, wherein the inflow connecting pipe and the ventilation arrangement are arranged on the tank bottom and the outflow connecting pipe is arranged at the upper area of the throughput tank.

No. of Pages : 21 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : REFRACTORY PURGING DEVICES		
(51) International classification	:B22D1/00,C21C5/48,F23D3/16	(71)Name of Applicant :
(31) Priority Document No	:11187633.0	1)VESUVIUS CRUCIBLE COMPANY
(32) Priority Date	:03/11/2011	Address of Applicant :1209 Orange Street Wilmington
(33) Name of priority country	:EPO	Delaware 19801 U.S.A.
(86) International Application N	o :PCT/EP2012/071765	(72)Name of Inventor :
Filing Date	:02/11/2012	1)ROTHFUSS Hans
(87) International Publication No.	o :WO 2013/064668	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.INA	

(57) Abstract :

The present invention concerns a device (1) for example a gas purging plug for blowing gas into a metallurgical vessel comprising (a) a body (2) extending along a central axis (X1) comprising (b) at least one gas flow channel (3) fluidly connecting a gas inlet (3a) located at one end of said body to a gas outlet (3b) located at the opposite end along said axis said channel (3) being in the shape of a slit defined by a first and second opposed surfaces. The device (1) according to the invention is characterized in that (c) the at least one gas channel (3) comprises a series of continuous concave bridges (4) connecting the first and second opposing surfaces defining the channel with their concave side (4a) oriented towards the gas outlet (3b) wherein said concave bridges (4) are disposed in a staggered arrangement such that any first shortest line running from the gas outlet (3b) to the gas inlet (3a) of the channel necessarily intercepts the concave side (4a) of at least one first bridge (41). The device (1) according to the invention permits to prevent clogging of device by infiltrated molten metal or slag.

No. of Pages : 24 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS OF TREATMENT USING MODULATORS OF SIRT2

(57) Abstract :

The instant application describes novel compounds that modulate (in particular inhibit) Sirt2 with structures according to Formulas (1) and (2) provided herein. The invention is also directed to pharmaceutical compositions thereof methods of treatment (i.e. cancer and neurodegenerative disease) by administration of the modulating compounds assay methods for finding modulators of Sirt2 and kits for practicing the assay method.

No. of Pages : 48 No. of Claims : 28

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITE DYE SPRIN	G	
 (54) Title of the invention : COMPOSITE DYE SPRING (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		 (71)Name of Applicant : 1)Guglani Atul Address of Applicant :House No 739, Sector 14, Gurgaon, Haryana, India (72)Name of Inventor : 1)Guglani Atul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The composite dye spring with polymer end caps comprise a dye spring having a top end and a bottom end wherein the top end of dye spring is secured with a top end cap and bottom end is secured with a bottom end cap. The top and bottom end caps substantially improve the performance of dye spring by allowing running of dye packages on high speed modern machines without causing damages to the drum and dye springs. End caps have interlocking mechanism which allows stacking and interlocking of dye packages on top of each other and also tightly seal the ends of dye packages to prevent leakage in between two dye packages. Slip clips provided on the lacing of the dye spring prevent slippage of yarn at the extreme ends of the dye spring and reduce the waste accumulation in yarn dyeing.

No. of Pages : 23 No. of Claims : 17

		(21) Application No.438/DELNP/2012 A
(19) INDIA		(12) Publication Data : $15/05/2015$
(22) Date of filing of Application :16/01/2	012	(43) Publication Date : 15/05/2015
(54) Title of the invention : HEAT RESIS PROCESSES FOR THEIR PREPARATIO		IC POLYAMIDE COMPOSITE STRUCTURES AND
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08J 5/10 :61/229,807 :30/07/2009 :U.S.A. :PCT/US2010/043901 :30/07/2010 :WO 2010/014770 :NA :NA :NA :NA	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A (72)Name of Inventor : 1)WAKEMAN, MARTYN DOUGLAS 2)KIRCHNER, OLAF NORBERT 3)YUAN, SHENGMEI

(57) Abstract :

The present invention relates to the field of composite structures and processes for making them, particularly it relates to the field of heat resistant polyamide composite structures. The composite structure has a surface having at least a portion made of a surface resin composition and comprises a fibrous material selected from non-woven structures, textiles, fibrous battings and combinations thereof, which is impregnated with a matrix resin composition. The surface resin composition and the matrix resin composition are made of a polyamide composition comprising a) one or more polyamide resins selected from semi-aromatic polyamide resins and b) one or more polyhydric alcohols having more than two hydroxyl groups.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PUMP IN PARTICULAR HIGH PRESSURE FUEL PUMP FOR A FUEL INJECTION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:F02M55/00,F02M37/00,F02M59/10 :10 2011 089 409.8 :21/12/2011 :Germany :PCT/EP2012/076387 :20/12/2012 :WO 2013/092865 :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : LUCARELLI Francesco KOENIG Thomas
Application Number Filing Date	:NA :NA	

(57) Abstract :

The pump has a pump housing (22 40) wherein at least one connector stub for a feed line (48) and/or a return line (50) of medium to and from the pump is arranged on the pump housing (40). The connector stub (46) is fastened in a receptacle (52) of the pump housing (40). The at least one connector stub (46) has a region (58) in the longitudinal extent thereof which region (58) can be deformed permanently in order to make different lengths and/or orientations of the connector stub (46) possible when the connector stub (46) is fastened in the receptacle (52).

No. of Pages : 10 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :18/04/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/249054	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:29/09/2011	Address of Applicant : P.O. Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/057624	1)TYRA Andrew S.
Filing Date	:27/09/2012	2)THIMSEN John Daniel
(87) International Publication No	:WO 2013/049393	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : CUSTOMIZABLE UNIFORM CONTROL FOR HOSTED SERVICE IMAGES

(57) Abstract :

An electronic marketplace for service images permits users to browse descriptions of service images implementing desired functionalities of a virtual machine image. The described service images may contain one or more software applications and may be further offered for purchase through an electronic service image marketplace. The electronic marketplace can further provide uniform control objects that are associated with multiple service images and multiple instruction sets. Following an interaction with a particular uniform control object the electronic marketplace can perform an action on a particular service image based on an association between the particular uniform control object and a particular instruction set associated with the particular service image.

No. of Pages : 42 No. of Claims : 15

(22) Date of filing of Application :08/11/2013

(21) Application No.3292/DEL/2013 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : INTERACTING WITH A	N APPLICA	TION
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Electronics Pvt Ltd.
(32) Priority Date	:NA	Address of Applicant :Logix Cyber Park Tower C 8th to 10th
(33) Name of priority country	:NA	floor, Tower D, Ground to 10th floor, Plot No.C - 28-29, Sector -
(86) International Application No	:NA	62, Noida-201301 (U.P), India Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Manish Jain
(61) Patent of Addition to Application Number	:NA	2)Shubham Joshi
Filing Date	:NA	3)Brij Mohan Purohit
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein provide a method and system for interacting with an application icon of an electronic device. Further, the method includes associating an interaction of the application icon with an activity to be performed in the application. Furthermore, the method includes executing the activity defined by the interaction without invoking the application.

No. of Pages : 53 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PROCESSING INFORMATION AND ACTIVITIES IN A TECHNICAL CONTROL AND/OR REGULATING SYSTEM USING A MULTICORE PROCESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G05B 19/042 :10 2009 029 642.5 :21/09/2009 :Germany :PCT/EP2010/063611 :16/09/2010 :WO 2010/033020 :NA :NA :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)MUELLER, BERND 2)FERCH, MARKUS 3)COLLANI, YORCK 4)BANSKI, HOLGER
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(57) Abstract :

A method for processing information and activities in a technical control and/or regulating system, wherein technical control and/or regulating tasks are performed by a microcontroller (5), wherein the technical control and/or regulating system includes various components (1, 3), and the microcontroller (5) includes information that is evaluated and processed by the same, and outputs at least one output signal as a result of technical control and regulating calculations. In one embodiment, the method includes dividing the technical control and regulating tasks of the system into component-specific task complexes, where a first component-specific task complex is processed by a first computer core (6) of the microcontroller (5) and a second component-specific task complex is processed by a second computer core (7) of the microcontroller (5). The first component-specific task complex includes reading and/or processing of information of a sensor (1) by the first computer core (6) and the second component-specific task complex includes controlling and/or regulating an actuator (3) by the second computer core (7).

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : RECOVERY OF BUTANOL FROM A MIXTURE OF BUTANOL, WATER AND AN ORGANIC EXTRACTANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C02P 7/16 :61/225,659 :15/07/2009 :U.S.A. :PCT/US2010/042092 :15/07/2010 :WO 2010/008924 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BUTAMAX TM ADVANCED BIOFUELS LLC Address of Applicant :EXPERIMENTAL STATION 268, 200 POWDER MILL ROAD, WILMINGTON, DELAWARE 19880- 0268, U.S.A. (72)Name of Inventor : 1)XU, YIHUI, TOM 2)PARTEN, WILLIAM, D.
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(57) Abstract :

A process for recovering butanol from a mixture comprising a water-1.5immiscible organic extractant, water, butanol, and optionally a non-condensable gas, is provided. The butanol is selected from 1-butanol, isobutanol, and mixtures thereof. An overhead stream from a first distillation column is decanted into two liquid phases. The wet butanol phase is returned to the first distillation column as reflux. A bottom stream from the first distillation column is refined in a second distillation column to obtain a second overhead stream comprising butanol and a second bottoms stream comprising the extractant. The extractant comprises at least one solvent selected from the group consisting of C7 to C22 fatty alcohols, C7 to C22 fatty acids, esters of C7 to C22 fatty acids, C7 to C22 fatty aldehydes, and mixtures thereof.

No. of Pages : 31 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : INTEGRATED CIRCULATORS SHARING A CONTINUOUS CIRCUIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (80) Intermetional Application Name 	:13/024986 :10/02/2011 :U.S.A.	Address of Applicant :660 ENGINEERING DRIVE, NORCROSS, GEORGIA 30091, U.S.A
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)DAVID J. POPELKA
(87) International Publication No	: NA	2)TODD VAUGHN
(61) Patent of Addition to Application Number	:NA	3)JOHN D. VOSS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a circuit assembly that includes an integrated circulator assembly. The circuit assembly has a first substrate, which contains a continuous circuit trace that includes a circulator component from the circulator assembly and at least one electrical component from the circuit assembly. A second substrate is disposed beneath the first substrate and includes a cladding on one surface. The second substrate contains an aperture that accepts a ferrite element, which is axially aligned with the circulator component of the circuit trace. A conductive material is placed across the ferrite element so that it forms a continuous ground plane with the cladding, which is common to the entire circuit trace. The circulator assembly also contains a magnet bonded to the ferrite element. The circulator assembly may also include a yoke disposed below the magnet to shield the circulator from external magnetic fields.

No. of Pages : 50 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : NICKEL BASE ALLOY HEAT TREATMENTS NICKEL BASE ALLOYS AND ARTICLES INCLUDING NICKEL BASE ALLOYS

(51) International classification (31) Priority Document No	:C22C19/05 :13/307097	(71)Name of Applicant : 1)ATI PROPERTIES INC.
(32) Priority Date	:30/11/2011	Address of Applicant :1600 N.E. Old Salem Road Albany
(33) Name of priority country	:U.S.A.	Oregon 97321 U.S.A.
(86) International Application No	:PCT/US2012/063142	(72)Name of Inventor :
Filing Date	:02/11/2012	1)MCDEVITT Erin T.
(87) International Publication No	:WO 2013/081770	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for heat treating a 718-type nickel base comprises heating a 718-type nickel base alloy to a heat treating temperature and holding the alloy at the heat treating temperature for a heat treating time sufficient to form an equilibrium or near equilibrium concentration of δ phase grain boundary precipitates within the nickel base alloy and up to 25 percent by weight of total y-phase and yphase. The 718-type nickel base alloy is air cooled. The present disclosure also includes a 718-type nickel base alloy comprising a near equilibrium concentration of δ -phase grain boundary precipitates and up to 25 percent by weight of total Y-phase and y-phase precipitates. Alloys according to the disclosure may be included in articles of manufacture such as for example face sheet honeycomb core elements and honeycomb panels for thermal protection systems for hypersonic flight vehicles and space vehicles.

No. of Pages : 63 No. of Claims : 26

(21) Application No.433/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:H01R 4/58	(71)Name of Applicant :
(31) Priority Document No	:102009045806.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:19/10/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/064726	(72)Name of Inventor :
Filing Date	:04/10/2010	1)JAECKLE, PHILIPPE
(87) International Publication No	:WO 2010/047953	2)RYSY, STEFAN
(61) Patent of Addition to Application	:NA	3)KRAPP, MICHAEL
Number	:NA :NA	4)VUKOVIC, SVETISLAV
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SOLDERLESS ELECTRICAL CONNECTION

(57) Abstract :

The present subject matter relates to a solderless electrical connection (42) between a first joining partner (10, 46) and a second joining partner (24, 26; 44) for connecting an electrical component, a connector strip or a lead frame. According to the present subject matter, the first joining partner (10, 46) or both joining partners (10, 46, 24, 26, 44) have an OSP coating (56) on their respective contact surfaces (14, 48, 54, 34, 50).

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR FILTERING INTERFEROGRAMS OBTAINED FROM SAR IMAGES ACQUIRED ON THE SAME AREA

(51) International classification(31) Priority Document No	:G01S 13/90 :MI 2009A 001210	(71)Name of Applicant : 1)TELE-RILEVAMENTO EUROPA - T.R.E. S.R.L.
(32) Priority Date(33) Name of priority country	:08/07/2009 :Italy	Address of Applicant :PIAZZA LEONARDO DA VINCI, 32, 20133 MILANO, ITALY,
(86) International Application No	:PCT/EP2010/059494	
Filing Date	:02/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/003836	1)FERRETTI, ALESSANDRO
(61) Patent of Addition to Application	:NA	2)NOVALI, FABRIZIO
Number	:NA	3)DE ZAN, FRANCESCO
Filing Date	:NA	4)RUCCI, ALESSIO
(62) Divisional to Application Number Filing Date	:NA :NA	5)TEBALDINI, STEFANO 6)FUMAGALLI, ALFIO

(57) Abstract :

A process for filtering interferograms obtained from SAR images, acquired on the same area by synthetic aperture radars, comprising the following steps: a) acquiring a series of N radar images (ALAN) by means of a SAR sensor on a same area with acquisition geometries such as to allow re¬sampling of the data on a common grid; b) after re-sampling on a common grid, selecting a pixel from the common grid; c) calculating the coherence matrix of the selected pixel, that is estimating the complex coherence values for each possible pair of available images; d) maximizing, with respect of the source vector 6, here an unknown element, the functional: being R the operator which extracts the real part of a complex number, γ nm the modulus of the element (n, m) of the coherence matrix, k a positive real number, Φ nm the phase of the element (n,m) of the coherence matrix, θ and θ m the elements n and m of the unknown vector θ . Given that only phase differences appear in the functional T, the values of the unknown factor are estimated less an additive constant, which can be fixed by setting for example $\theta = 0$, and the phase values θ n thus obtained constitute the vector of the filtered phase values

No. of Pages : 23 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :19/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR SILENCING GENES USING ARTIFICIAL MICRORNAS

(51) International classification	:C12N15/63,C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:61/552700	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:28/10/2011	Address of Applicant :1007 Market Street Wilmington
(33) Name of priority country	:U.S.A.	Delaware 19899 U.S.A.
(86) International Application No	:PCT/US2012/062249	2)PIONEER HI BRED INTERNATIONAL
Filing Date	:26/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/063487	1)KUREK Itzhak
(61) Patent of Addition to Application	:NA	2)MCGONIGLE Brian
Number		3)ZHU Genhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and compositions are provided that employ microRNA (miRNA) that when expressed in a plant cell is capable of reducing the level of mRNA of a target sequence (i.e. endogenous sequence) without reducing the level of mRNA of one or more closely related sequences. While miRNAs can be designed with specificity for a particular target sequence the instant application demonstrates that a miRNA can specifically silence a target sequence without silencing a closely related sequence having high sequence identity to the target sequence. In certain embodiments an endogenous target sequence can be suppressed with a recombinant miRNA expression construct without silencing a recombinant polynucleotide of interest having a sequence closely related to the target sequence. Such methods and compositions employ recombinant miRNA expression constructs which produce a 21 nt miRNA. Transgenic plant cells plants and seeds incorporating miRNA expression constructs and recombinant polynucleotide constructs comprising polynucleotides of interest are also provided.

No. of Pages : 355 No. of Claims : 37

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : UNTEMPERED STEEL MATERIAL

(51) International classification	:C22C38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:NA	CORPORATION
(33) Name of priority country	:NA	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2013/062551	Tokyo 1008071 Japan
Filing Date	:30/04/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/178099	1)TERAMOTO Shinya
(61) Patent of Addition to Application	:NA	2)KUBOTA Manabu
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An untempered steel material comprises a steel component comprising in mass% 0.20 to 0.60% of C 0.50 to 2.0% of Si 0.20 to 2.0% of Mn 0.010 to 0.15% of P 0.010 to 0.15% of S 0.10 to 0.50% of V 0.002 to 0.02% of N and a remainder made up by Fe and impurities wherein the segregation ratio of V is 1.0 or more and less than 3.0 in which the segregation ratio of V is the ratio of the maximum value among the concentrations of V in the steel material to the average value of the concentrations of V in the steel material as measured in a cross section of the steel material.

No. of Pages : 31 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : A CONNECTING STRUCTURE BETWEEN THE SLAG-DRIP TUBE AND THE PRIMARY CHAMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:200920214453.9 :30/11/2009 :China	 (71)Name of Applicant : 1)SHANGHAI BOILER WORKS, LTD. Address of Applicant :250 HUANING ROAD, MINHANG DISTRICT, SHANGHAI 200245 (CN) China (72)Name of Inventor : 1)XU, WELJUN 2)HUANG, HUI 3)WU, HAIYUN
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(57) Abstract :

A connecting structure between a slag-drip tube and a primary chamber contains a wallboard of the primary chamber, a slag-drip tube and the nickelclad, the slag-drip tube is set inside the opening in the wallboard of the primary chamber, and there is an air-distributor at the furnace bottom connecting to the top of the slag-drip tube, and a slag cooler connecting to the bottom of the slag-drip tube, a nickelclad surrounds the slag-drip tube. The vertical section of the nickelclad is in the shape of arcuate. The slag-drip tube is soldered on the upper end of the nickelclad, and the wallboard of the primary chamber is soldered on the other end. The nickelclad can produce some deformation for absorbing the differential expansion between the slag-drip tube and the wallboard of the primary chamber. There is a shield covering the slag-drip tube on the upper end of the nickelclad. And the shield covers the nickelclad in order to avoid damage to the nickelclad due to the slag leakage from the air distribution plate. The present invention can absorb the differential expansion between the slag-drip tube end the wallboard of the slag-drip tube.

No. of Pages : 10 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESSES FOR THE SYNTHESIS OF (2S, 3AR, 7AS)-OCTAHYDRO-1H-INDOLE CARBOXYLC ACID AS AN INTERMEDIATE FOR TRANDOLAPRIL

(51) International classification	:C07D 209/42	(71)Name of Applicant :
(31) Priority Document No	:61/226,030	1)ABBOTT LABORATORIES
(32) Priority Date	:16/07/2009	Address of Applicant :100 ABBOTT PARK ROAD, AP6A-
(33) Name of priority country	:U.S.A.	1/D0377 ABBOTT PARK, IL 60064, UNITED STATES OF
(86) International Application No	:PCT/US2010/042219	AMERICA
Filing Date	:16/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/009021	1)SANJAY R. CHEMBURKAR
(61) Patent of Addition to Application	:NA	2)RAJARATHNAM E. REDDY
Number	:NA :NA	3)DOUGLAS M. REAMER
Filing Date	.INA	4)JOHN T. PAVLINA
(62) Divisional to Application Number	:NA	5)STEPHEN S. ULREY
Filing Date	:NA	6)BRIAN J. KOTECKI

(57) Abstract :

A process for the preparation of (2S, 3aR, 7aS)-octahydro-1H-indole-20carboxylic acid hydrochloride.

No. of Pages : 54 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(57) Abstract :

A method of removing fouling materials from the surface of a plurality of porous membranes arranged in a membrane module the porous membranes forming an array, the module having a header in which one end of each of the membranes is mounted, the header connected to a source of pressurized gas, the method comprising providing, through a plurality of holes distributed throughout the header but not through the pores of said membranes, gas bubbles in a uniform distribution relative to the porous membrane array such that: said bubbles move past the surfaces of and vibrate said membranes to dislodge fouling materials therefrom, said membranes being arranged in close proximity to one another and mounted to prevent excessive movement therebetween, wherein said plurality of holes is not solely peripheral to the distribution of said membranes in said header, wherein the porous membranes comprise hollow fibre membranes, wherein the fibre membranes are arranged in bundles surrounded by a perforated cage which serves to prevent said excessive movement therebetween.

No. of Pages : 47 No. of Claims : 66

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:A61M 5/20	(71)Name of Applicant :
(31) Priority Document No	:0910934.9	1)OVAL MEDICAL TECHNOLOGIES LIMITED
(32) Priority Date	:24/06/2009	Address of Applicant :THE INNOVATION CENTRE, UNIT
(33) Name of priority country	:U.K.	23, CAMBRIDGE SEIENCE PARK, MILTON ROAD,
(86) International Application No	:PCT/GB2010/001243	CAMBRIDGE CAMBRIDGESHIRE CB4 0EY, UNITED
Filing Date	:23/06/2010	KINGDOM
(87) International Publication No	:WO 2010/149975	(72)Name of Inventor :
(61) Patent of Addition to Application		1)YOUNG, MATTHEW
Number	:NA	, , , _ , _ , _ , _ , _ , _ , _
Filing Date	:NA	
6	.NI A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : A PRE-FILLED SYRINGE OR AUTOINJECTOR

(57) Abstract :

The invention provides a syringe for dispensing a drug (1), comprising: a rigid syringe body, - a first container (2), in contact with and enclosing the drug; and a second container (3), enclosing the first container, the second container being less gas permeable than the first container, wherein the second container partially or fully forms the rigid syringe body or is held within the rigid syringe body. The invention preserves the drug but allows the drug to be easily accessed without the need for a user to remove a gas barrier structure as a separate action in addition to the other actions needed to deliver the drug.

No. of Pages : 46 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : LOW GLYCAEMIC INDEX BAKED PRODUCT COMPRISING HIGH LEVELS OF FIBRE, PROTEINS AND INCLUSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A21D 2/18 :EP 09165815.3 :17/07/2009 :EPO :PCT/EP2010/060182 :15/07/2010 :WO 2010/006949 :NA :NA :NA	 (71)Name of Applicant : PURATOS N.V. Address of Applicant :INSUSTRIALAAN 25, B-1702 GROOT-BIJGAARDEN, BELGIUM (72)Name of Inventor : PETRE, VERONIQUE DEL TURCO, FRANCOISE
Filing Date	:NA	

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(57) Abstract :

The present invention is directed to a bread product which is particularly adapted for breakfast, and which is characterized by high satietogenic and nutritional properties, and its convenience of use.

No. of Pages : 59 No. of Claims : 18

(21) Application No.4590/DELNP/2014 A

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND VESSEL FOR LAYING A PIPELINE :B63B35/03,F16L1/18,F16L1/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SAIPEM S.P.A. :1121118.2 (32) Priority Date Address of Applicant : Via Martiri di Cefalonia 67 San Donato :08/12/2011 (33) Name of priority country Milanese I 20097 Milan Italy :U.K. (72)Name of Inventor: (86) International Application No:PCT/EP2012/074805 Filing Date :07/12/2012 1)BIANCHI Stefano (87) International Publication No :WO 2013/083780 2)BRUSCHI Roberto (61) Patent of Addition to 3)LAZZARIN Diego :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A method of S laying a pipeline from a vessel (103) is disclosed. A stinger (104) extends away from an end of the vessel (103) and the pipeline passes over the stinger (104) as it is laid from the vessel (103). The inclination of the pipeline to the horizontal increases as it passes along the stinger (104) and after it leaves the stinger (104) until it reaches an inflection point beyond the end of the stinger (104) at which the inclination of the pipeline to the horizontal is at a maximum. The inclination of the pipeline thereafter reduces until it touches down on the seabed. The method includes providing guides on the stinger (104) that limit lateral movement of the pipeline relative to the stinger (104) and moving the vessel (103) and the stinger (104) during S laying to an orientation in which the longitudinal axis of the stinger (104) is inclined to the path of the pipeline (101) just laid on the seabed. The step of moving the vessel (103) and the stinger (104) about a vertical axis passing through or adjacent to the inflection point.

No. of Pages : 46 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING CHIRAL 3-TRIAZOLYL-SULFOXIDE DERVATIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 249/08 :10 2009 027 771.4 :16/07/2009 :Germany :PCT/EP2010/004288 :14/07/2009 :WO 2010/006646 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY (72)Name of Inventor : 1)STEFAN ANTONS 2)NORBERT LUI 3)WAHED AHMED MORADI
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(57) Abstract :

The present invention relates to a catalytic process for preparing 3-triazolyl sulphoxide derivatives in enantiomerically pure or enantiomerically enriched form.

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

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:H04W 36/36	(71)Name of Applicant :
(31) Priority Document No	:09 54130	1)ST-ERICSSON SA
(32) Priority Date	:18/06/2009	Address of Applicant :39 CHEMIN DU CHAMP-DES-
(33) Name of priority country	:France	FILLES, CH-1228 PLAN-LES-OUATES (CH) Switzerland
(86) International Application No	:PCT/EP2010/058491	(72)Name of Inventor :
Filing Date	:16/06/2010	1)JOSSO, NICLAS
(87) International Publication No	:WO 2010/146095	
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : QUALITY CONTROL FOR INTER-CELL HANDOVER

(57) Abstract :

A method and apparatus for deciding whether the handover has to be done or not, where the decision is taken by the mobile unit. The mobile unit can reject the command from the base station if the quality of the communication might not be maintained in the second network. This decision is taken measuring some quality parameters of the second network and comparing them with a predefined threshold.

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

(19) INDIA

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

(43) Publication Date : 15/05/2015

(51) International classification	:A45C13/26	(71)Name of Applicant :
(31) Priority Document No	:61/628796	1)REKUC Richard J.
(32) Priority Date	:07/11/2011	Address of Applicant :2 Halls Mill Road Asbury NJ 08802
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/063817	2)REKUC Steven J.
Filing Date	:07/11/2012	3)RINGEL David Edward
(87) International Publication No	:WO 2013/070671	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)REKUC Richard J.
Number	:NA :NA	2)REKUC Steven J.
Filing Date	.NA	3)RINGEL David Edward
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : RETRACTOR CORD ASSEMBLIES FOR CARRIED ARTICLES

(57) Abstract :

A low profile retractable cord system in which a line is attached to a pair of retractor mechanisms located in the sides of an article to be carried (such as a briefcase a purse a handbag suitcase tote bag knapsack sports bag gym bag etc.). The line is high tensile braided line threaded out through eyelets which are offset inwardly and downwardly from the upper corners of the article to be carried. This way the line and shoulder pad attached thereto lie flat along the carried article. Various retractor mechanisms are shown including an opposed pair of coil spring biased reels opposed independent pulley mechanisms or a common pulley mechanism. An alternate embodiment employs a single retractor mechanism and line for a single loop handle is also shown.

No. of Pages : 34 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTROL OF AN INDUCTIVE LOAD WITH TEMPERATURE SENSITIVE CURRENT **REDUCTION MECHANISM**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H03K17/082,H02M1/32 :1103967 :21/12/2011 :France :PCT/EP2012/005216 :17/12/2012 :WO 2013/091826 :NA :NA :NA	 (71)Name of Applicant : 1)CONTINENTAL AUTOMOTIVE FRANCE Address of Applicant :Intellectual Property 1 Avenue Paul Ourliac F 31100 Toulouse France 2)CONTINENTAL AUTOMOTIVE GMBH (72)Name of Inventor : 1)PASQUALETTO Anglo
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(57) Abstract :

The invention relates to the control of an inductive load. It implements a control strategy for generating a control signal for a switching element on the basis of a setpoint cue with a mechanism consisting in defining an authorized maximum value () of the current in the load as a function of the temperature at the switching element. The mechanism exhibits a temperature threshold () for example an interruption threshold. The authorized maximum value () of the current is held constant equal to an upper limit value () during a phase of temperature rise for all the temperatures which are below the threshold. The authorized maximum value of the current is abruptly made equal to a lower limit value (I) as soon as the temperature reaches the threshold. Finally during a phase of temperature fall the authorized maximum value of the current rises progressively back to the upper limit value as the temperature decreases.

No. of Pages : 31 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/06/2014

(43) Publication Date : 15/05/2015

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	a :C07F17/00,C07C1/32,C08F10/00 :11009974.4 :19/12/2011 :EPO :PCT/EP2012/005232 :13/12/2012 :WO 2013/091837	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC) Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia (72)Name of Inventor : 1)AL HUMYDI Abdulaziz Hamad 2)ABURAQABAH Atieh 3)G-RL Christian
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)ALT Helmut

(57) Abstract :

The invention relates to a process comprising the step of reacting a 2-indenylpinacolyl borane compound with a bro - mosubstituted compound in the presence of a Pd catalyst and a base to form the corresponding bridged bis(indenyl) ligand. This pro - cess step is very efficient and leads to less (homocoupled) byproducts than other known processes. The process of the invention may further comprise the step of reacting a 2-bromo indene compound with pinacolborane in the presence of a Pd catalyst and a base, to o form the corresponding 2-indenylpinacolylborane compound. With this, the invention provides an improved and easy two-step pro - cess to prepared bridged bis(indenyl)ligands. These bridged bis(indenyl)ligands may suitably be used in the preparation of metalloo cene complexes, such as 2,2-bis(2-indenyl)biphenyl ZrCL and 1,2-bis(2-indenyl)benzene ZrCL. These metallocene complexes may be used for the polymerization, optionally in the presence of a cocatalyst, of one or more a-olefins, preferably for the polymerization of ethylene. In a preferred embodiment, the Pd catalyst is preferably is(triphenylphosphin)palladium dichloride (PPh)2PdCI2).

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

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BIS IMINE COMPLEX OF LANTHANIDES CATALYTIC SYSTEM COMPRISING SAID BIS IMINE COMPLEX AND PROCESS FOR THE (CO)POLYMERIZATION OF CONJUGATED DIENES

(51) International classification	:C08F4/68,C08F36/04,C08F136/06	(71)Name of Applicant : 1)VERSALIS S.P.A.
(31) Priority Document No	:MI2011A001650	Address of Applicant : Piazza Boldrini 1 San Donato Milanese
(32) Priority Date	:14/09/2011	I 20097 Milano Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/067989 :13/09/2012	1)RICCI Giovanni 2)SOMMAZZI Anna 3)LEONE Giuseppe
(87) International Publication No	:WO 2013/037910	4)BOGLIA Aldo 5)MASI Francesco
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A bis imine complex of lanthanides having general formula (I): Said bis imine complex of lanthanides having general formula (I) can be advantageously used in a catalytic system for the (co)polymerization of conjugated dienes.

No. of Pages : 137 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH EFFICIENCY GENE TRANSFER AND EXPRESSION IN MAMMALIAN CELLS BY A MULTIPLE TRANSFECTION PROCEDURE OF MAR SEQUENCES

(51) International classification	:C12N 1/00	(71)Name of Applicant :
(31) Priority Document No	:60/513,574	1)SELEXIS S.A.
(32) Priority Date	:24/10/2003	Address of Applicant :18, Chemin des Aulx CH-1228 Plan-
(33) Name of priority country	:U.S.A.	les-Ouates Switzerland
(86) International Application No	:PCT/EP2004/011974	(72)Name of Inventor :
Filing Date	:22/10/2004	1)MERMOD, Nicolas
(87) International Publication No	: NA	2)GIROD, Pierre Alain
(61) Patent of Addition to Application	. NT A	3)BUCHER, Philipp
Number	:NA :NA	4)NGUYEN, Duc-Quang
Filing Date	INA	5)CALABRESE, David
(62) Divisional to Application Number	:1454/DELNP/2006	6)SAUGY, Damien
Filed on	:12/03/2006	7)PUTTINI, Stefania

(57) Abstract :

The present invention relates to purified and isolated DNA sequences having protein production increasing activity and more specifically to the use of matrix attachment regions (MARs) for increasing protein production activity in a eukaryotic cell. Also disclosed is a method for the identification of said active regions, in particular MAR nucleotide sequences, and the use of these characterized active MAR sequences in a new multiple transfection method.

No. of Pages : 88 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BENZOTHIAZINONE DERIVATIVES AS ANTI TUBERCULOSIS AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract i 	:C07D417/04,A61K31/5415,A61P31/06 :11 181 388.7 :15/09/2011 :EPO :PCT/IB2012/001788 :14/09/2012 :WO 2013/038259 :NA :NA :NA	 (71)Name of Applicant : 1)THE UNIVERSITY OF QUEENSLAND Address of Applicant :St. Lucia Brisbane Queensland 4072 Australia (72)Name of Inventor : 1)COOPER Matthew 2)ZUEGG Johannes 3)BECKER Bernd 4)TOMISLAV Karoli
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(57) Abstract :

Mycobacterium tuberculosis23321414141412314343414Novel benzothiazinone derivatives of formula (I) or pharmaceutically acceptable salts or solvates thereof have been found to be effective against strains and may thus be useful in the treatment of tuberculosis: wherein EWG (electron withdrawing group) = NO CN CF F Cl Br OCF OH OR OCHF COOR wherein R is hydrogen or a straight or branched C C alkyl group X = a bond or a straight or branched C C alkylene group which may be substituted with a group selected from F Cl Br I or C C alkoxy; Y = hydrogen a straight or branched C C alkyl group OH or OR wherein R is hydrogen or a straight or branched C C alkyl group; n = 0 1 or 2; R R = hydrogen or substituent (s) which may be the same or different from each other and are selected from the group consisting of D F Cl Br CF a straight or branched C C alkyl group a phenyl group OR SR NRR wherein R R R may be the same or different from each other and are hydrogen or a straight or branched C C alkyl group.

No. of Pages : 39 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FIBER COMPOSITION COMPRISING 1 3 GLUCAN AND A METHOD OF PREPARING SAME

(51) International classification(31) Priority Document No(32) Priority Date	:C08L5/00,D01D5/06,D01F9/00 :61/582189 :30/12/2011	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington
(33) Name of priority country	:U.S.A.	Delaware 19898 U.S.A.
(86) International Application No Filing Date	:27/12/2012	(72)Name of Inventor : 1)OPPER Kathleen
(87) International Publication No.(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 a solution comprising $poly(a(1\rightarrow 3) glucan)$ and an ionic liquid. The solution can further contain a non-solvent that is water or an ionic liquid. The solution is suitable for use as a spinning solution for the preparation of fibers of $poly(a(1\rightarrow 3) glucan)$ without the requirement of first derivatizing the $poly(a(1\rightarrow 3) glucan)$.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AMORPHOUS HIGH GLASS TRANSITION TEMPERATURE COPOLYESTER COMPOSITIONS METHODS OF MANUFACTURE AND ARTICLES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/397200 :15/02/2012 :U.S.A. :PCT/US2012/068909 :11/12/2012 :WO 2013/122665 :NA :NA :NA	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.o. Box 5101 Riyadh 11422 Saudi Arabia (72)Name of Inventor : 1)ASTHANA Navinchandra S.
Filing Date	:NA	

(57) Abstract :

An amorphous copolyester comprising the reaction product of: (a) a monomer of formula I wherein R1, R2, R3, and R5 are each independently hydrogen or a C1-3 alkyl group, a is 0-1, b is 0-4, c is 0-4 and d is 0-3, and each R4 is independently hydrogen or a C1-3 alkyl group; (b) a virgin monomer selected from terephthalic acid, a di(C1-3 alkyl) terephthalate, and combinations thereof, and(c) 1,4-cyclohexane dimethanol; wherein the residue of monomer (a) is present in an amount from 7 to less than 12 mole % of the copolyester based on moles of repeat units in the polyester; and the copolyester has a glass transition temperature of at least 107°C, an intrinsic viscosity of at least 0.7 dl/g, and a molded sample has a Notched Izod value of at least 290 J/m determined in accordance with ASTM D256.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CRYSTALLINE HYDROCHLORIDE SALT OF (1 (4 FLUOROPHENYL) 1H INDOL 5 YL) (3 (4 (THIAZOLE 2 CARBONYL) PIPERAZIN 1 YL) AZ ETIDIN 1 YL) METHANONE AND ITS USE IN THE TREATMENT OF PAIN AND METABOLIC DISORDERS

(87) International Publication No:WO 2013/049287(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Filing Date:NAApplication Number Filing Date:NA	classification(31) Priority Document No :61(32) Priority Date(33) Name of prioritycountry(86) InternationalApplication NoFiling Date(87) InternationalPublication No(61) Patent of Addition toApplication NumberFiling Date(62) Divisional toApplication NumberSNApplication NumberSNSNApplication NumberSNSNSNSNSNSNSNApplication NumberSN<	207D417/14,A61K31/496,A61P29/00 51/541281 30/09/2011 J.S.A. PCT/US2012/057461 27/09/2012 WO 2013/049287 NA NA	 (71)Name of Applicant : 1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium (72)Name of Inventor : 1)BEAUCHAMP Derek A. 2)WELLS Kenneth M.
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(57) Abstract :

The present invention relates to a crystalline hydrochloride salt of (1 (4 fluorophenyl) lH indol 5 yl)(3 (4 (thiazole 2 carbonyl)piper azin l yl)azetidin l yl)methanone Formula (I) methods of making said salt pharmaceutical compositions contain ing said salt and the use of said salt in the treatment of pain and dis - eases that cause such pain and metabolic disorders such as obesity hyperphagia and diabetes.

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

(19) INDIA

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYMER NANO-COMPOSITES AS DRY SENSOR MATERIAL FOR BIOSIGNAL SENSING			
(51) International classification	:A61B	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)CLEVELAND MEDICAL POLYMERS, INC.	
(32) Priority Date	:NA	Address of Applicant :1030 WEST SMITH SMITH ROAD,	
(33) Name of priority country	:NA	MEDINA, OHIO 44256, USA U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)PRASAD TARANKAR	
(87) International Publication No	: NA	2)ARUN KUMAR VENKATESAN	
(61) Patent of Addition to Application Number	:NA	3)NISHANT NEGANDHI	
Filing Date	:NA	4)ASIS BANERJIE	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A multifinctional polymer nano-composite sensor system for detecting various biosignals like ECG and other kinds of signals for sensing strain, temperature and moisture has been disclosed. This sensor system includes (1) a polymer nano-composite sensor material that is flexible, elastic, soft, and conductive, (2) a sensor material fabricated into a 10 desired shape or form, and (3) a signal capturing interface for collecting, transmitting and processing the signals. This sensor system can easily be integrated into a user environment for various user-transparent sensing applications. The present invention more specifically reveals a multi-fimctional nano-composite sensor for detecting biologically generated electrical signals which is comprised of a polymeric composition having an electrically 15 conductive wire embedded therein, wherein the polymeric composition has a dispersion phase and a dispersed phase, wherein the dispersion phase is comprised of a thermoplastic polymer or a thermoset polymer, wherein the dispersed phase includes an electrically conductive filler, wherein the polymeric composition is gel-free, and wherein the electrically conductive wire is adapted for conveying an electrical signal to a signal processing device. 20 The present invention further discloses a polymeric composition which is comprised of a thermoplastic polymer, and at least one electrically conductive filler wherein the styrenic polymer is present in the composition at a level which is within the range of 10 weight percent to 50 weight percent and wherein the electrically conductive filler is present at a level which is within the range of 0.5 weight percent to 40 weight 25 percent, based on the total weight of the polymeric composition.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS AND SYSTEM FOR OBTAINING BOTULINUM NEUROTOXIN

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07K 14/33 :12/502,181 :13/07/2010 :U.S.A. :PCT/US2010/041745 :12/07/2010 :WO 2010/008713 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALLERGAN, INC. Address of Applicant :2525 DUPONT DIRVE, T2-7H, IRVINE, CALIFORNIA 92612, U.S.A. (72)Name of Inventor : 1)JENNIFER L. TON 2)HEMANT A. PATEL 3)RONALD C. BATES 4)WAJDIE M. AHMAD
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(57) Abstract :

Rapid, animal protein free, chromatographic processes and systems for obtaining high potency, high yield botulinum neurotoxin for research, therapeutic and cosmetic use.

No. of Pages : 77 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NEW C5A BINDING NUCLEIC ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N15/115,A61K31/7088,A61P29/00 :12 000 106.0 :10/01/2012 :EPO :PCT/EP2013/000056 :10/01/2013 :WO 2013/104540 ^o :NA :NA :NA	 (71)Name of Applicant : 1)NOXXON PHARMA AG Address of Applicant :Max Dohrn Strasse 8 10 10589 Berlin Germany (72)Name of Inventor : 1)H-HLIG Kai 2)VATER Axel 3)BUCHNER Klaus 4)MAASCH Christian 5)KLUSSMANN Sven
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(57) Abstract :

The present invention is related to a nucleic acid molecule capable of binding to human C5a, wherein the nucleic acid molecule comprises a central stretch of nucleotides, wherein the central stretch of nucleotides comprises a nucleotide sequence of 5TM AUGn1GGUGKUn2n3RGGGHUGUKGGGn4Gn5CGACGCA 3TM [SEQ ID NO: 61], wherein n1 is U or dU, n2 is G or dG, n3 is A or dA, n4 is U or dU, n5 is U or dU and G, A, U, C, H, K, and R are ribonucleotides, and dU, dG and dA are 2TM-deoxyribonucleotides.

No. of Pages : 211 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : DESIGN & DEVELOPMENT OF SPRING LOADED LOCK ASSEMBLY FOR AIRCRAFT APPLICATION.

(51) International classification	:B64C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED, TRANSPORT
(32) Priority Date	:NA	AIRCRAFT DIVISION, KANPUR
(33) Name of priority country	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(86) International Application No	:NA	LIMITED TRANSPORT AIRCRAFT DIVISION, CHAKERI
Filing Date	:NA	POST OFFICE HARJINDER NAGAR KANPUR, U.P208008
(87) International Publication No	: NA	Uttar Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TIWARI GANGADHAR
(62) Divisional to Application Number	:NA	2)KUMAR JAINENDRA
Filing Date	:NA	3)TIWARI SUDHIR KUMAR

(57) Abstract :

The Spring Loaded Lock Assembly keeps sliding objects in two positions: ON & OFF position. When knob is rested on lower slot of housing which means ON condition of lock. When knob is rested on upper slot of housing which means OFF condition of lock.

No. of Pages : 8 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 15/05/2015

:B60C15/06	(71)Name of Applicant :
:1160908	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
:29/11/2011	MICHELIN
:France	Address of Applicant :12 Cours Sablon F 63000 Clermont
:PCT/EP2012/073834	Ferrand France
:28/11/2012	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
:WO 2013/079529	(72)Name of Inventor :
·NI A	1)BOURGEOIS Frdric
	2)BRUNEAU Fran§ois Xavier
.1NA	
:NA	
:NA	
	:1160908 :29/11/2011 :France :PCT/EP2012/073834 :28/11/2012 :WO 2013/079529 :NA :NA :NA

(54) Title of the invention : TYRE WITH IMPROVED BEADS

(57) Abstract :

Tyre comprising a carcass which is wrapped around the annular reinforcing structures of each bead forming a main portion and a wrapped-around portion, an apex situated between the main and the wrapped-around portion of the carcass, and an outer strip axially outside of the carcass and of the apex, the apex and the outer strip being made of a rubber compound that has an elastic modulus $G \le 15$ MPa and a viscous modulus G such that: $G \le 0.2 \cdot G - 0.2$ MPa, these moduli being measured at 23° C; wherein the entity formed by the apex and the outer strip has a thickness E(r) such that, in the range of distances r between 25 and 45 % of the height H of the tyre, the variation in thickness (I) is ≤ -0.25 mm mm over at least 4 % of the height H, between 15 and 35 % of H, (I) is ≥ 0.20 mm mm over at least 2 % of H, and between 10 and 20 % of H, (I) is ≥ -0.10 mm mm and ≤ 0.0 mm mm over at least 5 % of H.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPROVEMENT OF YIELD IN CROP PLANTS THROUGH SELECTION OF EPIGENETICALLY MODIFIED POPULATIONS

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(51) Intermetional algoritization		(71) Nome of Applicant .
(51) International classification	:A01H 3/00	(71)Name of Applicant :
(31) Priority Document No	:61/221186	1)BAYER BIOSCIENCE N.V.
(32) Priority Date	:29/06/2009	Address of Applicant : TECHNOLOGIEPARK 38, BE-9052
(33) Name of priority country	:U.S.A.	GENT, BELIGIUM
(86) International Application No	:PCT/EP10/003507	(72)Name of Inventor :
Filing Date	:11/06/2010	1)MARC DE BLOCK
(87) International Publication No	:WO 2010/000466	
(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 to select plants and populations of epigenetically fixed crop plants with improved yield.

No. of Pages : 39 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRIC CIRCUITCONFIGURATION FOR SWITCHING AN ELECTRICAL LOAD (51) International classification :G01R 31/02 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :10 2009 044 950.7 (32) Priority Date :24/08/2009 Address of Applicant : POSTFACH 30 02 20, STUTTGART, (33) Name of priority country :Germany GERMANY (86) International Application No :PCT/EP2010/063157 (72)Name of Inventor : Filing Date :08/09/2010 **1)BAUER. PATRICK** (87) International Publication No :WO 2010/036056 2)OENCEL, MEHMET (61) Patent of Addition to Application **3)CHAUVET, YANNICK** :NA Number 4)BAUER, RALPH :NA Filing Date 5)SCHELLING, BERND :NA (62) Divisional to Application Number 6)HOLST, THOMAS Filing Date 7)HOEGELE, GEORG :NA

(57) Abstract :

Described herein is an electric circuit configuration (1, 2) for switching an electrical load (3) by means of at least one switching means (5) associated with the electrical load (3). The electric circuit configuration (1,2) includes at least one analysis circuit having at least one measurement resistor (17) connected in series with the switching means (5), at least one first analysis means (23) for determining a parameter corresponding to the short-circuit current, and at least one second analysis means (25) for determining a parameter corresponding to the electrical load current. The first analysis means (23) is coupled in parallel with the measurement resistor (17) and the analysis circuit includes a further measurement resistor (21), to which the second analysis means (25) is coupled in parallel. The resistance of the measurement resistor (17) is smaller than the resistance of the further measurement resistor (21), and the measurement resistor (21) are connected in series.

No. of Pages : 14 No. of Claims : 6

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B60C9/20	(71)Name of Applicant :
(31) Priority Document No	:1251215	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:09/02/2012	MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 Cours Sablon F 63000 Clermont
(86) International Application No	:PCT/EP2013/051844	Ferrand France
Filing Date	:31/01/2013	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2013/117476	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)LARDJANE Aurore
Number	:NA :NA	2)LE CLERC Christophe
Filing Date	INA	3)MOREL JEAN Jacques
(62) Divisional to Application Number	:NA	4)VERLEENE Arnaud
Filing Date	:NA	

(54) Title of the invention : RADIAL TYRE WITH LIGHTENED BELT STRUCTURE

(57) Abstract :

Radial tyre notably for a passenger vehicle or light van with a lightened belt structure (10) comprising a multilayer composite laminate (10a 10b 10c) of specific construction with a first layer (10a) of rubber (Cl) containing circumferential textile reinforcements (110) which are weakly heat shrinkable for example made of nylon or of polyester this first layer radially (in the direction Z) surmounting two other layers (10b 10c) of rubber (respectively C2 C3) reinforced with monofilaments (120 130) of high strength steel; this multilayer composite laminate makes it possible to reduce the weight and rolling resistance of tyres without adversely affecting the cornering stiffness and therefore road holding while at the same time offering road running endurance that is at least equal if not improved.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PURIFICATION OF BIO AMINO ACIDS

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :NA :NA	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-11001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)HARSH PRATAP SINGH
(61) Patent of Addition to Application Number	:NA	2)AJAY RANA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved process for purification of bio amino acids: The present invention relates to a green process for purification of free bio amino acids from tea shoots. The invention more particularly relates to an organic solvent free, fast and economical process for purification of natural amino acids on large scale without using any chemical, acid or alkali substance. The invention also relates to a process for purification of bio amino acids from plant and plant parts (renewable bioresources) which are rich in free amino acids.

No. of Pages : 29 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

PROCESSES FOR THEIR PREPARATION (51) International classification :B32B 27/34 (71)Name of Applicant : (31) Priority Document No **1)E. I. DU PONT DE NEMOURS AND COMPANY** :61/229,807 (32) Priority Date Address of Applicant :1007 MARKET STREET, :30/07/2009 (33) Name of priority country WILMINGTON, DELAWARE 19898, U.S.A. :U.S.A. (86) International Application No :PCT/US2010/043877 (72)Name of Inventor : Filing Date :30/07/2010 1)WAKEMAN, MARTYN DOUGLAS (87) International Publication No :WO 2010/014751 2)KIRCHNER, OLAF NORBERT (61) Patent of Addition to Application **3)YUAN, SHENGMEI** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : OVAERMOLDED HEAT RESISTANT POLYAMIDE COMPOSITE STRUCTURES AND

(57) Abstract :

The present invention relates to the field of overmolded composite structures and processes for making them, particularly it relates to the field of overmolded heat resistant polyamide composite structures. The overmolded composite structure comprises i) a first component having a surface, which surface has at least a portion made of a surface resin composition, and comprising a fibrous material selected from the group consisting of non-woven structures, textiles, fibrous battings and combinations thereof, said fibrous material being impregnated with a matrix resin composition, wherein said surface resin composition and said matrix resin composition are polyamide compositions comprising one or more polyamide resins, and one or more polyhydric alcohols having more than two hydroxyl groups and ii) a second component comprising an overmolding resin composition, wherein said second component is adhered to said first component over at least a portion of the surface of said first component.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTROSPUN SILK MATERIAL SYSTEMS FOR WOUND HEALING (51) International classification :A61L 15/22 (71)Name of Applicant : (31) Priority Document No 1)TRUSTEES OF TUFTS COLLEGE :61/225,335 (32) Priority Date Address of Applicant : BALLOU HALL, MEDFORD, MA :14/07/2009 (33) Name of priority country :U.S.A. 02155. U.S.A. (86) International Application No 2)THE UNIVERSITY OF MASSACHUSETTS :PCT/US2010/041953 Filing Date :14/07/2010 FOUNDATION. INC. (87) International Publication No :WO 2010/008842 (72)Name of Inventor: (61) Patent of Addition to Application 1)ZHANG XIAOHUI :NA Number 2)KAPLAN DAVID L. :NA Filing Date **3)WHARRAM SCOTT E.** (62) Divisional to Application Number :NA **4)MCCARTHY STEPHEN** Filing Date :NA

(57) Abstract :

The present invention relates to the processes of preparing silkfibroin/polyethyen oxida blended materials, and the resulting materials thereof, which are suitable for biomedical applications such as wound healing. In particular, the electrospun silk fibroin/PEO mats with a silk:PEO blend ratio of 2:1 to 4:1, treated with controlled evaporation, constraint-drying techniques, and/or alcohol treatment, and/or PEO extraction, demonstrate suitable physical and biofunctional properties, such as fiber structure, topography, absorption, water vapor transmission rates, oxygen permeation, and biodegradability, relevant to biomaterial systems with utility for wound dressings.

No. of Pages : 82 No. of Claims : 33

(21) Application No.5700/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYETHERIMIDE POLYCARBONATE BLENDS

(57) Abstract :

The disclosure relates to compositions exhibiting a UV resistance of E ranging from more than 0 to less than or equal to 10 units after exposure to ultraviolet light for 300 hours per ASTM D 4459 protocol. The compositions can include at least 15 wt. % of a polyetherimide; at least 35 wt. % of a polyetherimide isloxane; and optionally at least one UV stabilizer. The disclosure also relates to methods of shaping such compositions and articles produced from such compositions.

No. of Pages : 62 No. of Claims : 51

(21) Application No.5793/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A PROCESS FOR LIME SLURRY PRODUCTION

	 (71)Name of Applicant : 1)APPLIED SPECIALTIES INC. Address of Applicant :33555 Pin Oak Parkway Avon Lake Ohio 44012 U.S.A. (72)Name of Inventor : 1)SCHEURMANN Clarence III
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(57) Abstract :

A process for controlling scaling on and within lime slaking and handling equipment such as SDA atomizers and reducing lime usage by forming a mixture with at least one polymeric dispersant and a quantity of water and introducing the mixture to a vessel for preparation of a lime slurry.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COATED CUTTING TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	¹ :PCT/EP2012/068455 :19/09/2012 :WO 2013/041576 :NA :NA	 (71)Name of Applicant : 1)LAMINA TECHNOLOGIES S.A. Address of Applicant :Rue de Pythagore 2 CH 1400 Yverdon Les Bains Switzerland (72)Name of Inventor : 1)B–HLMARK Johan 2)CURTINS Hermann 3)GENVAD Axel
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a coated cutting tool comprising a substrate and a coating where the coating comprises at least one compound layer deposited by cathodic arc deposition which has a thickness of 10 30 μ m characterized in that the coating has internal stress ranges from low tensile stresses lower than 0.2GPa to compressive stresses lower than 3GPa.

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

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61F13/15	(71)Name of Applicant :
(31) Priority Document No	:13/368378	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:08/02/2012	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2013/023831	(72)Name of Inventor :
Filing Date	:30/01/2013	1)LENSER Todd Douglas
(87) International Publication No	:WO 2013/119436	2)WHALEY Mark David
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : APPARATUSES AND METHODS FOR FOLDING ABSORBENT ARTICLES

(57) Abstract :

The present disclosure relates to folding methods and apparatuses that operate to fold an advancing substrate in the cross direction along a central region to bring a second end region into a facing relationship with a first end region. In some embodiments the second end region of the advancing substrate is folded around a folding axis 180 to bring the second end region into a facing relationship with the first end region. The folding axis may also be defined by an arc extending in the machine direction MD wherein the second end region of the advancing substrate is helically folded toward the inside of the arc. A folding apparatus including a curved or arc shaped folding axis may also be configured such the first and second web paths have substantially equal lengths.

No. of Pages : 44 No. of Claims : 11

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification :A61K38/17	(71)Name of Applicant :
(31) Priority Document No:1200555.9(32) Priority Date:13/01/2012(33) Name of priority country:U.K.(86) International Application No:PCT/GB2013/050068Filing Date:14/01/2013(87) International Publication No:WO 2013/104928(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 1)THE UNIVERSITY OF BIRMINGHAM Address of Applicant :Edgbaston Birmingham B15 2TT U.K. (72)Name of Inventor : 1)RAINGER George Edward 2)NARENDRAN Parth 3)MCGETTRICK Helen 4)CHIMEN Myriam

(57) Abstract :

Provided is a method for treatment and/or prophylaxis of a condition associated with T cell mediated chronic inflammatory disease by administration to a patient of a peptide comprising N SVTEQGAELSNEER C {SEQ ID NO: 1} or an analogue thereof that inhibits T cell migration. Also provided is the peptide or its analogue for use in the methods of treatment: and/or prophylaxis of said condition.

No. of Pages : 47 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International (71)Name of Applicant : :A61K31/7024,A23L1/30,A23L1/305 1)MORISHITA JINTAN CO. LTD. classification (31) Priority Document No :2011285694 Address of Applicant :2 40 Tamatsukuri 1 chome Chuo ku Osaka shi Osaka 5408566 Japan (32) Priority Date :27/12/2011 (72)Name of Inventor: (33) Name of priority :Japan country 1)NISHIDA Norihisa (86) International 2)NAGATOMO Akifumi :PCT/JP2012/083992 Application No 3)ITO Hideyuki :27/12/2012 Filing Date (87) International :WO 2013/100105 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(54) Title of the invention : MAILLARD REACTION INHIBITOR

(57) Abstract :

Provided are: a Maillard reaction inhibitor which can inhibit the progress of a Maillard reaction in a living body effectively does not cause any adverse side effect can be applied safely and can be produced without requiring any complicated process; and an anti aging agent for skin an anti diabetic complication agent a food and a beverage in each of which the Maillard reaction inhibitor is used. The Maillard reaction inhibitor according to the present invention contains 50 to 90 mass% of a polyphenol as an active ingredient. The Maillard reaction inhibitor according to the present invention has a potent inhibitory activity on a Maillard reaction and therefore can inhibit a Maillard reaction in a living body efficiently and can prevent and improve various functional disorders of proteins occurring in a living body. Due to this activity the Maillard reaction inhibitor can prevent aging and is useful for the prevention and treatment of diabetic complications. When the tannin is added to a collagen containing food or beverage the occurrence of a Maillard reaction in the food or beverage can be prevented to thereby prevent the deterioration of the food or beverage and the occurrence of a Maillard reaction in a living body can also be prevented.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMBINATION OF (3S 3S) 4 4 DISULFANEDIYLBIS(3 AMINOBUTANE 1 SULFONIC ACID) AND A SECOND ANTIHYPERTENSIVE AGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/255,A61K31/401,A61K31/403 :11306735.9 :21/12/2011 :EPO :PCT/EP2012/076607 :21/12/2012 :WO 2013/092984 :NA :NA :NA :NA	 (71)Name of Applicant : QUANTUM GENOMICS Address of Applicant :Btiment LOdysse 2 12 chemin des Femmes F 91300 Massy France INSERM (INSTITUT NATIONAL DE LA SANT‰ ET DE LA RECHERCHE M‰DICALE) (72)Name of Inventor : LLORENS CORTES Catherine MARC Yannick GAO DESLIENS Ji BALAVOINE Fabrice SEGARD Lionel
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(57) Abstract :

The present invention relates to a pharmaceutical composition comprising in at least one pharmaceutically acceptable support or vehicle a combination of (3S 3S) 4 4 disulfanediylbis(3 aminobutane 1 sulfonic acid) or a pharmaceutically acceptable salt or solvate thereof and a second active ingredient selected from the group consisting of angiotensin I converting enzyme inhibitors and angiotensin II receptor type I antagonists. Said composition isparticularly useful for the treatment of hypertension and related diseases and conditions.

No. of Pages : 23 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF HIGHLY PURIFIED WATER FROM FISCHER-TROPSCH DERIVED WATER □

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:60/390,684	1)SASOL TECHNOLOGY (PTY) LTD.
(32) Priority Date	:18/06/2002	Address of Applicant :1 Sturdee Avenue Rosebank 2196
(33) Name of priority country	:U.S.A.	Johannesburg South Africa
(86) International Application No	:PCT/ZA2003/0081	(72)Name of Inventor :
Filing Date	:18/06/2003	1)DANCUART KOHLER Luis Pablo Fidel
(87) International Publication No	: NA	2)DU PLESSIS Gert Hendrik
(61) Patent of Addition to Application	:NA	3)DU TOIT Francois Jacobus
Number	:NA	4)KOPER Edward Ludovicus
Filing Date		5)PHILLIPS Trevor David
(62) Divisional to Application Number	:4163/DELNP/2004	6)VAN DER WALT Janette
Filed on	:28/12/2004	

(57) Abstract :

A process for the production of highly purified water from Fischer-Tropsch reaction water which includes a preliminary treatment stage a primary treatment stage comprising degassing followed by distillation of degassed steam a secondary treatment stage comprising biological treatment a tertiary treatment stage comprising solid-liquid separation and a final treatment stage comprising a dissolved salt and organic removal stage.

No. of Pages : 25 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04R3/00 :NA :NA :NA :PCT/IB2012/050227 :17/01/2012 :WO 2013/108077 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY ERICSSON COMMUNICATIONS AB Address of Applicant :Nya Vattentornet S 221 88 Lund Sweden (72)Name of Inventor : 1)NYSTROM Martin
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(54) Title of the invention : HIGH DYNAMIC RANGE MICROPHONE SYSTEM

(57) Abstract :

The invention is directed to systems methods and computer program products associated with a microphone system for receiving a sound and producing an output signal representing the sound. The micro¬ phone system has a first and a second microphone having a first and a second dynamic range respectively the microphones to receive the sound and produce a first and a second sound signals respectively based on the received sound wherein the first dynamic range and the second dynamic range overlap thereby forming a transition dynamic range and processing logic operatively coupled to the first microphone and the second microphone. The processing logic is configured to receive the first and the second sound signals from the first and the second microphones respectively and generate the output signal by combining the first and the second sound signals.

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH SPEED TURBINE

(51) International classification	:H02K31/00,H02K16/00	(71)Name of Applicant :
(31) Priority Document No	:2011905265	1)HERON ENERGY PTE LTD
(32) Priority Date	:16/12/2011	Address of Applicant :80 Raffles Place #46 01 UOB Plaza 1
(33) Name of priority country	:Australia	Singapore 04862 Singapore
(86) International Application No	:PCT/AU2012/000345	(72)Name of Inventor :
Filing Date	:05/04/2012	1)GUINA Ante
(87) International Publication No	:WO 2013/086558	2)KELLS John
(61) Patent of Addition to Application	.NT 4	3)LABES Kurt
Number	:NA	4)GALT Stuart
Filing Date	:NA	5)DE BEER Johannes S.
(62) Divisional to Application Number	:NA	6)SERCOMBE David B.T.
Filing Date	:NA	7)FUGER Rene

(57) Abstract :

A number of configurations of a high speed electromagnetic turbine (1300) are discussed. The turbine (1300) includes a housing (1301) includes at least superconducting coil (1307) for the generation of a magnetic field the coil being retained within a cryogenic envelope of a cryogenic body (1306). The turbine (1300) includes also includes rotor assembly including one or more rotors (13091) (13092) (13093) (13094) (13095) and (13096) positioned on shaft (1310). The rotor being received within the bore (1308) formed between the interior walls of the body (1306) such that it is immersed in the magnetic field. As the current is passed through the rotor assembly the induced force due to the interaction of the current with the magnetic is translated into a torque on the shaft (1310).

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61N5/10	(71)Name of Applicant :
(31) Priority Document No	:102012002466.5	1)CARL ZEISS MEDITEC AG
(32) Priority Date	:08/02/2012	Address of Applicant :Gschwitzer Strae 51 52 07745 Jena
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/000349	(72)Name of Inventor :
Filing Date	:06/02/2013	1)KLEINWAECHTER Timo
(87) International Publication No	:WO 2013/117324	2)HAUSAM Volker
(61) Patent of Addition to Application	:NA	3)REITER Zoran
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FLEXIBLE APPLICATOR FOR RADIATION THERAPY

(57) Abstract :

The invention relates to an applicator (1) for use in radiation therapy comprising: a main part (2) for receiving a radiation source said main part (2) having a hollow chamber in the main part interior wherein the hollow chamber extends along a main axis (A) of the main part; and an absorption body (4) which is movably connected to the main part (2) and which influences the radiation exiting the radiation source such that a preferred radiation direction is defined. The absorption body (4) can be moved relative to the main part (2) such that the preferred radiation direction can be tilted relative to the main axis (A) of the main part into a plurality of different positions.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROTECTIVE DENTAL POST SYSTEM FOR TEETH WITH EXCESSIVE DENTAL MATERIAL LOSS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:06/11/2012 :WO 2013/100868 :NA :NA :NA	 (71)Name of Applicant : 1)SERHAN Akman Address of Applicant :Selcuk Universitesi Dis Hekimligi Fakultesi 42131 Konya Turkey (72)Name of Inventor : 1)SERHAN Akman
Filing Date	:NA	

(57) Abstract :

The invention is about the dental post system designed to protect the dental tissues left and is aimed to use for the treatment of teeth with excessive dental material loss in the fields of endodontic prosthetic dental treatment and pedodontics.

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DISTRIBUTION PLATE FOR CROSSFLOW FILTRATION CASSETTES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (37) International Publication No (37) Patent of Addition to Application Number Filing Date (38) Divisional to Application Number Filing Date (31) Patent (32) Priority Country (33) Name of priority Country (34) Name of priority Country (35) Name of priority Country (35) Name of priority Country (36) International Publication No (37) Patent of Addition to Application (37) NA (38) NA (39) Name of Publication Number (31) NA (31) Name of Publication Number (32) Name of Publication Number (34) Name of Publication Number (35) NA (36) Divisional to Application Number (36) NA 	1)EKSTR–M Karl
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(57) Abstract :

The invention discloses a distribution plate for supplying crossflow filtration cassettes which comprises a surface two opposite end walls two opposite side walls a feed channel in fluid communication with a feed inlet port and with a plurality of feed apertures; a retentate channel in fluid communication with a retentate outlet port and with a plurality of retentate apertures; and a permeate channel in fluid communication with a plurality of permeate apertures; wherein the feed channel the retentate channel and the permeate channel extend in a direction essentially parallel with one or both side walls; wherein the feed apertures are grouped at a first area on the surface the retentate apertures are grouped at a second area on the surface; wherein the permeate apertures are located at the first and/or the second area; and wherein a plurality of permeate connector channels extend inside the plate from at least one region of the permeate channel adjacent thepermeate outlet ports and the permeate connector channels provide fluidic communication between the permeate apertures and the permeate channel.

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SPARC ANTISENSE COMPOSITIONS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 48/00 :61/224,431 :09/07/2009 :U.S.A. :PCT/US2010/041600 :09/07/2010 :WO 2010/006121 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ABRAXIS BIOSCIENCE, LLC Address of Applicant :11755 WILSHIRE BOULEVARD, SUITE 2000, LOS ANGELES, CALIFORNIA 90025, UNITED STATES OF AMERICA, (72)Name of Inventor : 1)TRIEU, VUONG 2)HWANG, LARN 3)DESAI, NEIL
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(57) Abstract :

The invention provides SPARC antisense oligonucleotides and methods of their use in proliferative diseases such as cancer and hepatic fibrosis.

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(• •) •••••••••••••••••••••••		
(51) International classification	:F16K 51/00	(71)Name of Applicant :
(31) Priority Document No	:12/510, 937	1)B. BRAUN MEDICAL INC.
(32) Priority Date	:28/07/2009	Address of Applicant :824 TWELFTH AVENUE,
(33) Name of priority country	:U.S.A.	BETHLEHEM, PENNSYLVANIA, CALIFORNIA 18018,
(86) International Application No	:PCT/US2010/039849	U.S.A.
Filing Date	:24/06/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/016918	1)EDWIN L. BURNARD
(61) Patent of Addition to Application	:NA	2)DAVID M. NELSON
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NEEDLELESS ACCESS PORT VALVES

(57) Abstract :

Needleless access port valves are generally discussed herein with particular discussions extended to needleless access port valves incorporating a piston comprising slit along an upper piston section for accommodating fluid flow. The slit opens when the piston is compressed by a medical implement, such as a syringe tip, to permit fluid communication between the inlet and the outlet of the vale housing. The slit may be cut using high frequency cutting machine or a multi-axis robot arm and a cutting blade.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPLIANCE CONTAINER USED IN DAILY LIFE AND METHOD OF TAKING OUT AND APPLICATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:201110416889.8 :13/12/2011 :China :PCT/CN2012/086504 :13/12/2012 :WO 2013/086991 :NA	 (71)Name of Applicant : 1)BELJING RED SEA TECH CO. LTD. Address of Applicant :B416 Room No. 218 1 Wangfujing Street Dongcheng District Beijing 100006 China (72)Name of Inventor : 1)CHEN Zengxin
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed in the present invention are an appliance a container and method of taking out and application thereof. The method of taking out comprises the following steps: pressurizing a pressure transmitting channel by a pressurizing component so as to drive the pressure transmitting medium in the pressure transmitting channel to move; said pressure transmitting medium drives the opening of the substance taking component in a container body to be closed; said pressure transmitting component stops pressurizing and the substance taking component to move outwards along a flowing out channel; the pressurizing component stops pressurizing and the substance contained in said substance taking component stops flowing outwards; said pressure transmitting medium flows back along the pressure transmitting channel and the opening of said substance taking component in the container body entering into the substance taking component through the opening of said substance taking component in the container body. This method has simple steps easy operation accurate quantity and high reproducibility the application in food cosmetics disinfection products and pharmaceutical field can avoid product to be contaminated oxidized deteriorated or volatilized.

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF MANUFACTURING CAGE GEAR BY INVOLVING HOT FORGING PROCESS

(51) International classification	:F16C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHIVAM AUTOTECH LIMITED
(32) Priority Date	:NA	Address of Applicant :303, 3RD FLOOR, SQUARE ONE, C-
(33) Name of priority country	:NA	2, SAKET DISTRICT CENTRE, SAKET, NEW DELHI-110017,
(86) International Application No	:NA	INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. NEERAJ MUNJAL
(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 the method of manufacturing cage gear, particularly to be used in two wheelers such as motor bikes; wherein the major structural features of the said cage gear are achieved during hot forging process.

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PREPARING SEAT PIPE USING HOLLOW PIPES ON HYDRAULIC PRESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No. 	:NA :NA :NA	 (71)Name of Applicant : 1)SHIVAM AUTOTECH LIMITED Address of Applicant :303, 3RD FLOOR, SQUARE ONE, C-2, SAKET DISTRICT CENTRE, SAKET, NEW DELHI-110017,
(86) International Application No Filing Date	:NA :NA	INDIA Delhi India (72) Name of Inventor :
(87) International Publication No	: NA	1)MR. NEERAJ MUNJAL
(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 the manufacturing a seat pipe by cold extrusion process wherein the initial material received for billet cutting is hollow metallic pipe of certain thickness and inner diameter, wherein the complete head section and its inner surface profile as the regular hexagon is achieved in cold forging operations.

(22) Date of filing of Application :12/11/2013

(54) Title of the invention : PROCESS OF SEAT PIPE PRODUCTION FROM SOLID METAL COIL THROUGH COLD EXTRUSION OPERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA : NA :NA :NA :NA	 (71)Name of Applicant : 1)SHIVAM AUTOTECH LIMITED Address of Applicant :303, 3RD FLOOR, SQUARE ONE, C-2, SAKET DISTRICT CENTRE, SAKET, NEW DELHI-110017 INDIA Delhi India (72)Name of Inventor : 1)MR. NEERAJ MUNJAL
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of seat pipe production by cold extrusion operations, particularly in continuous manner in automation, from the solid metal coil received as the raw material for the purpose. Towards the proposed manufacturing of the seat pipe, the cold extrusion operations are strategically performed on the solid cylindrical piece of billet, freshly cut from the metallic coil received, preferably in multiple steps, using suitable multiple set(s) of dies.

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : CABLE FORMING MACHINE AND THE PROCESS THEREOF

	DCOV	
(51) International classification	:B62K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDEUTSCH INTERNATIONAL
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 42, N.S.E.Z. NOIDA
(33) Name of priority country	:NA	PHASE-II, UP 201305 INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAIN, SANDEEP
(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 related to a cable forming machine and the method of forming/griping on a plastic cable, wherein said cable forming machine is provisioned for forming/griping cable mechanically involving heating elements and manual support therein.

(21) Application No.423/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:A61K 39/00	(71)Name of Applicant :
(31) Priority Document No	:0900904-4	1)ITH IMMUNE THERAPY HOLDINGS AB
(32) Priority Date	:02/07/2009	Address of Applicant : AVD. UNIVESITETSSJUKHUSET
(33) Name of priority country	:Sweden	SOLNA, 171 76 STOCKHOLM, SWEDEN
(86) International Application No	:PCT/EP2010/003946	(72)Name of Inventor :
Filing Date	:02/07/2010	1)SUSANNE GABRIESSON
(87) International Publication No	:WO 2010/000551	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : EXOSOME BASED TREATMENT OF CANCER

(57) Abstract :

A method of treating cancer in a patient comprises immortalizing B cells collected from the patient by infection with Epstein Barr virus, transforming the cells to a latent stage, culturing the cells in the presence of a cancer antigen, harvesting exosomes released from the cells, administering the exosomes to the patient. Alternatively the harvested exosomes are loaded with cancer antigen.

(21) Application No.5807/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/32 :2012009328 :19/01/2012 :Japan :PCT/JP2013/050212 :09/01/2013 :WO 2013/108689 :NA :NA :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)SATO Kazushi
Fling Date	INA	

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

(57) Abstract :

The present disclosure relates to an image processing device and a method that are capable of improving processing efficiency by parallel processing during encoding or decoding of motion vectors. For an applicable PU motion vector information for B C and E being PU adjacent below the PU and motion vector information for A and D being adjacent below a PU positioned above the PU in a CU are used. For the PU PU corresponding to A becomes PU therefore A is set instead of A as the adjacent area for the PU. This disclosure can be applied for example to an image processing device.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLUID FILTER ASSEMBLY WITH A FILTER CARTRIDGE AND HOUSING INTERFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12/01/2012 :U.S.A. :PCT/US2012/070911 :20/12/2012 :WO 2013/106185 :NA	 (71)Name of Applicant : 1)DAVCO TECHNOLOGY LLC Address of Applicant :1600 Woodland Drive P.O. Box 487 Saline MI 48176 U.S.A. (72)Name of Inventor : 1)CHAJEC Zdzislaw 2)CENTLIVRE Michael J. 3)TERRY Brian J. 4)CURT Carey A.
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fluid filter assembly having a filter cartridge and housing interface to indicate whether a replacement filter cartridge is proper and desirable for the fluid filter assembly. A substantially cylindrical interface is connected to and extends from the filter cartridge and is matingly received by a bore provided in a boss of a housing of the fluid filter assembly. A means for indicating at least one characteristic of the filter cartridge is provided to ensure the replacement filter cartridge is proper and desirable for the fluid filter assembly.

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C09B 62/44	(71)Name of Applicant :
(31) Priority Document No	:09167920.9	1)HUNTSMAN ADVANCED MATERIALS
(32) Priority Date	:14/08/2009	(SWITZERLAND) GMBH
(22) Name of mignity accentry	:EUROPEAN	Address of Applicant : LEGAL SERVICES DEPARTMENT,
(33) Name of priority country	UNION	KLYBECKSTRASSE 200, CH-4057 BASEL, SWITZERLAND,
(86) International Application No	:PCT/EP2010/059292	(72)Name of Inventor :
Filing Date	:30/06/2010	1)ATHANASSIOUS TZIKAS
(87) International Publication No	:WO 2010/018274	2)HERBERT KLIER
(61) Patent of Addition to Application	. NT A	3)GEORG ROENTGEN
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FIBRE-REACTIVE AZO DYES, THEIR PREPARATION AND THEIR USE

(57) Abstract :

Reactive dyes of the formula wherein B is an aliphatic bridging member, G is a sulfo naphthalene group or a sulfo benzene group of the formula (HO3S)k a pyridone radical of the formula R1, R2, R3 and R4 are each independently of the others hydrogen or unsubstituted or substituted C1-C4alkyl, (R5)h denotes h identical or different substituents selected from the group sulfo, C1-C4alkyl and C1-C4alkoxy, R6 is hydrogen, sulfo, halogen, carboxy, C1-C4alkyl, C1-C4alkoxy or a fibre-reactive group Z, of the formula - SO2-Y (3a), -NH-CO-(CH2)1-SO2-Y (3b), -CONH-(CH2)m-SOrY (3c), -NH-CO-CH(Hal)-CH2-Hal (3d) or -NH-CO-C(Hal)=CH2 (3e), R7 is amino, C1-C4alkyl or a fibre-reactive group Z2 of the formula -NH-(CH2)n-SO2-Y (3a), (R8)j denotes j identical or different substituents selected from the group sulfo, C2- C4alkanoylamino, ureido, C1-C4alkyl and C1-C4alkoxy, R9 is hydrogen, C1-C4alkyl or C1-C4alkoxy, R10 is hydrogen or C1-C4alkyl, R11 is hydrogen, cyano, carbamoyl or sulfomethyl, and R12 is hydrogen, C1-C4alkyl, or phenyl which is unsubstituted or substituted by C1-C4alkyl, C1- C4alkoxy, C2-C4alkanoylamino, ureido, halogen or sulfo, X1 and X2 are halogen, Hal is chlorine or bromine, h and j are each independently of the other a number 0,1 or 2, k is a number 1, 2 or 3, I, m and n are each independently of the other a number 2, 3 or 4, and Y is vinyl or a radical -CH2-CH2-U and U is a group removable under alkaline conditions, with the proviso that the dye of formula (1) contains at least one fibre-reactive group Z1 or Z2 are suitable for dyeing cellulosic or amide-group-containing fibre materials.

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification :H04W 48/18 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) :12/487,267 (32) Priority Date Address of Applicant :SE-164 83 STOCKHOLM (SE) :18/06/2009 (33) Name of priority country :U.S.A. Sweden (86) International Application No :PCT/SE2009/050941 (72)Name of Inventor: **1)SACHS, JOACHIM** Filing Date :19/08/2009 (87) International Publication No :WO 2010/147527 2)RUNE, JOHAN (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR SELECTING NETWORK ACCESS SYSTEM

(57) Abstract :

A system according to some embodiments of the invention includes (1) a component (e.g. ANDSF) that provides a cell selection rule to a UE and (2) a component (e.g. an access node) that provides the UE with information about the load in the cell currently utilized by the UE. This enables the UE to determine whether to leave the cell, which may be a 3GPP cell, and use a different cell, which may be a non-3 GPP cell, by applying the cell selection rule in conjunction with its knowledge about the load of the cell.

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PREPARING FATTY ACID ALKYL ESTER USING FATTY ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:C10L 1/19 :PCT/KR2006/001620 :28/04/2006 :PCT	 (71)Name of Applicant : 1)SK CHEMICALS CO., LTD. Address of Applicant :600, JEONGJA 1-DONG, JANGAN-GU, SUWON-SI, GYEONGGI-DO, 440-745, REPUBLIC OF KOREA. (72)Name of Inventor : 1)CHUN SHIN-HO 2)CHO HYUN-JUN 3)ROH HANG-DUK 4)LIM JAE-BONG 5)LEE JONG-IN 6)MOON CHAN-WOO 7)KIM BYUNG-HUI
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(57) Abstract :

The present invention relates to an apparatus for preparing fatty acid alkyl ester for bio-diesel fuels, the apparatus comprising a first reactor (11) for esterifying fatty acid raw material (1) with alcohol (2) without using catalyst under a temperature of 200°C to 350°C and a pressure of atmospheric pressure to 10 bar and for converting 80 to 90% of total fatty acid into fatty acid alkyl ester; and a second reactor (12) for converting remaining fatty acid unconverted at the first reactor (11) into fatty acid alkyl ester without using catalyst, wherein a mixture containing water produced at the first reactor (11) and the excess alcohol which is unreacted at the first reactor (11) is extracted in gas phase through the upper part of the first reactor (11).

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

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(51) International classification	:B60N2/48	(71)Name of Applicant :
(31) Priority Document No	:10 2012 000 903.8	1)JOHNSON CONTROLS GMBH
(32) Priority Date	:19/01/2012	Address of Applicant :Industriestrae 20 30 51399 Burscheid
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/050953	(72)Name of Inventor :
Filing Date	:18/01/2013	1)DILLINGER Thomas
(87) International Publication No	:WO 2013/107868	2)JAKUBEC Thomas
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ARTICULATING HEAD RESTRAINT

(57) Abstract :

The invention relates to a head restraint in which the angle of inclination of a support structure relative to a holding means in particular a holding bar can be adjusted.

(21) Application No.5810/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/32 :2012009329 :19/01/2012 :Japan :PCT/JP2013/050213 :09/01/2013 :WO 2013/108690 :NA :NA :NA :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)KONDO Kenji
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(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(57) Abstract :

The present technology pertains to an image processing device and method that enable the prevention of the device becoming high cost. A setting unit sets identification information for identifying the correspondence between the size of an image block and an alteration in prediction method used on the block and an inter prediction unit generates a predicted image in accordance with the identification information. An encoder encodes the block using the predicted image and generates an encoded stream. Also the encoder transmits the encoded stream and identification information. The present technology can for example be applied to such cases as when encoding/decoding an image.

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.5811/DELNP/2014 A

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ORGANIC EMULSION COMPRISING DHA AND EPA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/EP2013/050447 :11/01/2013 :WO 2013/104740	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 The Heerlen Netherlands (72)Name of Inventor : 1)VOELKER Karl Manfred 2)HUG Denis 3)LINDEMANN Thomas
Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	
Number Filing Date	:NA	

(57) Abstract :

The present invention relates to an emulsion of an oil composition comprising docasoahexaenoic acid (DHA) and eicosapentaenoic acid (EPA) which is characterised in that the emulsion is essentially free from ascorbyl palmitate.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(21) Application No.5812/DELNP/2014 A

(43) Publication Date : 15/05/2015

(51) International classification	:C08L77/06,C08K7/14	(71)Name of Applicant :
(31) Priority Document No	:12154215.3	1)DSM IP ASSETS B.V.
(32) Priority Date	:07/02/2012	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2013/052307	(72)Name of Inventor :
Filing Date	:06/02/2013	1)BURGT VAN DER Frank
(87) International Publication No	:WO 2013/117580	2)DUIS Patrick Gerardus
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NON BLISTERING POLYAMIDE COMPOSITION

(57) Abstract :

The invention relates to a polyamide composition with an increased resistance against blistering that is for example the result of a reflow soldering process. The composition comprises: A) 99 50 wt% of at least one polyamide A derived from: A1) at least one di amine monomer having 4 carbon atoms and wherein the amount of C4 diamine is at least 2 mol% relative to the total amount of di amine and A2) at least one di acid monomer wherein at least one of the monomers has at least one aromatic structural unit and wherein the polyamide A has a molecular weight expressed as Mn of at least 9000 g/mol and B) 1 50 wt% of at least one reinforcing agent and C) 0 20 wt% of inorganic fillers and/or additives D) 0 49 wt% of one or more polymers other than A) wherein the sum of A B C and D amounts to 100 wt%. The invention also relates to the use of the polyamide composition and to a shaped article made out of the polyamide composition.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTROL SYSTEM METHOD FOR CONTROLLING CONTROL SYSTEM AND RECORDING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B41J29/38,G07G1/06,G07G1/14 :2012048496 :05/03/2012 :Japan	 (71)Name of Applicant : 1)SEIKO EPSON CORPORATION Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku Tokyo 1630811 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2013/001284 :01/03/2013 :WO 2013/132809	(72)Name of Inventor :1)TAKASU Kazuhiro2)TSUTSUMI Koichiro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

This control system (1) has an input device for reading and outputting input information a printer (11) connected to the input device and a tablet terminal (10) connected to the printer (11); and the printer (11) distinguishes the input device of the input source and outputs input information to the tablet terminal (10) when input information has been outputted from the input device.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification :C10G7/06 (71)Name of Applicant : (31) Priority Document No 1)SHELL INTERNATIONALE RESEARCH :12151394.9 (32) Priority Date :17/01/2012 MAATSCHAPPIJ B.V. (33) Name of priority country Address of Applicant : Carel van Bylandtlaan 30 NL 2596 HR :EPO (86) International Application No :PCT/EP2013/050667 The Hague Netherlands (72)Name of Inventor: Filing Date :15/01/2013 (87) International Publication No :WO 2013/107738 **1)AMALE Amit Sureshrao** (61) Patent of Addition to Application 2)VAN DOESBURG Edmundo Steven :NA Number **3)WILKINSON Peter Mervyn** :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(54) Title of the invention : PROCESS FOR VACUUM DISTILLATION OF A CRUDE HYDROCARBON STREAM

(57) Abstract :

The invention relates to a process for vacuum distillation of a hydrocarbon stream comprising i) passing a hydrocarbon stream into a preflash vessel maintained under conditions to separate the hydrocarbon stream into a preflash liquid and a preflash vapor ii) passing the preflash liquid into a vacuum furnace maintained under conditions to heat and partly vaporize the preflash liquid iii) passing the heated furnace effluent into a zone located in the lower part of a vacuum distillation column maintained under fractionating conditions and iv) passing the preflash vapor into the vacuum distillation column into a further zone located in the lower part of the vacuum distillation column. The invention also relates to a high vacuum unit (HVU) configured to perform the vacuum distillation process.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(54) Title of the invention : MULTI CHAMBER MIXING CONTAINER

(43) Publication Date : 15/05/2015

:A61M5/24,A61M5/315	(71)Name of Applicant :
:11075274.8	1)B. BRAUN MELSUNGEN AG
:22/12/2011	Address of Applicant :Carl Braun Strasse 1 34212 Melsungen
:EPO	Germany
:PCT/EP2012/076518	(72)Name of Inventor :
:20/12/2012	1)HARAND Ralf
:WO 2013/092934	2)KRGER Volker
.NI 4	3)BEINE Joachim
	4)VONHOF Sandra
INA	
:NA	
:NA	
	:11075274.8 :22/12/2011 :EPO :PCT/EP2012/076518 :20/12/2012 :WO 2013/092934 :NA :NA :NA

(57) Abstract :

The invention relates to a multi chamber mixing container comprising an invertible container a removable container and various optionally present intermediate containers furthermore to a device for receiving and applying the multi chamber mixing container and to methods for mixing liquids or liquids and solids under aseptic conditions in the multi chamber mixing container.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COLLATERAL GENE INACTIVATION BIOMARKERS AND TARGETS FOR CANCER THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/5/0366 :14/12/2011 :U.S.A. :PCT/US2012/069767 :14/12/2012 :WO 2013/090732	 (71)Name of Applicant : 1)THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM Address of Applicant :201 W. 7th Street Austin TX 78701 U.S.A. 2)DANA FARBER CANCER INSTITUTE INC. (72)Name of Inventor : 1)MULLER Florian L. 2)FLETCHER SANANIKONE Eliot 3)COLLA Simona 4)AQUILANTI Elisa 5)DEPINHO Ronald
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(57) Abstract :

Methods for treating a subject determined to have a cancer comprising a heterozygous inactivation of a housekeeping gene (or a homozygous deletion of a functionally redundant housekeeping gene) by treating the subject with an inhibitor of the gene. For example a subject having a cancer with an ENO gene deletion can be treated with a glycolysis inhibitor such as an enolase inhibitor. In some aspects a subject having a cancer with an ARS gene deletion can be treated with an ARS inhibitor.

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MULTISTAGE METHOD FOR PRODUCING A HYDROGEN CONTAINING GASEOUS FUEL AND THERMAL GAS GENERATOR PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C10G47/00,C01B3/02,C01B3/32 :2011152015 :20/12/2011 :Russia :PCT/RU2012/000943 :16/11/2012 :WO 2013/095190 :NA :NA	 (71)Name of Applicant : 1)NAUCHNO PROEKTNOE PROIZVODSTVENNO STROITELNOE OBEDINENIE GRANTSTROI Address of Applicant :ul. Gercena 102 Stavropol 355005 Russia (72)Name of Inventor : 1)ARAKELIAN Gamlet Gurgenovich 2)ARAKELIAN Artur Gamletovich 3)ARAKELIAN Granat Gamletovich
e	:NA :NA	

(57) Abstract :

The invention relates to a method for producing a hydrogen containing gaseous fuel in a turbogenerator plant. The multi stage method for producing a hydrogen containing gaseous fuel (G.G. Arakelyan method) is implemented in a turbogenerator plant which performs at least three stages of separation of process flows and comprises separation of the supply of water and hydrocarbon component wherein in the first stage water is fed for heating and steam generation in the second stage the hydrocarbon component is fed and is then mixed with the steam by an injection method and the mixture is heated and passed on to the third and subsequent steps of heating to produce fuel and then the fuel produced is passed on from the latter step to the inlet of a firing system for forming a firing flare which heats a process cylinder for the multi step formation of fuel and a working flare and some of the fuel is directed for external use.

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR H3N2 H2N2 AND B INFLUENZA VIRUSES

(51) International classification:C07K14/11,C12N15/44,A61K39/14(31) Priority Document No:61/596014(32) Priority Date:07/02/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2013/024957(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/119683(62) Divisional to Filing Date:NA :NA(52) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION Address of Applicant :200 Gardner Steel Conference Center Thackeray and OHara Streets Pittsburgh PA 15260 U.S.A. (72)Name of Inventor : 1)ROSS Ted M. 2)CARTER Donald M. 3)CREVAR Corey J.
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(57) Abstract :

Described herein is the generation of optimized H3N2 H2N2 and B influenza HA polypeptides for eliciting a broadly reactive immune response to influenza virus isolates. The optimized HA polypeptides were developed through a series of HA protein alignments and subsequent generation of consensus sequences based on H3N2 H2N2 and B influenza isolates. Provided herein are optimized H3N2 H2N2 and B influenza HA polypeptides and compositions fusion proteins and VLPs comprising the HA polypeptides. Further provided are codon optimized nucleic acid sequences encoding the HA polypeptides. Methods of eliciting an immune response against influenza virus in a subject are also provided by the present disclosure.

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TERMINAL FITTING		
(51) International classification(31) Priority Document No	:2012011013	(71)Name of Applicant : 1)AUTONETWORKS TECHNOLOGIES LTD.
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:23/01/2012 :Japan :PCT/JP2012/082146 :12/12/2012	Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi Mie 5108503 Japan 2)SUMITOMO WIRING SYSTEMS LTD. 3)SUMITOMO ELECTRIC INDUSTRIES LTD.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2013/111465 :NA :NA	 (72)Name of Inventor : 1)AIZAWA Takeshi 2)MORIKAWA Satoshi 3)UCHIYAMA Yoshihiro
(62) Divisional to Application Number Filing Date	:NA :NA	4)TAKEDA Kazuaki 5)TONOSAKI Takashi

(57) Abstract :

The present invention provides a female terminal fitting (20) to be crimped onto a wire comprising a core (12) formed by joining a plurality of wire strands (11) together the terminal fitting being provided with: a bottom plate section (22) upon which the core (12) is to be placed; and a pair of barrel pieces (25L 25R) that are interconnected to the bottom plate section (22) so as to wrap around the core (12) placed on the bottom plate section (22) said barrel pieces to be crimped onto the core (12). Thin sections (27) are formed on the butt portions of the barrel pieces (25L 25R) and the thin sections (27) deform when the crimping pieces (25L 25R) are crimped onto the core (12) resulting in the formation of corner sections (30). Since the thin sections (27) preferentially deform upon crimping and corner sections (30) are formed therefrom the gaps formed at the butt portions of the barrel pieces (25L 25R) can be made smaller in comparison to when there are no thin sections (27).

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : A METHOD OF TIME SYNCHRONIZATION OF FREE RUNNING NODES IN AN AVIONICS NETWORK

I04N 3/027,587 5/02/2011 J.S.A. JA JA JA JA	 (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)BOBREK, PAVLO 2)VANDORP, JEFFREY 3)MOLLING, HARRY
	5)MOLLING, HARRI
IA JA	
	3/027,587 5/02/2011 U.S.A. IA IA IA IA

(57) Abstract :

A method of synchronizing a local estimation of global network time (LNT) of a receiving node (70, 76, 80, 84, 90, and 94) on a network to a global network time reference (GNT) is provided. The free running nodes (70, 76, 80, 84, 90, and 94) receive precise time protocol synchronization messages and determine a ratio (R) and an offset (TO) based on time data extracted from the messages.

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : STATIONERY EQUIPMENT

(51) International classification	:B61H	(71)Name of Applicant :
(21) Priority Document No	:2011-	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO.,
(31) Priority Document No	138162	LTD.
(32) Priority Date	:22/06/2011	Address of Applicant :3, KANDA NERIBEI-CHO,
(33) Name of priority country	:Japan	CHIYODA-KU TOKYO 101-0022, JAPAN.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ONO JUNJI
(87) International Publication No	:NA	2)OHAMA HIDEHARU
(61) Patent of Addition to Application Number	:NA	3)SHIRAHATA TOSHIKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention aims to provide stationary-equipment installed in a sealed space on a space-saving basis and having a favorable cooling efficiency. Stationary equipment of the present invention includes an equipment main body containing an iron core, a coil and insulating oil, a hollow pipe connected to the equipment main body to circulate the insulating oil in it and a plurality of hollow corrugated fins disposed on the pipe. The pipe and the corrugated fins are covered with a hood, a duct is connected to the hood and the duct is connected to an elongated cylindrical member vertically disposed on an inner wall of the tower to increase airflow by stack effect to increase a cooling efficiency in a wind power generation device.

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AMORPHOUS HIGH GLASS TRANSITION TEMPERATURE COPOLYESTER COMPOSITIONS METHODS OF MANUFACTURE AND ARTICLES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 	:C08G63/185,C08L67/02,C08J11/14 :13/397189 :15/02/2012 :U.S.A.	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 Riyadh 11422 Saudi Arabia (72)Name of Inventor : 1)ASTHANA Navinchandra S.
Application No Filing Date	:PCT/US2012/068907 :11/12/2012	
(87) International Publicatio No	ⁿ :WO 2013/122664	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An amorphous copolyester comprising the reaction product of (a) a monomer of formula (I) wherein R R R and R are each independently a C alkyl group a is 0 1 b is 0 4 c is 0 4 and d is 0 3 and each R is independently hydrogen or a C alkyl group; (b) a terephthalyl component selected from terephthalic acid a di(C alkyl) terephthalate and combinations thereof derived from a terephthalyl containing polyester; and (c) 1 4 cyclohexane dimethanol; wherein the monomer (a) units are present in an amount from 7 to less than 12 mole% of the copolyester based on the total moles of repeat units in the copolyester; and the copolyester has a glass transition temperature of at least 107C an intrinsic viscosity of at least 0.7 dl/g and a molded sample has a Notched Izod value of at least 290 J/m determined in accordance with ASTM D256.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ADHESIVE BASED VARICOSE VEIN TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B17/12,A61B17/00 :13/324621 :13/12/2011 :U.S.A. :PCT/US2012/069495 :13/12/2012	 (71)Name of Applicant : 1)VASCULAR INSIGHTS LLC Address of Applicant :395 Boston Post Road Madison CT 06443 2934 U.S.A. (72)Name of Inventor : 1)MARANO John P. Jr.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/090563 :NA :NA :NA :NA	2)TAL Michael

(57) Abstract :

An intraluminal member can be used to deliver an adhesive to a vein while causing the vein to spasm thereby controlling adhesive migration and improving procedure efficacy.

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NON ROLLING AEROSOL GENERATING DEVICE

(57) Abstract :

An aerosol generating device (100) comprises a heating element (406) and an external housing (500 502). The external housing is elongate and is adapted to resist rolling. An aerosol generating system comprises the aerosol generating device and a charging device (600) having a cavity (302) configured to receive the aerosol generating device.

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METEOROLOGICAL FORECASTING DEVICE AND METEOROLOGICAL FORECASTING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01W1/10 :2012034367 :20/02/2012 :Japan :PCT/JP2013/054012 :19/02/2013	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan 2)CHUDEN CTI CO. LTD. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/125527 :NA :NA :NA :NA	1)MIZUTANI Fumihiko 2)MUTO Ryuichi 3)SAKAKIBARA Atsushi 4)MONOE Daisuke 5)KOBAYASHI Aimi

(57) Abstract :

A meteorological forecasting device according to the present embodiment divides a region subject to forecasting into a grid shape and carries out meteorological forecasting for each grid point said device comprising: a communication processing unit (12) which receives an observation value of each grid point at a first time interval; an advection model computation unit (14) which with a first observation value received from the communication processing unit (12) being an initial value computes using an advection model a forecast value of each grid point at a second time interval which is shorter than the first time interval; and an advection model correction unit (15) which if a second observation value is received after the first observation value by the communication processing unit (12) corrects the advection model on the basis of the second observation value and a forecast value corresponding to the observation time of the second observation value.

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(34) The of the invention . LIQUID EJEC	TION DEVICE	
(51) International classification	:B41J2/175	(71)Name of Applicant :
(31) Priority Document No	:2012047697	1)SEIKO EPSON CORPORATION
(32) Priority Date	:05/03/2012	Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
(33) Name of priority country	:Japan	Tokyo 1630811 Japan
(86) International Application No	:PCT/JP2013/001285	(72)Name of Inventor :
Filing Date	:01/03/2013	1)TAKEUCHI Hiroshi
(87) International Publication No	:WO 2013/132810	2)YODA Hiroyuki
(61) Patent of Addition to Application	•NI A	3)OSHIMA Kenji
Number	:NA	4)AOKI Yoshisada
Filing Date	:NA	5)SHIMIZU Satoshi
(62) Divisional to Application Number	:NA	6)SAKAMOTO Kazutoshi
Filing Date	:NA	7)NOMOTO Nobuhisa
		1

(54) Title of the invention : LIQUID EJECTION DEVICE

(57) Abstract :

When an ink tank is placed for example on the exterior of an inkjet printer main body the route where a tube is placed between the ink tank and a carriage is optimized. This liquid ejection device comprises a liquid ejection device main body (2) for ejecting a liquid onto a recording medium from a liquid ejection head mounted on the carriage a liquid accommodating body (110) placed inside the liquid ejection device main body (2) and a liquid supply tube (120) placed between the liquid accommodating body (110) and the carriage; the liquid ejection device having an internal space (S) formed by the liquid ejection head and a discharge port including the area where the recording medium is discharged and the liquid accommodating body (110) being placed in the internal space (S).

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B05B5/10,B05B5/08,B05B13/02	(71)Name of Applicant :
(31) Priority Document No	:2012018649	1)HONDA MOTOR CO. LTD
(32) Priority Date	:31/01/2012	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2012/074910 :27/09/2012	 (72)Name of Inventor : 1)HIROSE Hiroaki 2)HOSHIHARA Jiyunichi 3)TATENO Hiroyuki
No	:WO 2013/114672	4)HIRAYAMA Kenji
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)KURODA Masayuki 6)OISHI Megumi
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : ELECTROSTATIC COATING DEVICE

(57) Abstract :

An electrostatic coating device in which a plurality of zones are provided along the line of transportation (L) of an object being coated (W) and an electrostatic coating machine is arranged in each of the zones; at least one of the zones being divided into an application zone (Z1) for rough application and an application zone (Z2) for main application; the voltage between the object being coated (W) and the application gun (5) in the application zone (Z1) for rough application being set so as to be smaller than the voltage between the object being coated (W) and the application gun (6) in the application zone (Z2) for main application. This configuration makes it possible to raise the coating efficiency of the electrostatic coating device and reduces wasteful use of paint.

No. of Pages : 16 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification(31) Priority Document No(32) Priority Date	:A61B6/03 :2012098374 :24/04/2012	 (71)Name of Applicant : 1)HITACHI MEDICAL CORPORATION Address of Applicant :4 14 1 Soto kanda Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1010021 Japan
(86) International Application No Filing Date	:PCT/JP2013/057583 :18/03/2013	(72)Name of Inventor : 1)GOTOTaiga
(87) International Publication No	:WO 2013/161443	2)TAKAHASHIHisashi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HIROKAWAKoichi
(62) Divisional to Application Number Filing Date	:NA :NA	
8		

(54) Title of the invention : X RAY CT DEVICE AND IMAGE RECONSTRUCTION METHOD

(57) Abstract :

To generate a reconstructed image which is suited to characteristics of a site (especially a bilaterally symmetric site) and with which an appropriate image diagnosis is possible a computation device (202): computes a back projection phase width (F1) at a rotational center (S102); computes a distance (R1) between the rotational center location which is a reference location and a pixel to be reconstructed (S103); according to the distance (R1) between the rotational center location and the pixel to be reconstructed sets a function (f1) which changes the back projection phase width (S104); computes a back projection phase width (F2) in the pixel to be reconstructed substituting a value of the distance (R1) between the rotational center location which is the reference location and a pixel to be reconstructed in the function (f1) which changes the back projection phase width (S105); computes a view weighting on the basis of the back projection phase width (F2) in the post correction pixel to be reconstructed and a slope width () of a view weighting function (S106); and reconstructs a CT image using the view weighting (S107).

No. of Pages : 90 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTROL DEVICE MONITORING SYSTEM AND MONITORING METHOD FOR CONTROL DEVICE

(51) International classification	:G06F21/56,G06F11/00,G06F11/30	(71)Name of Applicant : 1)HITACHI LTD.
(31) Priority Document No	:2012003931	Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
(32) Priority Date	:12/01/2012	Tokyo 1008280 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2013/050130 :08/01/2013	1)TERAE Hisashi 2)SHIMIZU Katsuhito 3)MASHIKO Naoya
(87) International Publication No	:WO 2013/105554	
(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 a PLC monitoring system (10) which monitors the operational state of a plurality of PLCs (1) which control an object to be controlled (5) in order to monitor the operational state of the PLCs (1) wherein the system is characterized in that a PLC (1b) from a PLC (1a) other than itself acquires a control command which has been output from a user program which is being executed at the PLC (1a) and on the basis of the acquired control command generates verification use data. Then the PLC (1b) using the verification use data verifies whether or not the transmission source PLC (1a) for the control command has been infected by a virus or transmits the verification use data to a PC (2) so that by way of the PC (2) displaying the verification use data upon a display device the user performs verification of the infection of the PLC (1a) with the virus.

No. of Pages : 51 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/06/2014

(43) Publication Date : 15/05/2015

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication Number (38) Publication Number (39) Publication Number (30) Publication Number (31) Publication Number (32) Publication Number (31) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (36) Publication Number (37) Publication Number (38) Publication Number (38) Publication Number (39) Publication Number (31) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (36) Publication Number	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan DRILLTEC PATENTS & TECHNOLOGIES CORPORATION (72)Name of Inventor : YAMAMOTO Yasuhiro CLEM David W.

(54) Title of the invention : BOX PROTECTOR FOR A THREADED JOINT FOR PIPES

(57) Abstract :

A box protector 21 for protecting the inner surface of a box 11 of a threaded joint for pipes having a female threaded portion and a shoulder surface 14 with the shoulder surface being sloped by an angle with respect to the direction perpendicular to the pipe axis has a male threaded portion 22 which threadingly engages with at least a portion of the complete threads of the female threaded portion of the box and a shoulder surface 21b which sealingly contacts the shoulder surface 14 of the box to form a first seal portion and the

shoulder surface 21b is sloped by an angle Θp ($\Theta p > \Theta$) with respect to the direction perpendicular to the pipe axis. The protector has a circumferential groove 30 in its outer peripheral surface in the vicinity of the shoulder surface 21b and an elastic seal ring 28 which contacts the shoulder surface 14 of the box 11 and forms a second seal portion.

No. of Pages : 35 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/06/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND APPARATUS FOR CONTROLLING CIRCUIT SWITCHED FALL BACK OF A MOBILE STATION FROM E UTRAN TO UTRAN/GERAN IN A FULL MULTI OPERATOR CORE NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W36/00 :61/578499 :21/12/2011 :U.S.A. :PCT/IB2012/057359 :14/12/2012 :WO 2013/093748 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)DIACHINA John Walter 2)SCHLIWA BERTLING Paul 3)MOLANDER Anders
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(57) Abstract :

Packet Switched (PS) handover based Circuit Switched Fall Back (CSFB) of a mobile station (100) is con I I trolled from an Evolved Universal Terrestrial Radio Access Network (E-UTRAN) cell (130) to a target Universal Ter restrial Radio Access Network (UTRAN) cell (110) or a tar get GSM EDGE Radio Access Network (GERAN) cell (120) in a PS domain. A network node (104) receives a handover request from a SGSN (140). A PLMN ID associated with the SGSN (140) is identified. A set of PLMN IDs transmitted as system information by the target UTRAN cell (110) or the target GERAN cell (120) is identified. A PLMN ID index is generated to indicate an association between the PLMN ID associated with the SGSN (140) and one of the PLMN IDs of the set. The PLMN ID index is communicated toward the mobile station for use during PS handover based CSFB. The mobile station (100) embeds the PLMN ID index in a Loca tion Area Update (LAU) message, and transmits the LAU message to a target BSS/RNS (104) of the GERAN/UTRAN cell (120, 110) for use during the PS handover based CSFB.

No. of Pages : 34 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VALVE OPENING CLOSING TIMING CONTROL DEVICE AND METHOD FOR ATTACHING FRONT MEMBER THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2011285866 :27/12/2011 :Japan :PCT/JP2012/081970 :10/12/2012 :WO 2013/099576 :NA :NA	 (71)Name of Applicant : 1)AISIN SEIKI KABUSHIKI KAISHA Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan (72)Name of Inventor : 1)NOGUCHI Yuji 2)KUSAKA Akihiko 3)HOMMA Atsushi 4)ASAHI Takeo 5)ADACHI Kazunari
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a valve opening closing timing control device wherein a front member is attached using multiple countersunk head screws and with which the attachment between the front member and the driving rotating body does not easily loosen; also provided is a method for attaching the front member. This valve opening closing timing control device is equipped with: a driving rotating body that rotates synchronously with a crankshaft; a following rotating body that rotates integrally with a cam shaft on the same axis as the driving rotating body; a phase control mechanism that controls the changing of the relative rotational phases of the driving rotating body and the following rotating body; a torsion coil spring that is engaged by a front member of the driving rotating body and by the following driving body and biases the following rotating body in the advance direction or the retarded direction with respect to the driving rotating body. The front member is equipped with multiple bearing surfaces provided so as to be attached with countersunk head screws and an engaging part that engages the end of the torsion coil spring with the torsion coil spring in a twisted state. The engaging part is equipped with a mounting part for a manipulating tool with which the end of the torsion coil spring is moved in the direction in which the torsion strength of the torsion coil spring increases.

No. of Pages : 27 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :20/03/2014

(43) Publication Date : 15/05/2015

(34) The of the invention . MIXER UNIT	L	
(51) International classification	:H03D7/14	(71)Name of Applicant :
(31) Priority Document No	:11182531.1	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:23/09/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050972	1)SJ-LAND Henrik
Filing Date	:14/09/2012	2)SUNDSTR-M Lars
(87) International Publication No	:WO 2013/043106	3)ANDERSON Martin
(61) Patent of Addition to Application	:NA	4)SVENSSON Jim
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : MIXER UNIT

(57) Abstract :

A mixer unit (30) for frequency translating based on an LO signal an input signal having one or more input signal components is disclosed. The mixer unit has a signal processing path (50a d 60a d) from each Input terminal (32+ 32) to each output terminal (34_I+ 34_I 34_Q+ 34_Q) of the mixer unit (30) The LO signal has an associated LO signal component (LO_Ia d LO_Qa d) for each signal processing path. The mixer unit (30) comprises a plurality of mixer switches (70a) and a control unit (90). The control unit (90) is adapted to for each signal processing path (50a d 60a d) dynamically select an associated subset in the following denoted active switch subset of the plurality of mixer switches (70a) for operation in the signal processing path (50a d 60ad) such that which of the plurality of mixer switches (70a N) belong to said active subset of the plurality of mixer switches (70a). The control unit (90) is further adapted to activate only the mixer switches (70a) in said combined active subset by for each mixer switch (70a) in the combined active subset supplying the corresponding LO signal component to the mixer switch. A related radio receiver circuit (10) a related radio communication apparatus (1 2) and a related method are also disclosed.

No. of Pages : 47 No. of Claims : 18

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ABSORBENT CORE		
(51) International classification	·A611 15/22 A611 15/42	(71)Name of Applicant :
(31) Priority Document No (32) Priority Date	:11186214.0 :21/10/2011	1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:EPO	Ohio 45202 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/060763 :18/10/2012	(72)Name of Inventor : 1)CARLUCCI Giovanni
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/059421	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
Filling Date	.INA	

(57) Abstract :

Absorbent core for disposable absorbent articles comprising absorbent gelling material and expandable microspheres.

No. of Pages : 24 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTAINER WITH FILM SPARGER		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01F3/04,B01F15/00,C12M1/06 :61/541913 :30/09/2011 :U.S.A. :PCT/US2012/058086 :28/09/2012 :WO 2013/049692 :NA :NA :NA	 (71)Name of Applicant : 1)LIFE TECHNOLOGIES CORPORATION Address of Applicant :1726 HyClone Drive Logan Utah 84321 U.S.A. (72)Name of Inventor : 1)GOODWIN Michael E. 2)JONES Nephi D. 3)WEST Derik R.

(57) Abstract :

A container assembly (13) includes a flexible bag having an interior surface bounding a chamber (40) and an opposing exterior surface the bag having a top end wall (48) a bottom end wall (50) and an encircling sidewall (42) extending therebetween the bottom end wall including a first polymeric sheet (60) overlying a second polymeric sheet (66). A first weld line welds the first polymeric sheet to the second polymeric sheet the first weld line bounding a first sparging area formed between the first polymeric sheet and the second polymeric sheet. A plurality of first perforations are formed through a portion of the first polymeric sheet that overlies the first sparging area so that gas can pass from the first sparging area through the first perforations and into the chamber of the bag.

No. of Pages : 34 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRICAL CONNECTOR AND METHOD FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R13/04,H01R13/03 :2012009929 :20/01/2012 :Japan :PCT/JP2013/050931 :18/01/2013 :WO 2013/108874 :NA :NA :NA :NA	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan 2)DOWA METALTECH CO. LTD. (72)Name of Inventor : 1)NAKAMURA Masatoshi 2)ONODERA Akifumi 3)SUGAWARA Akira 4)NARIEDA Hiroto 5)MURATA Tatsunori
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(57) Abstract :

The purpose of the present invention is to provide an electrical connector capable of stable conduction and of minimizing sliding friction as much as possible even when a contact load is small. This electrical connector (1) comprises a male connector (2) and a female connector (3) connected so as to be capable of engaging/disengaging with one another. The male connector (2) is provided with a male tab (11) and the female connector (3) is provided with a housing part (21) into which the male tab (11) is inserted. The housing part (21) is provided with a contact part (30) and a holding part (31) for compressing the male tab (11) and electrically connected to one another. A projection (40) is provided on the contact part (30) and/or the holding part (31). The male tab (11) is provided with a recess (41) capable of accommodating the projection (40). The contact part (30) the holding part (31) and the projection (40) are configured as one component.

No. of Pages : 25 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AQUEOUS SOLUTION WHICH EFFICIENTLY ABSORBS AND RECOVERS CARBON DIOXIDE IN EXHAUST GAS AND METHOD FOR RECOVERING CARBON DIOXIDE USING SAME

(51) International classification (21) Principal Decomposition	:B01D53/14,B01D53/62,C01B31/20	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL
(31) Priority Document No(32) Priority Date	:2012025170 :08/02/2012	CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008071 Japan
(86) International Application No Filing Date	^h :PCT/JP2013/052860 :07/02/2013	(72)Name of Inventor :1)HIGASHII Takayuki2)CHOWDHURY Firoz Alam
(87) International Publication	¹ :WO 2013/118819	3)GOTO Kazuya 4)ONODA Masami
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MATSUZAKI Yoichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is an aqueous solution for absorbing and recovering carbon dioxide from a gas that contains the carbon dioxide said aqueous solution containing an amino alcohol compound represented by general formula [1] and an amine compound represented by general formula [2]. (In general formula [1] R represents an alkyl group having 1 5 carbon atoms; and n represents 1 or 2.) (In general formula [2] X represents NR1R2; Y represents NR3R4; R1 R2 R3 and R4 may be the same or different and each represents an alkyl group having 1 3 carbon atoms; and m represents an integer of 3 7.)

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

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

G01P15/08	(71)Name of Applicant :
1200521.1	1)THE SECRETARY OF STATE FOR DEFENCE
13/01/2012	Address of Applicant : Whitehall London SW1 A 2HB U.K
U.K.	(72)Name of Inventor :
PCT/GB2013/000012	1)GEORGE David
11/01/2013	2)DAVIES Edward
WO 2013/104890	3)GOWER Malcolm
NT A	4)KARL Werner
	5)HOLMES Andrew
NA	
NA	
NA	
	1200521.1 13/01/2012 U.K. PCT/GB2013/000012 11/01/2013 WO 2013/104890 NA NA

(54) Title of the invention : IMPROVEMENTS IN ACCELEROMETERS

(57) Abstract :

The invention provides for an accelerometer comprising a proof mass within a fixed substrate wherein the proof mass is connected to the substrate by one or more v beams. Acceleration is determined by measuring the deflection of the v beam or beams.

No. of Pages : 11 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(51) International classification (31) Priority Document No	:G06Q10/00 :12382044.1	(71)Name of Applicant : 1)URIBE ETXEBARRIA JIMENEZ Xabier
(32) Priority Date	:06/02/2012	Address of Applicant :Calle Abasota 24 3º Izq E 48990
(33) Name of priority country	:EPO	Algorta Getxo Bizkaia Spain
(86) International Application No	:PCT/EP2012/070149	(72)Name of Inventor :
Filing Date	:11/10/2012	1)URIBE ETXEBARRIA JIMENEZ Xabier
(87) International Publication No	:WO 2013/117253	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM AND METHOD OF INTEGRATING REMOTE SERVICES

(57) Abstract :

The present invention relates to a system of integrating remote services and the method of operating said system. In a preferred embodiment the system comprises a management system a database with a table of users and a table of data associated with each user a message input and recognition system for written messages voice messages or text messages etc. an output system a dialogue system and an information exchanging system for exchanging information with remote third party services where the information exchanging system is connected to the management system and comprises connectors suitable for each type of service such that at least one connector is suitable for performing a commercial transaction that can be requested by the user. It is particularly applicable in the field of purchasing electronic tickets or products and in the field of bank transactions from a mobile terminal.

No. of Pages : 65 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AEROSOL GENERATING ARTICLE HAVING AN AEROSOL COOLING ELEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A24F47/00,A24D3/04 :12155248.3 :13/02/2012 :EPO :PCT/EP2012/077086 :28/12/2012 :WO 2013/120565 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland (72)Name of Inventor : 1)ZUBER Grard 2)MEYER Cdric 3)SANNA Daniele 4)LOUVET Alexis
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(57) Abstract :

An aerosol generating article (10) comprises a plurality of elements assembled in the form of a rod (11). The elements include an aerosol forming substrate (20) and an aerosol cooling element (40) located downstream from the aerosol forming substrate (20). The aerosol cooling element (40) comprises a plurality of longitudinally extending channels and has a porosity of between 50% and 90% in the longitudinal direction. The aerosol cooling element may have a total surface area of between 300 mm per mm length and 1000 mm per mm length. An aerosol passing through the aerosol cooling element (40) is cooled and in some embodiments water is condensed within the aerosol cooling element (40).

No. of Pages : 27 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NUCLEOTIDE SEQUENCES ENCODING FASCIATED EAR3 (FEA3) AND METHODS OF USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A01H5/10,C12N15/82 :61/610645 :14/03/2012 :U.S.A. :PCT/US2013/030672 :13/03/2013 :WO 2013/138408	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. 2)COLD SPRING HARBOR LABORATORY (72)Name of Inventor : 1)ALLEN Stephen M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)JACKSON David Peter 3)JE Byoung II 4)KOMATSU Mai 5)LEE Young Koung 6)SAKAI Hajime

(57) Abstract :

Methods and compositions for modulating shoot apical meristem size are provided. Methods are provided for modulating the expression of sequence in a host plant or plant cell to modulate agronomic characteristics such as altered size and number of organs including plant seeds.

No. of Pages : 80 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CASTING IRON BASED SPECIALITY ALLOY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Piliping Pate 	:B22D27/20,B22D25/06,B22D11/112 :2012900599 :17/02/2012 :Australia :PCT/AU2013/000140 :18/02/2013 :WO 2013/120146 :NA :NA	 (71)Name of Applicant : 1)DEAKIN UNIVERSITY Address of Applicant :1 Gheringhap Street Geelong Victoria 3220 Australia (72)Name of Inventor : 1)MUKUNTHAN Kannappar 2)STREZOV Lazar 3)HERBERTSON Joseph George 4)HODGSON Peter Damian 5)DURANDET Yvonne Claire
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for producing an iron based specialty alloy intermediate product which method comprises: (a) forming a melt of desired alloy composition; and (b) casting the melt under solidification conditions to produce an iron based specialty alloy intermediate product that has a microstructure and other properties that renders it suitable for a finishing operation. The solidification conditions are selected and controlled to produce in the intermediate product a relatively fine microstructure and to minimise or avoid macro segregation of alloy components and surface oxidation and cracks. The finishing operations can be typical metal working operations such as cold rolling hot rolling annealing. Preferably the melt is cast as a thin section strip foil or wire of thickness about 2 mm or less. Generally the properties of iron based specialty alloys are attributable to the inclusion of relatively high proportions of alloying element levels e.g. and/or Cr Ni Cu Si Al and the remainder Fe.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(51) International classification	:E04G5/00	(71)Name of Applicant :
(31) Priority Document No	:2012/01326	1)FENERCI Abdurrahman Murat
(32) Priority Date	:06/02/2012	Address of Applicant : Yesilova Mh. Kucuk Camlica Sk.
(33) Name of priority country	:Turkey	No:43 Osmangazi 16250 Bursa Turkey
(86) International Application No	•	(72)Name of Inventor :
Filing Date	:16/01/2013	1)FENERCI Abdurrahman Murat
(87) International Publication No	:WO 2013/119189	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A SCAFFOLD WITH AN AUTOMATIC INSTALLATION CHARACTERISTIC

(57) Abstract :

The present invention relates to an automatic scaffold (100) providing to reach the high building in the processes like construction repair dyeing coating and maintenance; characterized in comprising a scaffold module (130) comprising multiple superimpose layers (131) moving columns (110) providing it to be opened by means of a drive unit (116) so as to generate a working distance (A) between the said module layers (131) vertical and horizontal profiles (119 120) located between each module layers (131) within the said working distance (A) and guide elements (125) located on the carrier plates (118) and providing the vertical carrier profiles (119) to be fixed.

No. of Pages : 18 No. of Claims : 17

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TOOLS AND METHODS FOR DIFFERENTIATING SCORES IN PRODUCT TESTING ENVIRONMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:27/02/2013	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant : Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)FOLEY Mary Michele
(86) International Application No		

(57) Abstract :

The present disclosure provides tools and methods for improving differentiation in child liking scores in a product testing environment and/or to improve development of products for child consumers. In an embodiment tools for differentiating market research scores are provided and include a product rating scale having a plurality of successive scale points and a verbal anchor corresponding to each scale point and a behavioral list with a plurality of product acceptance behaviors. Methods for differentiating market research scores are also provided and include instructing a consumer to evaluate a product according to a product rating scale instructing the consumer to evaluate a product according to a behavioral list and applying using a digital computer a multivariate analysis of variance to the product rating scale information and the behavioral information.

No. of Pages : 26 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUSES FOR PERFORMING CONSUMER RESEARCH AND METHODS FOR USING SAME

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:61/604827	1)NESTEC S.A.
(32) Priority Date	:29/02/2012	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/IB2013/051572	(72)Name of Inventor :
Filing Date	:27/02/2013	1)MOORE Linda Grace
(87) International Publication No	:WO 2013/128387	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Apparatuses for performing consumer testing and methods for using same are provided. Methods for administering consumer research are also provided. In a general embodiment the present disclosure provides apparatuses having a rotatable platform with at least one divider separating the platform into at least two sections where each of the at least two sections includes a life like scenario configured for use by a consumer participant during a consumer research test. Such apparatuses provide flexibility and efficiency of time space and cost for performing consumer research since the research may be performed in a timely fashion in a number of different life like scenarios in a limited amount of space and may be directly observed from one location or using one set of audio/visual equipment.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:A61K 33/00	(71)Name of Applicant :
(31) Priority Document No	:102009034132.3	1)B. BRAUN MELSUNGEN AG
(32) Priority Date	:20/07/2009	Address of Applicant :CARL-BRAUN-STRASSE 1, 34212
(33) Name of priority country	:Germany	MELSUNGEN, GERMANY
(86) International Application No	:PCT/EP2010/060210	(72)Name of Inventor :
Filing Date	:15/07/2010	1)BOLL, MICHAEL
(87) International Publication No	:WO 2010/009797	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PLASMA-ADAPTED AND BALANCED GELATIN SOLUTION

(57) Abstract :

The invention relates to a pharmaceutical preparation which comprises an aqueous composition which in turn comprises gelatin and/or a physiologically acceptable gelatin derivative. The pharmaceutical preparation can be used in the prophylaxis and therapy of hypovolemia. The invention further relates to uses of the pharma¬ceutical preparation as a volume substitute and as an erythrocyte-protective wash solution.

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

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND SERVER FOR SENDING A DATA STREAM TO A CLIENT AND METHOD AND CLIENT FOR RECEIVING A DATA STREAM FROM A SERVER

(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/053343	1)NOVO DIAZ Oscar
Filing Date	:28/02/2012	2)LORETO Salvatore
(87) International Publication No	:WO 2013/127437	3)RISSANEN Heidi Maria
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A method is provided in a server operatively connectable to a client via a data connection a method of sending a data stream to the client. The method comprises receiving from the client a request for data the request comprising a communication identifier obtaining a first part of the data stream from a streaming source for sending to the client and sending to the client a streaming data message. The streaming data message comprises: the first part; the communication identifier; and a stream indicator indicating a second data message may follow comprising a second part of the data stream. The method does not comprise resending the streaming data message if no acknowledgement of receipt has been received from the client. Also a method in a client is provided as well as the server and the client.

No. of Pages : 30 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : 6 ALKYNYL PYRIDINES AS SMAC MIMETICS

(51) International classification:C07D213/75,C07D217/22,C07D401/04(31) Priority Document No:12157199.6(32) Priority Date (33) Name of priority country:27/02/2012(33) Name of priority country:EPO(86) International Filing Date:PCT/EP2013/053689(87) International Filing Date:WO 2013/127729(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA(61) Patent of Number Filing Date:NA(62) Divisional to 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)REISER Ulrich 2)BADER Gerd 3)SPEVAK Walter 4)STEFFEN Andreas 5)PARKES Alastair L.
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(57) Abstract :

This invention relates to 6 alkynyl pyridines of general formula (I) their use as SMAC mimetics pharmaceutical compositions containing them and their use as a medicaments for the treatment and/or prevention of diseases characterized by excessive or abnormal cell proliferation and associated conditions such as cancer. The groups R to R have the meanings given in the claims and in the specification.

No. of Pages : 165 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F02C7/266,F02P15/00	(71)Name of Applicant :
(31) Priority Document No	:13/402436	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:22/02/2012	Address of Applicant :Wittelsbacherplatz 2 80333 Munich
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2013/027041	2)WOODWARD INC.
Filing Date	:21/02/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/126514	1)RODD Shervin
(61) Patent of Addition to Application	:NA	2)KELBEY Ryan
Number		3)FOUST Adam M.
Filing Date	:NA	4)CAUSEY Jim
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : MULTI ELECTRODE IGNITER FOR A GAS TURBINE ENGINE

(57) Abstract :

An ignition system for a combustor of a gas turbine engine is disclosed. The ignition system may include multiple igniters to reduce the likelihood of system failure. In at least one embodiment the ignition system may be formed from a first igniter formed from an outer electrode containing at least one central electrode at a distal end of the outer electrode and may include a second igniter. The second igniter may be formed from a central electrode positioned within the outer electrode forming the first igniter. During operation the igniters may spark to ignite the fuel mixture within the combustor

No. of Pages : 10 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ADENOVIRAL TUMOR DIAGNOSTICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:G01N33/574,G01N33/569,C12Q1/70 :61/610970 :14/03/2012 :U.S.A. :PCT/US2013/031646 :14/03/2013 :WO 2013/138650 :NA :NA	 (71)Name of Applicant : 1)SALK INSTITUTE FOR BIOLOGICAL STUDIES Address of Applicant :Office of Technology Management 10010 North Torrey Pines Road La Jolla California 92037 U.S.A. (72)Name of Inventor : 1)OSHEA Clodagh 2)POWERS Colin
Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided herein are compositions and methods for detecting a cancer in a subject using a recombinant reporter adenovirus. In more particular recombinant adenovirus is used to diagnose a cancer in a patient and further used for screening compounds effective in treating the cancer in said patient.

No. of Pages : 53 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SELECTOR BASED RECOGNITION AND QUANTIFICATION SYSTEM AND METHOD FOR MULTIPLE ANALYTES IN A SINGLE ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N33/68 :61/594193 :02/02/2012 :U.S.A. :PCT/US2013/023727 :30/01/2013 :WO 2013/116260 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PERFINITY BIOSCIENCES INC. Address of Applicant :3000 Kent Avenue West Lafayette IN 47906 U.S.A. (72)Name of Inventor : 1)REGNIER Fred E. 2)HEROLD Nicholas B. 3)MEYER Kevin W.
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(57) Abstract :

A multi dimensional method is provided for simultaneously analyzing multiple analytes within a sample solution the method including: adding affinity selectors to a sample solution containing analytes to be measured the affinity selectors having an affinity for one or more of the analytes within the sample solution; allowing immune complexes to form between the affinity selectors and the analytes; partially or totally resolving the formed immune complexes from non analyte substances within the sample solution in a first dimension of separation using a selective adsorption technique; dissociating the resolved immune complexes; separating the analytes and the affinity selectors of the dissociated immune complexes from one another in a second dimension of separation using a selective adsorption technique; the analytes in accordance with their mass to charge ratios.

No. of Pages : 62 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:A61K 39/00	(71)Name of Applicant :
(31) Priority Document No	:61/229,860	1)PFIZER VACCINES LLC
(32) Priority Date	:30/07/2009	Address of Applicant :235 EAST 42ND STREET, NEW
(33) Name of priority country	:U.S.A.	YORK, NEW YORK 10017, U.S.A.
(86) International Application No	:PCT/IB2010/053313	(72)Name of Inventor :
Filing Date	:20/07/2010	1)SMITH III GEORGE JOSEPH
(87) International Publication No	:WO 2010/A61K	2)WILLS KENNETH NELSON
	39/00	3)ZHU JEFF XIANCHAO
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		Letter and the second sec

(54) Title of the invention : ANTIGENIC TAU PEPTIDES AND USES THEREOF

(57) Abstract :

The present disclosure relates to immunogens and compositions comprising an antigenic tau peptide, preferably linked to an immunogenic carrier for use in the treatment of tau-related neurological disorders. The disclosure further relates to methods for production of these immunogens and compositions and their use in medicine.

No. of Pages : 113 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : REMOTE NETWORK MANAGEMENT SYSTEM AND SERVICE OPERATION METHOD THEREFOR

(51) International classification	:H04L12/24	(71)Name of Applicant :
(31) Priority Document No	:201210014109.1	1)ZTE CORPORATION
(32) Priority Date	:17/01/2012	Address of Applicant :ZTE Plaza Keji Road South Hi Tech
(33) Name of priority country	:China	Industrial Park Nanshan District Shenzhen Guangdong 518057
(86) International Application No	:PCT/CN2012/078949	China
Filing Date	:20/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/107170	1)ZHAO Wei
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

(57) Abstract :

Disclosed are a remote network management system and a service operation method therefor. The remote network management system comprises a proxy server connected to a network a naming server for storing registered contents and a service server for executing a network management service. The method comprises: a proxy server receiving a service request sent by a service network manager through a network; the proxy server obtaining identification information about the service server from a naming server according to the service request; and the proxy server conducting a service operation through the service server corresponding to the identification information about the service server corresponding to the identification information about the service server. The present invention solves the problem that a network management system cannot be accessed remotely in the related art releases the limitation that the network management system is only operated locally and enlarges the application range of the network management system.

No. of Pages : 33 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(51) International (71)Name of Applicant : :C07K16/22,A61K39/395,A61P35/00 classification **1)BOEHRINGER INGELHEIM INTERNATIONAL** (31) Priority Document No :12162615.4 GMBH (32) Priority Date :30/03/2012 Address of Applicant :Corporate Patents Binger Strasse 173 (33) Name of priority 55216 Ingelheim Am Rhein Germany :EPO country (72)Name of Inventor: (86) International **1)BORGES Eric** :PCT/EP2013/056635 Application No 2)GSCHWIND Andreas :27/03/2013 Filing Date **3)OTT Rene Georg** (87) International 4)BUYSE Marie Ange :WO 2013/144266 Publication No 5)BOUCNEAU Joachim (61) Patent of Addition to **6)MERCHIERS Pascal** :NA Application Number 7) DEPLA Erik :NA Filing Date 8)STEVENAERT Frederik (62) Divisional to :NA Application Number :NA Filing Date

(54) Title of the invention : ANG2 BINDING MOLECULES

(57) Abstract :

Ang2 binding molecules preferably Ang2 binding immunoglobulin single variable domains like VHHs and domain

antibodies pharmaceutical compositions containing same and their use in the treatment of diseases that are associated with Ang2 mediated effects on angiogenesis. Nucleic acids encoding Ang2 binding molecules host cells and methods for preparing same.

No. of Pages : 323 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DISPERSIBLE NONWOVEN

classification (31) Priority Document No (32) Priority Date (33) Name of priority country : (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:D04H1/587,A47L13/16,A61K8/02 :61/622725 :11/04/2012 :U.S.A. :PCT/US2013/035081 :03/04/2013 :WO 2013/154879 :NA :NA :NA	 (71)Name of Applicant : 1)ROHM AND HAAS COMPANY Address of Applicant :100 Independence Mall West Philadelphia PA 19106 U.S.A. (72)Name of Inventor : 1)NEDWICK Paul 2)NUNN Maureen B. 3)RICE Katherine Sue
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(57) Abstract :

A method for forming a dispersible nonwoven substrate in an aqueous medium including: a) forming an aqueous nonwoven binder including a selected emulsion polymer wherein the polymer has been modified with a compound comprising a tri substituted N atom the compound having a pKb of from 4 to 7; b) contacting a nonwoven substrate with the aqueous nonwoven binder; c) heating the contacted nonwoven to a temperature of from 120 °C to 220 °C; and d) immersing the contacted heated nonwoven in an aqueous medium having a final pH<5 is provided. A dispersible nonwoven substrate in an aqueous medium formed by the preceding method and a method for providing a dispersed nonwoven in an aqueous medium are also provided.

No. of Pages : 15 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING RESIN MOLDED ARTICLE METHOD FOR PRODUCING RESIN COMPOSITION RESIN MOLDED ARTICLE RESIN COMPOSITION LOW DUST EMITTING RESIN POWDER AND METHOD FOR OBTAINING LOW DUST EMITTING RESIN

(51) International classificatio(31) Priority Document No(32) Priority Date(33) Name of priority country	n:C08L101/00,C08K5/01,C09K3/22 :2012050015 :07/03/2012 :Japan	 (71)Name of Applicant : 1)SUMITOMO BAKELITE CO. LTD. Address of Applicant :5 8 Higashi Shinagawa 2 chome Shinagawa ku Tokyo 1400002 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2013/000799 :14/02/2013 :WO 2013/132754	 (72)Name of Inventor : 1)FUNABASHI Masahiko 2)MIFUKA Hajime 3)OZEKI Shinichi 4)ASAMI Masakatsu
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

The present invention includes a step for preparing a low dust emitting resin powder by adding liquid paraffin to a thermosetting resin and a step for obtaining a resin molded article by heating and kneading the low dust emitting resin powder. The step for preparing a low dust emitting resin powder comprises a step for melting the thermosetting resin adding liquid paraffin to the molten thermosetting resin and stirring and mixing the product.

No. of Pages : 29 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification(31) Priority Document No(32) Priority Date	:C07K 16/46 :61/219,644 :23/06/2009	 (71)Name of Applicant : 1)ALEXION PHARMACEUTICLS, INC. Address of Applicant :352 KNOTTER DRIVE, CHESHIRE,
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:U.S.A. :PCT/US2010/039448 :22/06/2010 :WO 2010/151526	CT 06410, UNITED STATES OF AMERICA. (72)Name of Inventor : 1)PAUL P. TAMBURINI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : BISPECIFIC ANTIBODIES THAT BIND TO COMPLEMENT PROTEINS

(57) Abstract :

The present disclosure relates to bispecific antibodies that can bind to two or more different epitopes. For example, the bispecific antibodies described herein can bind to two or more different proteins, wherein at least two of the proteins are selected from C5a, C5b, a cellular receptor for C5a (e.g., C5aRl or C5L2), the C5b-9 complex, and a component or intermediate of terminal complement such as C5b-6, C5b-7, or C5b-8. The bispecific antibodies described herein are useful for, e.g., inhibiting terminal complement (e.g., the assembly and/or activity of the C5b-9 complex) and/or C5a anaphylatoxin-mediated inflammation (e.g., C5a-mediated chemotaxis of inflammatory immune cells). Accordingly, the bispecific antibodies can be used in methods for treating a variety of complement pathway-associated disorders.

No. of Pages : 93 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B32B 27/12 :200910040320.9 :18/06/2009 :China :PCT/US2010/038664 :15/06/2010 :WO 2010/147982 :NA :NA :NA :NA	 (71)Name of Applicant : XENE CORPORATION Address of Applicant :C/O HANDAL & MOROFSKY, LLC, 501 KINGS HIGHWAY EAST, FAIRFIELD, CT 06825, U.S.A. (72)Name of Inventor : SHENG, HSU, CHIEN
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(54) Title of the invention : FIBER COMPOSITE AND PROCESS OF MANUFACTURE

(57) Abstract :

The inventive fiber manufacturing process is particularly adapted for demanding applications such as sports racquets, including tennis racquets, badminton racquets and other sports applications. Because of the improved strength to weight ratio of components formed using the inventive method, a wide range of flexibility is achieved, allowing use of the inventive process to manufacture, for example, a fiber reinforced {for example, graphite) modular sports racquet, optionally provided with user-selectable weights and/or handle replacements. From the standpoint of the player, this allows a racquet frame featuring self customization. From the standpoint of a retailer, the benefit provided is reduction of inventory. The inventive fiber, for example graphite fiber) racquet frame is filled with a plastic foam and is formed using, for example, microencapsulation technology to time, generate and apply the pressure used to form the graphite composite material of which the racquet is comprised. This compares to the standard industry technique of air injection. The racquet is thus not hollow like conventional graphite racquets, and the walls therefore can be made thinner than those of existing graphite racquets still being of the same strength or being stronger, which gives the racquet exceptional performance. In addition, the overall dimensions of, for example the cross-section, of the racquet can also be reduced while still maintaining performance characteristics.

No. of Pages : 86 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(51) International classification :B67C3/00 (71)Name of Applicant : (31) Priority Document No **1)CONTENO** :NA (32) Priority Date Address of Applicant :Industrieweg 8 B 2630 Aartselaar :NA (33) Name of priority country :NA Belgium (86) International Application No :PCT/EP2012/051705 (72)Name of Inventor : Filing Date :01/02/2012 1)VAN STEEN Christophe (87) International Publication No :WO 2013/113384 2)HERMANS Jozef (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(54) Title of the invention : TRANSPORTABLE BOTTLING PLANT FITTED INTO FREIGHT CONTAINER

(57) Abstract :

Transportable bottling plant fitted into freight container Disclosed is a transportable bottling plant (100) comprising a freight container divided into separate rooms (107 110) one of the rooms being a bottling room (107); a preform feeder (118) a bottle forming unit (300) a bottle filling and closing unit (119) being mounted in the bottling room; whereby the container comprises at least three technical rooms the power generator (111) being mounted in a first technical room (108) the air conditioning unit (115) being mounted in a second technical room (109) and the air compressor (113) being mounted in a third technical room (100).

No. of Pages : 72 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POROUS STRUCTURES AND METHODS OF MAKING SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	2012 S2013/026864	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor : 1)SCOTT Marcus L. 2)GAN Lu 3)PAWAR Vivek Devidas 4)TSAI Stanley
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(57) Abstract :

The present disclosure provides methods to improve the properties of a porous structure formed by a rapid manufacturing technique. Embodiments of the present disclosure increase the bonding between the micro particles 5 on the surface of the porous structure and the porous structure itself without substantially reduce the surface area of the micro particles. In one aspect embodiments of the present disclosure improves the bonding while preserving or increasing the friction of the structure against adjacent materials.

No. of Pages : 30 No. of Claims : 20

(21) Application No.5815/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYGONAL AEROSOL GENERATING DEVICE

classification:A24F47/00,A61M15/06,A61M11/041)P(31) Priority Document No:12150114.2A(32) Priority Date:03/01/2012Switz(33) Name of priority country:EPO(72)N1)P:EPO1)P)Name of Applicant :)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel itzerland)Name of Inventor :)PLOJOUX Julien)RUSCIO Dani
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(57) Abstract :

There is provided an elongate aerosol generating device (100) having a polygonal transverse cross section. The polygon comprises at least 6sides. The elongate aerosol generating device may comprise a substrate receiving cavity (302) adapted to receive an aerosol forming substrate a heating element (406) adapted to heat an aerosol forming substrate to generate an aerosol and a power supply (506) adapted to provide power to the heating element. In addition there is provided an aerosol generating system comprising an elongate aerosol generating device according to any of the preceding claims and a charging device (600) comprising a cavity (602) having a polygonal transverse cross section corresponding to the polygonal transverse cross section of said aerosol generating device the cavity being adapted to receive the elongate aerosol generating device.

No. of Pages : 15 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MULTI DIRECTIONAL ROLLER ASSEMBLY

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:B65G39/10,B65G47/53,F16C13/00 :61/592708 :31/01/2012	 (71)Name of Applicant : 1)LAITRAM L.L.C. Address of Applicant :Legal Department 200 Laitram Lane Harahan Louisiana 70123 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2013/023997 :31/01/2013	1)FOURNEY Matthew L.
(87) International Publication No	:WO 2013/116431	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	I:NA :NA	

(57) Abstract :

A multi directional roller assembly for directing articles in a conveying system. The multi directional roller assembly has a rotatable roller frame housing at least one set of mutually actuating rollers. The multi directional roller assembly directs an article supported by the assembly along a trajectory determined by the orientation of the multi directional roller assembly relative to an input force. The orientation of the multi directional roller assembly relative to an input force. The orientation of the multi directional roller assembly may be changed to change the trajectory. A conveyor system may include an array of multi directional roller assemblies. An actuator controls the orientation of the multi directional roller assemblies individually and may also control an array of multi directional roller assemblies as a group.

No. of Pages : 52 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NON AQUEOUS LIQUID COMPOSITION

 (51) International classification (31) Priority Document No (2012018062 (32) Priority Date (31/01/2012 (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International to Application NA 	Address of Applicant :9 19 Shimoshinjo 3 chome Higashiyodogawa ku Osaka shi Osaka 5338651 Japan (72)Name of Inventor :
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(57) Abstract :

A drug dissolved non aqueous liquid composition comprising a drug dioleylphosphatidylcholine tocopherol and an organic solvent wherein the ratio of the blend concentration of dioleylphosphatidylcholine to that of tocopherol falls within the range from 75/25 to 25/75 the blend concentration of dioleylphosphatidylcholine falls within the range from 15 to 85% (w/w) and the blend concentration of tocopherol falls within the range from 15 to 85% (w/w). The phase of the non aqueous liquid composition can be changed into a non lamellar liquid crystal upon the contact with water a phosphate buffer a body fluid a tear fluid or a vitreous fluid.

No. of Pages : 19 No. of Claims : 6

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(34) The of the Invention : PERSONAL	WATER PURIFIER	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C02F1/461 :NA :NA :NA :PCT/US2012/023063 :30/01/2012	,
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:S0/01/2012 :WO 2013/115763 :NA :NA :NA :NA	3)RODERICK Kevin (72)Name of Inventor : 1)HERRINGTON Rodney E. 2)RICH Katie B. 3)RODERICK Kevin

(54) Title of the invention : PERSONAL WATER PURIFIER

(57) Abstract :

An electrolytic device and method for generating a disinfecting solution that utilizes a brine generator an electrical circuit with an on board solar panel and rechargeable storage battery. The electrical circuit preferably conditions the power received from a variety of power sources to charge the storage battery and conditions the power stored in the storage battery to provide the appropriate power to maximize the disinfection efficacy of the disinfecting solution. The on board solar panel and/or rechargeable battery can be utilized as the power source to recharge or operate other devices such as cell phones PDAs flashlights GPS systems or other such devices. The device can incorporate a touch screen display and electronics that is an electronic water finder application for locating sources of water that can be made potable. The device can incorporate a biocidal agent and foul resistant water filter that can be folded up to provide a compact configuration for storage.

No. of Pages : 33 No. of Claims : 29

(22) Date of filing of Application :12/11/2013

(54) Title of the invention : CUTTING BALER		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65B27/12 :NA :NA :NA :NA :NA : NA :NA :NA :NA :NA	(71)Name of Applicant : 1)NACHATTAR SINGH Address of Applicant :WARD NO. 18, B XIII/491, STANDARD CHOWK, BARNALA, PUNJAB-148101 INDIA (72)Name of Inventor : 1)NACHATTAR SINGH

(57) Abstract :

The Cutter cum Baler is housed in a steel fabricated structure resting on two wheels independent of each other. Axle is trailer type, without any drive mechanism with track size of 1760mm. Overall dimensions of the machine are 3700 X 2265 X 2050 rnm (LxWxH). All moving parts are driven with V-belts and chain-sprocket arrangement. The machine is pulled by the tractor as a trailer and drive is given from the PTO of the tractor through propeller shaft.

No. of Pages : 70 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:H03B 5/12	(71)Name of Applicant :
(31) Priority Document No	:0954178	1)ST-ERICSSON SA
(32) Priority Date	:19/06/2009	Address of Applicant :CHEMIN DU CHAMP-DES-FILES 39,
(33) Name of priority country	:France	CH-1228 PLAN-LES-QUATES (CH) China
(86) International Application No	:PCT/EP2010/058353	(72)Name of Inventor :
Filing Date	:15/06/2010	1)CHATAIGNER, EMMANUEL
(87) International Publication No	:WO 2010/146038	
(61) Patent of Addition to Application	•NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MULTI-BAND FREFQUENCY OSCILLATING DEVICE

(57) Abstract :

Oscillating device comprising several oscillators (OSC1, OSC2), each oscillator comprising a capacitive inductive resonant circuit (L 1 & C1, L2 & C2) and a flow-through conduction circuit (Gl, G2) having a negative flow-through conduction, the inductive elements of the oscillators being mutually coupled. Each oscillator also comprises a controllable switch (INT 1, INT2) arranged in order to short-circuit or not short-circuit the capacitive element of the oscillator (C1, C2) and in that the device also comprises controllable commutating means (STOP1, STOP2) arranged to activate one oscillator at a time.

No. of Pages : 12 No. of Claims : 5

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM-IN PACKAGES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L 21/98 :61/229,756 :30/07/2009 :U.S.A.	 (71)Name of Applicant : 1)MEGICA CORPORATION Address of Applicant :8F-1, NO. 29, PUDING ROAD, EAST DISTRICT, HSIN-CHU, 30072, TAIWAN (72)Name of Inventor : 1)MOU-SHIUNG LIN 2)JIN-YUAN LEE

(57) Abstract :

System-in packages, or multichip modules, are described which can include multi-layer chips and multi-layer dummy substrates over a carrier, multiple through vias blindly or completely through the multi-layer chips and completely through the multi-layer dummy substrates, multiple metal plugs in the through vias, and multiple metal interconnects, connected to the metal plugs, between the multi-layer chips. The multi-layer chips can be connected to each other or to an external circuit or structure, such as mother board, ball grid array (BGA) substrate, printed circuit board, metal substrate, glass substrate, or ceramic substrate, through the metal plugs and the metal interconnects.

No. of Pages : 543 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : BATTERY SEALING STRUCTURE, CELL FRAME FOR REDOX FLOW CELL, CELL STACK FOR REDOX FLOW CELL AND REDOX FLOW CELL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01M8/02,H01M2/08,H01M8/18 :2011077017 :31/03/2011 :Japan	 (71)Name of Applicant : 1)SUMITOMO ELECTRIC INDUSTRIES LTD. Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osaka shi Osaka 5410041 Japan
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2012/058537 :30/03/2012 :WO 2012/133747	(72)Name of Inventor :1)NAKAISHI Hiroyuki2)TSUTSUI Yasumitsu
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are a battery sealing structure excellent in assemblability, a cell irame for a redox flow cell equipped with this battery sealing structure, a cell stack for a redox flow cell, and a redox flow cell. A cell : frame (10) comprises a battery plateshaped member (bipolar plate) (11), a pair of femes (12a, 12b) for pressing and sandwiching a peripheral portion of the bipolar plate (11) : from front and back, and a ring-shaped packing (20) formed of an elastic material. A ring-shaped groove (14) for housing the peripheral portion of the bipolar plate (11) between the mutually facing surfaces is formed on the : frames (12a, 12b). The packing (20) is attached to the peripheral portion of the bipolar plate (11), is disposed in the ring-shaped groove (14), and is pressed between the frames (12a, 12b) and the peripheral portion of the bipolar plate (11) and contacts therewith. The packing (20) has a pair o eg portions (21) for holding the peripheral portion of the bipolar plate (11) therebetween and a base portion (22) for connecting these leg portions (21). The above configuration forms the battery sealing structure for sealing the space formed inside the opening of each of the frames (12a, 12b).

No. of Pages : 35 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : MULTIFUNCTIONAL ENERGY-SAVING AND ENVIRONMENTAL-FRIENDLY GAS STOVE AND USING METHOD THEROEF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F24C 3/00 :200910108304.9 :16/06/2009 :China :PCT/CN2010/074008 :17/06/2010 :WO 2010/145546 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LAM, KWONG YOUNG Address of Applicant :NO. 110, TAI MA ROAD, KAM TIN, NEW TERRITORIES, HONG KONG, CHINA [CN] China (72)Name of Inventor : 1)LAM, KWONG YUNG
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(57) Abstract :

A multifunctional Energy-saving and environmental-friendly gas stove and a using method are provided. The multifunctional energysaving and environmental-friendly gas stove includes a main body (20), a stove head (15), and a first heat exchange device for collecting residual heat of waste gas produced by the stove head (15). The first heat exchange device is a first metal tube (25) provided in a cavity (100) for conducting waste gas. A second heat exchange device (60) for recovering the thermal energy of combusted waste gas is further included. The gas stove can take full use of the energy of combusted waste gas, and improve the utilization of thermal energy.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE FOR PRESENTING VISUAL STIMULI FOR USE THERAPEUTIC TREATMENTS		
 (54) Title of the invention : DEVICE FO (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61H :0912579.0 :20/07/2009 :U.K. :PCT/GB2010/001372 :20/07/2010 :WO 2010/010087 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SURENTHIRAN, SANGARALINGAM SHANMUGA Address of Applicant :C/O BBK ACCOUNTANTS LTD., 4A ROMAN ROAD, EAST HAM, LONDON E6 3RX, UNITED

(57) Abstract :

A therapeutic device comprising a first visual signalling element, a second visual signalling element positioned separately from the first visual signalling element, and a third visual signalling element positioned between the first and second visual signalling elements. A control apparatus controls the first, second and third signalling elements, and is arranged to alternately activate the first and second visual signalling elements for a first period of time, and to activate the third visual signalling element for a second period of time subsequent to the first period of time.

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

(19) INDIA

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MESOPOROUS TITANIUM DIOXIDE NANOPARTICLES AND PROCESS FOR THEIR PRODUCTION

	n:C01G23/047,B82B1/00,B82B3/00	
(31) Priority Document No	:13/297869	1)CRISTAL USA INC.
(32) Priority Date	:16/11/2011	Address of Applicant :20 Wight Avenue Suite 100 Hunt
(33) Name of priority country	:U.S.A.	Valley MD 21030 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/065317 :15/11/2012	(72)Name of Inventor :1)FU Guoyi2)WATSON Mark
(87) International Publication No	:WO 2013/074812	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Ti0 2 nanoparticles having improved consist ent particle morphology, uniform particle size, and which contain uniform intra-particle pores in the mesopore size range are produced by wet chemical hydrolysis.

No. of Pages : 15 No. of Claims : 11

(21) Application No.75/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SULPHUR CROSSLINKABLE RUBBERIZING MIXTURE

 (33) Name of priority country :Germany (86) International Application No :PCT/EP2012/065087 Filing Date :02/08/2012 (87) International Publication No :WO 2013/034370 (61) Patent of Addition to Application Number :NA (62) Divisional to Application :NA Wumber :NA Wumber :NA Germany (72)Name of Inventor : 1)KRAMER Thomas 2)RECKER Carla 3)KREYE Marc 4)TORBRGGE Thorsten
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(57) Abstract :

The invention relates to a sulphur crosslinkable rubberizing mixture for strengthening elements in motor vehicle pneumatic tyres comprising 70 to 100 phr (parts by weight based on 100 parts by weight of total rubbers in the mixture) of natural rubber up to 30 phr of at least one polybutadiene 40 to 70 phr of at least one carbon black and a bonding system. The invention further relates to motor vehicle pneumatic tyres comprising sulphur crosslinked rubberizing mixture. The key conflict between tear propagation resistance stiffness and heat build up is solved by virtue of the carbon black being a nanostructured carbon black with rough surface.

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

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NASAL DELIVERY DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M15/08,A61M15/00 :61/603095 :24/02/2012 :U.S.A. :PCT/EP2013/053746 :25/02/2013 :WO 2013/124491 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OPTINOSE AS Address of Applicant :Postboks 288 R, a N 0702 Oslo Norway (72)Name of Inventor : 1)DJUPESLAND Per Gisle 2)LECLERC Michael 3)MAHMOUD Ramy A 4)SIWINSKI Shane 5)GORDON Joseph 6)FISK Justin
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(57) Abstract :

A nasal delivery device for and method of delivering substance to a nasal airway of a subject the delivery device comprising: a nosepiece (117) for fitting to a nasal cavity of a subject; a mouthpiece (119) into which the subject in use exhales; a delivery unit which comprises an actuation part which is manually displaceable to actuate the delivery unit to deliver substance from the nosepiece; and a valve assembly (127) which is fluidly connected to the nosepiece and the mouthpiece wherein the valve assembly comprises a body element (128) and a valve element (131) which is movably disposed to the body element between closed and open configurations by manual displacement of the actuation part of the delivery unit to provide for an air flow through the nosepiece simultaneously with delivery of substance.

No. of Pages : 35 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :09/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR HUMAN AND AVIAN H5N1 INFLUENZA

(51) International classification:C07K14/11,A61K39/145,A61P31/16(31) Priority Document No:61/597998(32) Priority Date:13/02/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2013/025284(87) International Fublication No (61) Patent of Addition to Application Number Filing Date:WO 2013/122827(86) Divisional to Application Number Filing Date:NA :NA(82) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION Address of Applicant :200 Gardner Steel Conference Center Thackeray and OHara Streets Pittsburgh PA 15260 U.S.A. (72)Name of Inventor : 1)ROSS Ted M. 2)CREVAR Corey J. 3)GILES Brendan M.
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(57) Abstract :

Described herein is the generation of optimized H5N1 influenza HA polypeptides for eliciting a broadly reactive immune response to H5N1 influenza virus isolates. The optimized HA polypeptides were developed through a series of HA protein alignments and subsequent generation of consensus sequences based on human and avian H5N1 isolates. Provided herein are optimized H5N1 HA polypeptides and compositions fusion proteins and VLPs comprising the HA polypeptides. Further provided are codon optimized nucleic acid sequences encoding the HA polypeptides. Methods of eliciting an immune response against influenza virus in a subject are also provided by the present disclosure.

No. of Pages : 68 No. of Claims : 26

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PALLET CON		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B65D77/04 :20 2012 001 726.8 :20/02/2012 :Germany :PCT/EP2013/000477 :19/02/2013 :WO 2013/124051 :NA :NA :NA	(71)Name of Applicant : 1)MAUSER WERKE GMBH Address of Applicant :Schildgesstrasse 71-163, 50321 Br ¹ /4hl Germany (72)Name of Inventor : 1)PRZYTULLA Dietmar
Filing Date	:NA	

(57) Abstract :

The present invention relates to a pallet container (10) having a thin walled inner container (12) made of thermoplastic material for storing and transporting liquid or flowable filling materials having a lattice profile supporting casing (14) that closely encloses the inner container (12) as a supporting casing and having a base pallet (16) on which the inner container (12) rests and to which the lattice profile supporting casing (14) is firmly connected wherein the lattice profile supporting casing (14) comprises intersecting vertical (20) and horizontal (22) profile rods which are connected together at their intersecting points by mechanical joining such as clinching or punch riveting and wherein the profile rods (20 22) are additionally fixed in a rotationally secure manner at their connecting points (18 24 26) via a mechanical form fit (42 43) or a form fitting bearing region (42 43).

No. of Pages : 26 No. of Claims : 12

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A FAN ASS	EMBLY	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04D25/08,F04D29/62 :1203891.5 :06/03/2012 :U.K. :PCT/GB2013/050325 :13/02/2013 :WO 2013/132218 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DYSON TECHNOLOGY LIMITED Address of Applicant :Tetbury Hill Malmesbury Wiltshire SN16 0RP U.K. (72)Name of Inventor : 1)STANIFORTH Mark 2)BEAVIS Daniel 3)PULLEN Jude

(57) Abstract :

A fan assembly includes a body housing an impeller and motor for driving to the impeller to generate an air flow. A nozzle is mounted on the body for emitting the air flow. The nozzle defines an opening through which air from outside the fan assembly is drawn by the air emitted from the nozzle. A nozzle retaining mechanism is provided for releasably retaining the nozzle on the body. The mechanism is moveable from a first configuration in which the nozzle is retained on the body to a second configuration in which the nozzle is released for removal from the body. The mechanism includes a depressible member for effecting movement of the mechanism from the first configuration to the second configuration.

No. of Pages : 56 No. of Claims : 26

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GUIDE BLADE RING FOR AN AXIAL TURBOMACHINE AND METHOD FOR DESIGNING THE GUIDE BLADE RING

 (87) International Publication No :WO 2013/156322 (61) Patent of Addition to Application :NA :NA :NA 	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:12164299.5 :16/04/2012 :EPO	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 M¹/4nchen Germany (72)Name of Inventor : 1)RICHTER Christoph Hermann
(61) Patent of Addition to Application Number Filing Date NA	Filing Date (87) International Publication No.		1)RICHTER Christoph Hermann 2)STER Heinrich
	(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number		

(57) Abstract :

The invention relates to a method for designing a stage (22) for an axial turbomachine (1) having a guide blade ring (2) and a rotor blade ring (20) arranged downstream of the guide blade ring (2) having the following steps: profiling a guide blade ring (2) having guide blades (3) arranged regularly over the circumference of the guide blade ring (2) in accordance with basic aerodynamic and mechanical conditions; moving at least one profile section of at least one of the guide blades (3) in the circumferential direction in such a way that the pitch angle (13) for the at least one guide blade (4) and a guide blade (4) arranged adjacent thereto varies over the blade height in such a way that during operation of the axial turbomachine (1) the departing flow formed downstream of the guide blade ring (2) is irregularly formed over the circumference of the axial turbomachine such that the vibration excitation of the rotor blades (19) of the rotor blade ring (20) is low.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM FOR HETEROLOGOUS EXPRESSION OF A VIRAL PROTEIN IN A CILIATE HOST CELL

(51) International classification	:C12N 7/02	(71)Name of Applicant :
(31) Priority Document No	:0910357.3	1)CILIAN AG
(32) Priority Date	:17/06/2009	Address of Applicant : JOHANN-KRANE-WEG 42, 48149
(33) Name of priority country	:U.K.	MUNSTER, GERMANY,
(86) International Application No	:PCT/EP2010/058360	(72)Name of Inventor :
Filing Date	:15/06/2010	1)HARTMANN, MARCUS
(87) International Publication No	:WO 2010/146043	2)SACHSE, CHRISTINE
(61) Patent of Addition to Application	:NA	3)APELT, JENNY
Number		4)BOCKAU, ULRIKE
Filing Date	:NA	, , -
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

System for the heterologous expression of a viral protein in a ciliate host cell The present invention relates to a system for the heterologous expression of a viral protein or a fragment thereof, said system comprising a) a ciliate host cell, b) at least one cDNA encoding for a viral protein, or a fragment thereof, and c) a promoter operably linked to said cDNA

No. of Pages : 60 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TEMPERATURE VERIFICATION FOR ULTRASONIC FLOW METERS

(57) Abstract :

Apparatus and methods for verifying temperature measurements in an ultrasonic flow meter. In one embodiment an ultrasonic flow metering system includes a passage for fluid flow a temperature sensor and an ultrasonic flow meter. The temperature sensor is disposed to measure temperature of fluid flowing in the passage. The ultrasonic flow meter includes a plurality of pairs of ultrasonic transducers and control electronics. Each pair of transducers is configured to form a chordal path across the passage between the transducers. The control electronics are coupled to the ultrasonic transducers. The control electronics are configured to measure speed of sound between each pair of transducers based on ultrasonic signals passing between the transducers of the pair. The control electronics are also configured to determine based on the measured speeds of sound whether a measured temperature value provided by the temperature sensor accurately represents temperature of the fluid flowing in the passage.

No. of Pages : 34 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HEATING VENTILATION AND/OR AIR CONDITIONING INSTALLATION FOR MOTOR VEHICLE PASSENGER COMPARTMENT AND ELEMENT FOR THE INTAKE SHROUD OF SAID INSTALLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60H1/00 :1200735 :12/03/2012 :France :PCT/EP2013/052642 :11/02/2013 :WO 2013/135445 :NA :NA :NA :NA	 (71)Name of Applicant : 1)VALEO SYSTEMES THERMIQUES Address of Applicant :8 rue Louis Lormand La Verri¨re F 78321 Le Mesnil Saint Denis France (72)Name of Inventor : 1)PIERRES Philippe 2)LISKA Jan
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(57) Abstract :

The invention relates to a heating ventilation and/or air conditioning installation for a motor vehicle passenger compartment comprising: a unit (2) having a first part (2a) and a second part (2b) which parts are designed to be assembled along a longitudinal joining plane (PL) said unit (2) delimiting at least one air inlet (4) an air inlet passage (13) and a scroll portion (14) a blower (3) housed between the air inlet (4) and the air inlet passage (13) in a scroll defined by the unit (2) and by an intake shroud (16) of the installation an evaporator (7) mounted in the air inlet passage (13) said evaporator (7) having an inlet and an outlet pipe (19) which are connected to a pressure reducer (20) of said installation said pressure reducer (20) being arranged outside the unit (2) a pipe cover (21) forming a screen between said inlet and outlet pipes (19) of the evaporator (7) and the air inlet passage (13) characterized in that the pressure reducer (30) and the air inlet (4) are arranged on one and the same part (2b) of the unit (2) and in that the intake shroud (16) and the pipe cover (21) are made as a single piece. The invention also relates to an element for an intake shroud of a heating ventilation and/or air conditioning installation for a motor vehicle passenger compartment.

No. of Pages : 14 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : EPOXY RESIN BASED GEL COAT FOR SURFACE FINISHING OF COMPONENTS MADE OF FIBRE REINFORCED PLASTICS

(51) International classification	:C09D163/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 010 583.5	1)MANKIEWICZ GEBR. & CO GMBH & CO. KG
(32) Priority Date	:21/05/2012	Address of Applicant :Georg Wilhelm Strasse 189 21107
(33) Name of priority country	:Germany	Hamburg Germany
(86) International Application No	:PCT/DE2013/000272	(72)Name of Inventor :
Filing Date	:21/05/2013	1)BNING Jens
(87) International Publication No	:WO 2013/174362	2)WEHNER Jochen
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to compositions for producing a gel coat containing a main component and a hardener component wherein the composition comprises at least one epoxy resin at least one polyol at least one amine and a maximum of 5% by weight of fillers and/or pigments based on the main component. The invention further relates to the use of the gel coat and to methods for surface finishing of fibre reinforced plastics and to methods for producing surface finished components from fibre reinforced plastics in particular manufacturing methods which use prepregs.

No. of Pages : 20 No. of Claims : 17

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPROVED PROCESS FOR THE MANUFACTURE OF 2 3 3 3 TETRAFLUOROPROPENE

		(71)Norma of Amplicant
		(71)Name of Applicant :
		1)WANG Haiyou
(51) International		Address of Applicant :811 Campbell Blvd. Amherst New
classification	:C07C17/20,C07C17/383,C07C21/18	
(31) Priority Document No	:61/597671	2)TUNG Hsueh S.
(32) Priority Document IVO	:10/02/2012	3)KOPKALLI Haluk
	.10/02/2012	4)CHIU Yuon
(33) Name of priority country	:U.S.A.	5)CERRI Gustavo
•		6)BALL Jeffrey
(86) International	:PCT/US2013/025299	7)DA PRATO Philip L.
Application No	:08/02/2013	8)SUN Xuehui
Filing Date		9)NAPPA Mario Joseph
(87) International	:WO 2013/119919	(72)Name of Inventor :
Publication No		1)WANG Haiyou
(61) Patent of Addition to	:NA	2)TUNG Hsueh S.
Application Number	:NA	3)KOPKALLI Haluk
Filing Date	.11A	4)CHIU Yuon
(62) Divisional to	. NT A	
Application Number	:NA	5)CERRI Gustavo
Filing Date	:NA	6)BALL Jeffrey
		7)DA PRATO Philip L.
		8)SUN Xuehui
		9)NAPPA Mario Joseph

(57) Abstract :

A method for forming 2 3 3 3 tetrafluoropropene (HFO 1234yf) comprising providing a dehydrochlorination starting material having relatively low concentrations of 2 chloro 3 3 3 trifluoropropene (HCFO 1233xf) especially and preferable less than about 8.0% when the dehydrochlorination reaction utilizes no substantial amount of catalyst or catalyst comprising austenitic nickel based materials.

No. of Pages : 43 No. of Claims : 31

(21) Application No.7612/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLOW THERMAL STRESS TURBOCHARGER TURBINE HOUSING DIVIDER WALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application 		 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)SUCCUL Versus
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2013/027037 :21/02/2013 :WO 2013/130325	1)SHOGHI Kiumars 2)GARCIA ALCARAZ Alexandre 3)OBERSTE BRANDENBURG Claus
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The propensity for turbocharger turbine divider wall to crack in the turbine housing is minimized by matching the mass of the divider wall more closely to the transient heat transfer between said divider wall and the exhaust gas flowing past it. This is achieved by providing said divider wall having a cross sectional shape defined substantially by a Log2 curve.

No. of Pages : 22 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE FOR APPLYING A COATING TO AN EXTENDED ARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA : - :	 (71)Name of Applicant : 1)KULAKOVSKY Aleksandr Aleksandrovich Address of Applicant :Arkhangelsky pereulok 7 korp. 1 kv. 15 Moscow 101000 Russia (72)Name of Inventor : 1)KULAKOVSKY Aleksandr Aleksandrovich
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(57) Abstract :

A device for applying a coating to an extended article by immersion in a melt comprises a bath for the melt and a coating application chamber which bath and chamber are equipped with means for creating a vacuum and an excess pressure

therein respectively wherein in order to ensure a vertical passage of the extended article from the bottom to the top the inlet channel and the outlet channel of the coating application chamber are vertical and are formed in the base and upper part of said abarbar respectively wherein the coating application chamber is arranged to the side of the beth with the melt and an inteles abarbar

chamber respectively wherein the coating application chamber is arranged to the side of the bath with the melt and an intake channel is set at an angle wherein the bath for the melt is equipped with a feed channel for charging the melt or a metal in the solid state through said feed channel wherein the feed channel is in the form of a channel expanding towards the top and exiting towards the upper part of the bath with the melt.

No. of Pages : 15 No. of Claims : 4

(22) Date of filing of Application :11/09/2014

(21) Application No.7614/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : STEEL LATT	TICE CONFIGURATION	Į –
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E04B2/84 :12161845.8 :28/03/2012 :EPO :PCT/EP2013/056744 :28/03/2013 :WO 2013/144309 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SISMO TRADING LTD. Address of Applicant :Settembrina, St. Pauls Street, Naxxar, NXR4019 Malta (72)Name of Inventor : 1)CLAESSENS Olaf

(57) Abstract :

A prefabricated wall module comprising a series/plurality of lattices said series of lattices: a) Defining at least one slot accommodating a panel b) Defining a grid along an outer surface of said wall module characterised in that at least one end standing lattice of said wall module is structurally different than one or more of the other lattices in the wall module

No. of Pages : 15 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H01F7/02	(71)Name of Applicant :
(31) Priority Document No	:13/421,219	1)TORQUE MULTIPLIERS LLC
(32) Priority Date	:15/03/2012	Address of Applicant : P.O. Box 7417, 761 Somerset Street,
(33) Name of priority country	:U.S.A.	Watchung, NJ 07069 U.S.A.
(86) International Application No	:PCT/US2013/032259	(72)Name of Inventor :
Filing Date	:15/03/2013	1)MILLER Jr. Harold L.
(87) International Publication No	:WO 2013/138751	2)COLSON Jr. Andrew E.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : PERMANENT MAGNET DRIVE APPARATUS AND OPERATIONAL METHOD

(57) Abstract :

A magnetic drive apparatus includes first and second magnet carriers carrying first and second permanent magnet arrangements. An intermediate magnet carrier disposed between the first and second magnet carriers carries a third permanent magnet arrangement. The magnet carriers are arranged for rotation relative to each other such that the magnet arrangements produce magnetic interactions that result in power stroke forces causing the magnet carriers to undergo relative reciprocation in first and second stroke directions during power zone portions of the relative rotation. The magnetic interactions impart substantially no power stroke forces during dead zone portions of the relative rotation. The dead zones include magnet carrier relative rotation positions wherein opposing magnetic poles are mutually coaxially aligned but produce a substantially equal balance of push and pull magnetic forces. The apparatus may be synchronized so that the dead zones coincide with top dead center and bottom dead center relative reciprocation positions.

No. of Pages : 97 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PNEUMATIC VEHICLE TYRE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:02/08/2012	 (71)Name of Applicant : 1)CONTINENTAL REIFEN DEUTSCHLAND GMBH Address of Applicant :Vahrenwalder Strae 9 30165 Hannover Germany (72)Name of Inventor : 1)KRAMER Thomas 2)RECKER Carla 3)KREYE Marc 4)TORBRGGE Thorsten

(57) Abstract :

The invention relates to a pneumatic vehicle tyre having a radial carcass which tyre has a sulphur impregnated rubber mixture which contains 70 to 100 phr (parts per weight related to 100 parts per weight of the entire types of rubber in the mixture) of natural rubber up to 30 phr of at least one polybutadiene up to 15 phr of at least one soot 20 to 100 phr of at least one silica at least one silane coupling agent and one adhesive system. In order to lengthen the service life of the pneumatic vehicle tyre the rubber mixture is the carcass rubber coating and the silica has a CTAB number according to ASTM D 3765 of more than 100 m/g.

No. of Pages : 16 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LOW PRESSURE STEAM TURBINE SEAL ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/EP2013/055676 :19/03/2013 :WO 2013/139782	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)ROGE Julien 2)LAMAQUE Jerome 3)LAURENT Xavier
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A seal arrangement is installed between confronting co-planar portions of a low pressure steam turbine exhaust hood (2) and a circular bulkhead (16) that forms part of an exhaust duct structure (IOB) of a steam turbine module (I). The seal arrangement forms a vacuum seal between the interior and exterior of the exhaust hood and comprises a flexible gasket (18) in the form of an annular diaphragm. This diaphragm has a radially inner circumferential portion (30) that seals with the bulkhead (16), a radially outer circumferential portion (32) that seals with the exhaust hood (2), and a radially median resilient portion (34). Sealing is achieved by providing radially inner and outer clamping flanges (36, 38) operative to sealingly clamp inner and outer circumferential portions (30, 32) of the gasket (18) to the bulkhead (16) and the exhaust hood (2) respectively. To enable quick access to the interior of the exhaust hood (2), the clamping flanges comprise upper and lower halves and the upper part of the gasket (18) is sealed to the upper parts of the exhaust hood (2AU) and the bulkhead (16U) by an arrangement of flanges (36, 38) and counter-flanges (40, 42), the counter-flanges being releasably secured to outside surfaces of the exhaust hood and the bulkhead.

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

(19) INDIA

(22) Date of filing of Application :12/09/2014

(21) Application No.7621/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR OPERATING A POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:F01K9/02 :12160093.6 :19/03/2012 :EPO	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	121 0	 (72)Name of Inventor : 1)MOHR Wolfgang Franz Dietrich 2)OLIA Hamid
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)CARRILLO RUBIO Miguel Angel 4)REINHARD Juergen

(57) Abstract :

The invention relates to a method for operating a steam power plant, particularly a combined cycle power plant (10), which comprises a gas turbine (11) an a steam/water cycle (20) with a heat recovery steam generator (16), through which the exhaust gases of the gas turbine (11) flow, a water-cooled condenser (21), a feedwater pump (26) and a steam turbine (17, 18, 19), whereby a cooling water pump (22) is provided for pumping cooling water through said water-cooled condenser (21), and evacuating means (25) are connected to said water-cooled condenser (21) for evacuating at least said water-cooled condenser (21). The inventive operating method is related to a shut down and start-up of said power plant (10) after said shut down and comprises the steps of: a) shutdown of the steam turbine (17, 18, 19) and gas turbine (11) and/or a combustor (13) of said gas turbine (11); b) restoration of a good vacuum within the condenser (21) by using said evacuating means (25); c) stopping said cooling water pump (22) of said water-cooled condenser (21) and said evacuating means (25), and filling up at least said condenser (21) with steam up to slightly above atmospheric pressure; d) controlling the pressure with a flow of said cooling water; e) after a certain shut-down period starting the cooling water pump (22) just before start-up of the plant (10); f) starting the plant (10).

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

(21) Application No.5788/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1200547.6 :13/01/2012 :U.K. :PCT/GB2013/050038 :10/01/2013 :WO 2013/104905 :NA :NA	 (71)Name of Applicant : 1)PROCESS SYSTEMS ENTERPRISE LIMITED Address of Applicant :6th Floor East 26 28 Hammersmith Grove London Greater London W6 7HA U.K. (72)Name of Inventor : 1)PANTELIDES Constantinos Christou 2)CHENG Ying Sheng 3)MARRIOTT James Ingram
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SYSTEM FOR FLUID PROCESSING NETWORKS

(57) Abstract :

A method of monitoring a fluid processing network comprising a plurality of fluid processing regions the method comprising the steps of: receiving measured current parameter values at known points of the network; determining from the measured current parameter values regions of the network that are active all other regions being deemed inactive; subtracting inactive regions of the network from a model of the fluid processing network to provide a current active network model; determining current parameter values of the current active network at least at points remote from the known points the parameter values at said remote points being determined using the measured current parameter values and the current active network model; based on the current parameter values determining if one or more pre specified boundaries are breached; and performing a predetermined action if one or more said boundaries are breached.

No. of Pages : 45 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : 1 3 DIPHENYLPROPANE DERIVATIVES PREPARATIONS AND USES THEREOF

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:28/12/2011 :EPO :PCT/EP2012/077026 :28/12/2012 :WO 2013/098374 :NA :NA	 (71)Name of Applicant : 1)GENFIT Address of Applicant :Parc Eurasant Lille Mtropole 885 avenue Eug¨ne Avine F 59120 Loos France (72)Name of Inventor : 1)DUBERNET Mathieu 2)DELHOMEL Jean Fran§ois 3)BERTRAND Karine
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel 1 3 diphenylpropane derivatives pharmaceutical compositions comprising the same and therapeutic uses thereof in particular in the fields of human and animal health. The compounds according to the present invention have intrinsic PPAR agonist properties. They are therefore of particular interest in the treatment of metabolic and/or inflammatory diseases and particularly peripheral and central diseases associated with the metabolic syndrome such as diverse forms of steatohepatitis type 2 diabetes diverse neurodegenerative disorders such as Alzheimer sdisease Parkinson s disease and multiple sclerosis.

No. of Pages : 71 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LOCALIZED HARDENING OF METALLIC SURFACES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C21D1/38,F16C33/12,B23H9/00 :12155655.9 :15/02/2012 :EPO :PCT/EP2013/053092 :15/02/2013 :WO 2013/121005	 (71)Name of Applicant : 1)LONGEVITY ENGINEERING SA Address of Applicant :rue Henri Schnadt 4 L 2530 Luxembourg (72)Name of Inventor : 1)KISLOV Valentin 2)KISLOV Stanislav
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method and system for treatment of a surface of a metallic material component the method comprising the steps: electro spark treating the surface of the metallic component by means of an electro spark electrode wherein the metallic material is a basically ferritic perlitic and/or austenitic steel and the method creates a thin layer with martensitic microstructures at the surface of the metallic material component. Serpentines and quartz can be incorporated by an additional step as well as the surface randomly structured by this.

No. of Pages : 27 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

:F16L21/00,F16L21/04	(71)Name of Applicant :
:61/612189	1)ROMAC INDUSTRIES INC.
:16/03/2012	Address of Applicant :21919 20th Avenue Suite 100 Bothe
:U.S.A.	Washington 98021 U.S.A.
:PCT/US2013/026231	(72)Name of Inventor :
:14/02/2013	1)EATON Delbert
:WO 2013/138014	2)GETZEWICH Lee
٠NIA	3)ALBIN David R.
INA	
:NA	
:NA	
	:61/612189 :16/03/2012 :U.S.A. :PCT/US2013/026231 :14/02/2013 :WO 2013/138014 :NA :NA

(54) Title of the invention : FITTING WITH DRAW MECHANISM

(57) Abstract :

A fitting 10 includes a hollow body 12 a sealing member 44 and a draw mechanism. The fitting mechanism includes a primary actuation element 20 coupled with the body 12 at a first end 22 and a plurality of secondary actuation elements 50 coupled to the sealing member 44. The plurality of secondary actuation elements 50 are positioned in an interior of the hollow body 12 and circumferentially spaced from each other. The plurality of secondary actuation elements 50 are also engaged with the primary actuation element 20 such that actuation of the primary actuation element 20 draws the plurality of secondary actuation elements 50 axially towards the opening at the first end 22 of the hollow body 12 thereby translating the sealing member 44 from an open position to a sealing position.

No. of Pages : 41 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS AND PROCESS FOR SURFACE GASIFICATION IN A REDUCTION REACTOR SHAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/EP2013/058048 :18/04/2013 :WO 2013/156548	 (71)Name of Applicant : 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrasse 44 A 4031 Linz Austria (72)Name of Inventor : 1)AICHINGER Georg 2)BEHAM Karl Heinz 3)PUM Reinhard 4)STERRER Wolfgang 5)WIEDER Kurt 6)WURM Johann
(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 an apparatus for production of metal sponge or pig iron from metal oxide containing material in piece form using a reduction gas comprising a reduction reactor shaft (1) and several reduction gas inlet lines which end in the interior of the reduction reactor shaft (1) for introduction of reduction gas into the interior of the reduction reactor shaft (1). It is characterized in that a reduction gas channel body (11) which passes through the interior of the reduction reactor shaft (1) is present for distribution of reduction gas into the interior of the reduction gas supply line for supply of reduction gas below the reduction gas channel body into the interior of the reduction reactor shaft (1) is present essentially vertically below the reduction gas channel body (11) at at least one inner wall end of the reduction gas channel body (11) and the reduction gas into the interior of the reduction gas into the invention a first portion of the reduction gas introduced into the bed by means of several reduction gas inlet lines which end in the interior of the reduction gas is distributed into the bed by means of a reduction gas channel body which passes through the interior of the reduction gas is supplied essentially vertically below the reduction gas channel body into the interior of the reduction gas is supplied essentially vertically below the reduction gas is distributed into the bed by means of a reduction gas channel body which passes through the interior of the reduction gas is supplied essentially vertically below the reduction gas channel body which passes through the reduction gas is supplied essentially vertically below the reduction gas channel body which passes through the interior of the reduction gas is distributed into the bed by means of a reduction gas channel body which passes through the interior of the reduction reactor shaft.

No. of Pages : 37 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PORTABLE MOTOR DRIVEN TRANSPORTATION MEANS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:Brazil	 (71)Name of Applicant : 1)DOURADO Hugo Leonardo Address of Applicant :Alameda Cat£nia 148 Apto. 1501 Pituba Salvador BA CEP: 41830 490 Brazil (72)Name of Inventor : 1)DOURADO Hugo Leonardo
(87) International Publication No	:WO 2013/134838	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Portable motor-driven transportation means consists essentially of a personal portable motor-driven transportation means (PMT), with a telescopic handle on the upper part (2), a hand grip (25), where stowage is preferably done with a backpack (1), which offers protection and which is 10 easily carried or slung over ones back, in a simple, practical and fast manner when arriving at ones destination or when it can no longer be used. The board is retractable and/or foldable (8), offering an additional extension (8), proving to be extremely practical in its use. This additional space (8) can receive any object, adding a seat, or even another person. 15 In the personal portable motor-driven transportation means (PMT), the driver and rolling wheel assemblies, such as the drive shaft (12) with a free wheel (13) and a pulled wheel (14); with a free axle (3) with free wheels (4); simple axle (3) with free wheel (4), considering several traction combinations, with simultaneous or partial operation, varying between 4x4, 20 4x2, 2x1, front or rear, with the aid of an electric motor activation system (15) in the traction, guaranteeing a multifunctional and ecologically correct personal portable motor-driven transportation means (PMT).

No. of Pages : 27 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NEGATIVE PRESSURE WOUND THERAPY PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:U.S.A. :PCT/US2013/025903	 (71)Name of Applicant : 1)BSN MEDICAL INC. Address of Applicant :5825 Carnegie Boulevard Charlotte NC 28209 4633 U.S.A. (72)Name of Inventor : 1)EVANS John C. 2)SCHUETZ Patrick
Filing Date	:13/02/2013	
(87) International Publication No	:WO 2013/123024	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A negative pressure wound therapy bandage including a three dimensional knitted fabric formed of fibers that are moisture resistant and that define an exudates transport layer for transporting wound exudates away from a wound. The bandage may further include a non adherent material adapted for preventing the exudates transport layer from adhering to the wound during therapy.

No. of Pages : 16 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DOCUMENT GUIDE SYSTEMS AND METHODS EMPLOYING A DOCUMENT PLATEN :G07D13/00,B65H5/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)DE LA RUE NORTH AMERICA INC. :13/327430 (32) Priority Date Address of Applicant :6401 Commerce Drive Irving TX 75063 :15/12/2011 (33) Name of priority country :U.S.A. U.S.A. :PCT/US2012/069128 (86) International Application No (72)Name of Inventor: Filing Date :12/12/2012 **1)DOAN Thang** (87) International Publication No :WO 2013/090352 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Document guide systems and methods employing a document platen are provided. According to an illustrative embodiment a document guide system employing a document platen includes a document platen having a first document faceable side and a second opposing side and a document support sub system adjacent the first side of the document platen. The document support sub system and the first side of the document platen are adapted to receive a document therebetween and the document platen forms an aperture adapted to allow electromagnetic radiation therethrough.

No. of Pages : 41 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NOVEL CARDANOL BASED ORGANIC VULCANIZING AGENT PRODUCTION METHOD FOR SAME AND BLENDED RUBBER COMPOSITION FOR TYRES USING SAME

(31) Priority Document No(32) Priority Date	:C08K5/36,C08K5/13,C08L21/00 :1020130082035 :12/07/2013	1)M&B GREENUS CO. LTD. Address of Applicant :328 42 Bangu ro Munsu myeon
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:Republic of Korea :PCT/KR2014/003236 :15/04/2014 :WO 2015/005568 :NA :NA :NA	Yeongju si Gyeongsangbuk do 750 881 Republic of Korea (72)Name of Inventor : 1)LEE Hong Dae 2)KIM Jin Hwan 3)PARK Je Hwan 4)YOON Joo Young 5)PARK Ki Un 6)VO Thi Hai

(57) Abstract :

The present invention provides: a production method for a cardanol based organic vulcanizing agent the method comprising a step of reacting a cashew nut extract and powdered sulphur; a cardanol based organic vulcanizing agent produced by means of the method; and a rubber compound and a tyre composition using the vulcanizing agent. The rubber composition using the cardanol based organic vulcanizing agent of the present invention markedly improves estimated trip milage (FPS) tensile strength (T/S) unvulcanized characteristics and wet road surface grip characteristics as compared with using a conventional vulcanizing agent and contributes to an improvement in actual vehicle wear performance in tyres that constitute an end product using same and thus can advantageously be utilized in a blended rubber composition used in a rubber vulcanizing process for tyre treads.

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

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61B6/03	(71)Name of Applicant :
(31) Priority Document No	:2012070823	1)HITACHI MEDICAL CORPORATION
(32) Priority Date	:27/03/2012	Address of Applicant :4 14 1 Soto kanda Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1010021 Japan
(86) International Application No	:PCT/JP2013/057118	(72)Name of Inventor :
Filing Date	:14/03/2013	1)TAKAHASHIHisashi
(87) International Publication No	:WO 2013/146283	2)HIROKAWAKoichi
(61) Patent of Addition to Application	:NA	3)GOTOTaiga
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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

(57) Abstract :

In order to provide an image processing device and the like making it possible to generate a target image in which edges of a structure are upheld and from which streaking artifacts are removed a computation device determines the shape of a non linear function on the basis of feature amounts of an original image and a smoothed image (S101). Next the computation device calculates a condition coefficient of the original image and the smoothed image by using the non linear function for which the shape was determined in S101 (S102). Next the computation device uses the condition coefficients calculated in S102 to calculate a weighting coefficient for each of the pixels of the original image and the smoothed image (S103). Next the computation device adds weighting to the original image and the smoothed image (S104).

No. of Pages : 40 No. of Claims : 14

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A DENTAL HYGIENE ITEM		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)ERSKINE PRODUCTS PTY LTD Address of Applicant :5/224 Headland Road North Curl Curl NSW 2099 Australia (72)Name of Inventor : 1)ERSKINE SMITH Craig Mathew

(57) Abstract :

A dental hygiene item such as an interdental brush (10) and a floss item (30). The items (10 and 30) are intended to be used with a handle (50) to aid in manipulating the item. Each of the items has a second end portion such as a second end portion (40) that is received within the handle (50).

No. of Pages : 20 No. of Claims : 9

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) The of the invention . The Vie Dory	LILAIL	
(51) International classification	:A61B17/80	(71)Name of Applicant :
(31) Priority Document No	:61/610707	1)SYNTHES GMBH
(32) Priority Date	:14/03/2012	Address of Applicant :Eimattstrasse 3 CH 4436 Oberdorf
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/030423	(72)Name of Inventor :
Filing Date	:12/03/2013	1)BORDEAUX Jean
(87) International Publication No	:WO 2013/138294	2)BEALE Brian
(61) Patent of Addition to Application	. NI A	3)BOUDRIEAU Randy J.
Number	:NA	4)KOWALESKI Michael P.
Filing Date	:NA	5)VANNINI Rico
(62) Divisional to Application Number	:NA	6)VEZZONI Aldo
Filing Date	:NA	
		1

(54) Title of the invention : PELVIC BONE PLATE

(57) Abstract :

A bone fixation device includes a plate body which includes (a) a first body portion lying in a first plane (b) a second body portion lying in a second plane and (c) an interface body portion lying in a third plane. The first plane is angled relative to the second plane and the third plane is angled relative to the first and second planes. A longitudinal axis of the first body portion is angled with respect to a longitudinal axis of the second body portion. The first body portion has first and second openings extending therethrough. The second body portion has third and fourth openings extending therethrough.

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

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPROVED PERFORMANCE OF GA AND ZN EXCHANGED ZSM 5 ZEOLITE CATALYST FOR CONVERSION OF OXYGENATES TO AROMATICS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01J29/40,B01J37/02,C07C1/20 :11009991.8 :20/12/2011 :EPO	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/005213 :17/12/2012	(72)Name of Inventor :1)KARTICK Chandra Mondal
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/091824 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a process for producing aromatic hydrocarbons comprising contacting a feedstream comprising an oxygenate with a catalyst composition comprising a medium pore size aluminosilicate zeolite further comprising gallium and one or more elements selected from Group 12 of the Periodic Table. The process of the present invention is preferably performed in absence of any feed diluents.

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PHARMACEUTICAL COMPOUNDS

Application No:PC1/GB2012/0528064)ANGELL RichardFiling Date:12/11/20125)MATHEWS Neil(87) International:WO 2013/0687695)MATHEWS NeilPublication No:NA:NA(61) Patent of Addition to Filing Date:NA(62) Divisional to:NAApplication Number Filing Date:NAFiling Date:NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:WO 2013/068769 :NA :NA :NA	
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(57) Abstract :

Benzimidazoles of formula (I): wherein: A is 5-to 12-membered aryl or 5-to 12-membered heteroaryl, each of which is unsubstituted or substituted; Y is a single bond, -(CH2) -, -X-, -CH2-X-, or -X-CH2-; X is -0-, -S-, -N(R2)-, >C=0, >S(=0), >S(=0) 2, -0-C(=0)-, -C(=0)-0-, N(R)-C(=0)-, or -C(=0)-N(R 2)-; each L is independently a single bond, Ci. alkylene, C2. o alkenylene or C2. alkynylene; Ris Ci.6alkyl, C2.6alkenyl or C2.6alkynyl, each of which is unsubstituted or substituted; each Z is in de pendently -N(R), -CR2, -SR2, -S(=0)R 2, -S(=0) 2R2; each R2 is independently hydrogen, Ci- alkyl, C2 alkenyl or C2 alkynyl, wherein said alkyl, alkenyl and alkynyl groups are unsubstituted or substituted; m is 0, 1, 2, or 3; n is 1, 2, or 3; and p is 1, 2, or 3; o and the pharmaceutically acceptable salt thereof are inhibitors of RSV and can therefore be used to treat or prevent an RSV infection.

No. of Pages : 46 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :16/06/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C01G19/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GABA INTERNATIONAL HOLDING AG
(32) Priority Date	:NA	Address of Applicant :Grabetsmattweg CH 4106 Therwil
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2011/073831	(72)Name of Inventor :
Filing Date	:22/12/2011	1)CERESA Alan Carlo
(87) International Publication No	:WO 2013/091710	2)HECKENDORN Ren
(61) Patent of Addition to Application Number	:NA	3)SCHERRER Elisabeth
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF STANNIC OXIDE

(57) Abstract :

Disclosed herein are pro Figure 1 cesses for oxidising Sn2 + dissolved in an aqueous solution to stannic compounds using N0 2 and optionally 0 2 as oxidants, wherein the aqueous solution is kept at a pH in the range of 0 to 7, wherein a salt Sn2 +(Xn)2/n and the oxidants are used ac cording to the reaction scheme a Sn + (X°)2/n + b O2 + c NO2 stannic com pounds in which scheme a, b and c are mole numbers; with the proviso that when b is essentially zero, then the aqueous solution is essentially free of CI . HSO4 - and SO42-.

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

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SIGNAL SYNCHRONIZATION SYSTEM MULTIPROCESSOR AND NODE SYNCHRONIZATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:01/05/2012 :WO 2013/164887 :NA :NA :NA	 (71)Name of Applicant : 1)FUJI ELECTRIC CO. LTD. Address of Applicant :1 1 Tanabeshinden Kawasaki ku Kawasaki shi Kanagawa 2109530 Japan (72)Name of Inventor : 1)MITSUI Takashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A reference value is set and by means of a count value reaching the reference value a first reference signal and a second reference signal are generated by a first reference signal generation unit and a second reference signal generation unit. The generated first reference signal is received and a specified process is executed. The first reference signal is received and a restart is performed. An overhead until the specified process is executed is measured with the point in time of the restart as the starting point. A count value is acquired said count value being for the point in time at which the specified process is executed after the overhead has elapsed. When the acquired count value is different from the overhead value an assessment is made that the first reference signal and the second reference signal are not synchronous. A synchronization correction value is determined by subtracting the count value from the overhead value. A value obtained by subtracting the determined synchronization correction value from the reference value is set as a provisional reference value in the second reference signal generation unit.

No. of Pages : 75 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : 2 6 DIHALO 5 ALKOXY 4 SUBSTITUTED PYRIMIDINES PYRIMIDINE CARBALDEHYDES AND METHODS OF FORMATION AND USE

classification:C07D239/34,C07D405/04,A01N45/501)DOW AC(31) Priority Document No:61/582156Address of(32) Priority Date:30/12/2011Indiana 46263(33) Name of priority country:U.S.A.1)SIDDAL	
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(57) Abstract :

2 6 Dihalo 5 alkoxy 4 substituted pyrimidines 2 6 dihalo 5 alkoxy 4 pyrimdine carbaldehydes and derivatives of each are useful intermediates in forming potent herbicides that demonstrate a broad spectrum of weed control. These compounds are disclosed as are methods of forming and using these compounds.

No. of Pages : 35 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F03D7/02 :12154393.8 :08/02/2012 :EPO :PCT/EP2013/051765 :30/01/2013 :WO 2013/117470 :NA :NA :NA	(71)Name of Applicant : 1)ROMO WIND AG Address of Applicant :Baarerstrasse 80 CH 6300 Zug Switzerland (72)Name of Inventor : 1)HANSEN Jesper Kj¦r
Filing Date	:NA	

(54) Title of the invention : APPARATUS FOR ADJUSTING THE YAW OF A WIND TURBINE

(57) Abstract :

The invention regards an apparatus for adjusting the yaw of a wind turbine adapted for mounting on a wind turbine comprising a system for measuring the wind direction adapted via a control signal to control the yaw angle of the wind turbine based on the wind direction and a wind sensor system adapted to determine the yaw error of the wind turbine and means for modifying the control signal based on the yaw error determined by the wind sensor system.

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

(21) Application No.7660/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(51) International classification :B22D11/00,B21B1/16,B21C1/00 (71)Name of Applicant : **1)NIPPON STEEL & SUMITOMO METAL** (31) Priority Document No :2012-089220 (32) Priority Date :10/04/2012 CORPORATION (33) Name of priority country Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku :Japan Tokyo 1008071 Japan (86) International Application :PCT/JP2013/060808 (72)Name of Inventor: No :10/04/2013 Filing Date 1)OOBA Hiroshi (87) International Publication 2)KITA Akio :WO 2013/154129 No **3)OKONOGI Makoto** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(54) Title of the invention : WIRE ROD STEEL WIRE USING SAME AND BILLET

(57) Abstract :

If an area that is formed concentrically inward from a surface of a wire rod and whose cross section ratio with respect to the cross sectional area of a cross section of the wire rod is between 13% and 56% is defined as area I an area that widens concentrically about the central axis of the wire rod and whose cross section ratio with respect to the cross sectional area of the wire rod is between 3% and 11% is defined as area III and an area between area I and area III is defined as area II then area I is a first negative segregation portion where the degree of C segregation with respect to the average C concentration of the wire rod is between 0.75 and 0.95 area II is a positive segregation portion where the degree of C segregation is between 1.00 and 1.10 area III is a second negative segregation portion where the degree of C segregation portion and the second negative segregation portion are placed in order from the surface.

No. of Pages : 36 No. of Claims : 6

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BILL PROCE	SSING DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G07D7/00 :NA :NA :NA	 (71)Name of Applicant : 1)GLORY LTD. Address of Applicant :3 1 Shimoteno 1 chome Himeji shi Hyogo 6708567 Japan (72)Name of Inventor : 1)NAKAI Kozen 2)NAKASHIMA Yoshiomi 3)ASADA Toshihide 4)MATSUURA Shinji

(57) Abstract :

A bill processing device (100) is provided with a take in part (10) that takes in bills one by one a transfer part (70) that transfers each bill taken in by the take in part (10) an identification sensor (20) that obtains the information at least regarding the wear of the bill transferred by the transfer part (70) and a storage part (55) that stores thresholds regarding unfit note factors used for assessing the wear of the bills. The bill processing device (10) is also provided with a control part (50) which assesses the wear of the bills by comparing the thresholds with the detection values with respect to the unfit note factors based on the information obtained by the identification sensor (20) and counts the number of the reasons for identifying a bill as an unfit note for each unfit note factor and an output part (35) that outputs the unfit note factors and the number of reasons.

No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AL-PLATED STEEL SHEET METHOD FOR HOT PRESSING AL PLATED STEEL SHEET AND AUTOMOTIVE PART

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:C23C28/00,B21D22/20,C23C2/12 :2012-095014 :18/04/2012 :Japan	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2013/061206 :15/04/2013 :WO 2013/157522	Tokyo 1008071 Japan (72)Name of Inventor : 1)MAKI Jun 2)KUROSAKI Masao 3)KUSUMI Kazuhisa
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)YAMANAKA Shintaro

(57) Abstract :

This Al-plated steel sheet comprises a steel sheet an Al-based coating layer which contains at least Al in an amount of 85 mass% or larger and which has been formed by plating on one or each surface of the steel sheet and a surface coating layer which contains ZnO and at least one compound for improving lubricating properties and which has been superposed on the surface of the Al based coating layer.

No. of Pages : 69 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS AND METHOD FOR SUBJECTING AN OBJECT TO TORQUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/EP2013/056387 :26/03/2013 :WO 2013/174550	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : 1)SCHMITT Michael 2)CARLE Wolfgang
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an apparatus for subjecting an object (2) to torque having at least one flywheel mass (7) which is mounted such that it can be rotated about an axis of rotation (8) and having a drive for driving the flywheel mass (7) and having a bearing means (4) which makes it possible to change the orientation of the axis of rotation (8) relative to the object (2) characterized by the provision of a coupling means (5) which acts on the bearing means (4) and is intended for coupling the flywheel mass (7) to the object (2).

No. of Pages : 16 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MASTER BRAKE CYLINDER ARRANGEMENT FOR A MOTOR VEHICLE BRAKE SYSTEM AND INTEGRAL SEALING THROTTLE ELEMENT FOR THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60T11/22,B60T11/26 :10 2012 007 380.1 :12/04/2012 :Germany :PCT/EP2013/054359 :05/03/2013 :WO 2013/152895 :NA :NA	 (71)Name of Applicant : 1)LUCAS AUTOMOTIVE GMBH Address of Applicant :Carl Spaeter Strasse 8 56070 Koblenz Germany (72)Name of Inventor : 1)LAREQUI David Lopz 2)GIESE Hans Martin
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A master brake cylinder arrangement (10) for a motor vehicle brake system comprising: a master brake cylinder housing (12) with a cylindrical recess (28) at least one pressure piston (30, 32) which is displaceable and sealingly guided in the cylindrical recess (28) of the master brake cylinder housing (12) a fluid reservoir (14) which is fluidically coupled to the master brake cylinder housing (12) via a connecting region (22) and which serves for storing brake fluid wherein the at least one pressure piston (30, 32) together with the master brake cylinder housing (12) sealingly encloses a pressure chamber (38, 40) which as a function of the position of the associated pressure piston (30, 32) is fluidically coupled to a fluid circuit of the motor vehicle brake system wherein the fluid reservoir (14) in the connecting region (22) is received in a manner sealed by means of a sealing element (62) in a receiving portion (26) of the master brake cylinder housing (12) and wherein at least one throttle element (66) is provided in the connecting region (22) which throttle element is a function of the pressure conditions in the at least one pressure chamber (38, 40) throttles or derestricts the fluid stream between the fluid reservoir (14) and the at least one pressure chamber (38, 40) through the connecting region (22). In said master brake cylinder arrangement it is provided that the at least one throttle element (66) is combined with the sealing element (62) so as to form an integral structural unit.

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

(22) Date of filing of Application :15/09/2014

(21) Application No.7667/DELNP/2014 A

(43) Publication Date : 15/05/2015

(31) Priority Document No:10-2012(32) Priority Date:13/03/2(33) Name of priority country:Republic(86) International Application No:PCT/KJFiling Date:13/03/2	si Gyeonggi do 443 742 Republic of Korea (72) Name of Inventor :
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(54) Title of the invention : HUMIDIFIER

(57) Abstract :

A humidifier including a spray unit configured to apply electric charge to water, and to spray water having electric charge applied thereto, an evaporation unit formed with a duct in which evaporation of the electrically-charged water being sprayed is taken place, and configured to guide a vapour and a foreign substance, which are separated from each other through the evaporation, to an outside, and a dust collection unit configured to collect the foreign substance at an inside the duct by forming an electric field, the humidifier capable of performing a large-capacity humidification by the generation of the electrically charged droplets, and capable of removing the foreign substance included in the droplets by using the electrical force, thereby enhancing the cleanliness of the humidification, and by using an electric field, accelerating the evaporation so that the size of the duct is minimized, and thus manufacturing the humidifier in a compact size.

No. of Pages : 57 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE AND METHOD FOR TREATING EXHAUST GAS CONTAINING PARTICLES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F01N 3/01 :10 2009 025 136.7 :17/06/2009 :Germany :PCT/EP2010/057494 :28/05/2010 :WO 2010/145931 :NA :NA	(71)Name of Applicant : 1)EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH Address of Applicant :HAUPTSTRASSE 128, 53797 LOHMAR (DE) Germany (72)Name of Inventor : 1)MAUS, WOLFGANG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method and a device (1) for treating exhaust gas containing particles (2), comprising at least one particle agglomeration system (3) and a particle separator (4), wherein the particle agglomeration system (3) comprises at least one apparatus (5) for forming an electrical field (6) and a particle intermediate storage device (7), through which the exhaust gas can flow, and is positioned in a flow direction (8) of the exhaust gas upstream of the particle separator (4). The particles (2) are stored on top of each other at the particle intermediate storage device (7) such that particle agglomerates (15) are formed, which after a short period of time are removed again from the particle intermediate storage device (7) and supplied to the particle separator (4) for conversion.

No. of Pages : 23 No. of Claims : 11

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : NOVEL FLUORESCENT DYES AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09B 57/00 :61/225,985 :16/07/2009 :U.S.A. :PCT/US2010/042063 :15/07/2010 :WO 2010/008912 :NA :NA :NA	 (71)Name of Applicant : BECKMAN COULTER, INC. Address of Applicant :250 S. KRAEMER BOULEVARD, BREA, CALIFORNIA 92821, UNITED STATES OF AMERICA (72)Name of Inventor : HASHEM AKHAVANTAFTI RENUKA DE SILVA GUOPING WANG ROBERT A. EICKHOLT RAVINDER K. GUPTA LAKSHMI S. KAANUMALLE
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(57) Abstract :

The present invention provides fluorescent dyes that are based on firefly luciferin structure. These days are optimally excited at shorter wavelengths and have Stokes shift of at least 50nm. The fluorescent dyes of the invention are useful for preparation of dye-conjugates, which can be used in detection of an analyte in a sample.

No. of Pages : 71 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPRESSIVE PLATES FOR THE PLACENTA INSERTION SITE FOR USE IN CASES OF PLACENTA *PRAEVIA*

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/42 :MX/a/2012/002339 :23/02/2012 :Mexico :PCT/MX2013/000023 :18/02/2013 :WO 2013/125935 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GUZMAN SANCHEZ Jose Arnoldo Address of Applicant :Pablo Neruda n° 2520 Col. Providencia C.P. 44620 Guadalajara Jalisco Mexico 2)RODRIGUEZ DE ANDA Eduardo (72)Name of Inventor : 1)GUZMAN SANCHEZ Jose Arnoldo 2)RODRIGUEZ DE ANDA Eduardo
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(57) Abstract :

The present invention proposes compressive plates for the placenta insertion site for use in cases of placenta comprising: a plate shaft formed by a primary plate to which a threaded bar is attached having two machined planes and a reduction in diameter at the end thereof; a secondary plate which has a bore with a diameter and shape allowing the bar to be inserted; a punch that has a conical point; a nut and a locknut; and a cover. The punch pierces the anterior and posterior walls of the uterus corresponding to the placenta insertion site. Next the secondary plate is inserted and brought closer to the primary plate until sufficient pressure is achieved to prevent bleeding the nut and locknut are placed and finally the protection cover is screwed on.

No. of Pages : 12 No. of Claims : 8

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

	Elettion DE liee	
(51) International classification	:C01B13/11	(71)Name of Applicant :
(31) Priority Document No	:2012-059696	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:16/03/2012	Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(33) Name of priority country	:Japan	Tokyo, 1058001 Japan
(86) International Application No	:PCT/JP2013/000805	(72)Name of Inventor :
Filing Date	:14/02/2013	1)MURATA Takaaki
(87) International Publication No	:WO 2013/136663	2)OKITA Yuji
(61) Patent of Addition to Application	:NA	3)AMEMORI Kiyoyuki
Number		4)KUBO Kie
Filing Date	:NA	5)MAKISE Ryutaro
(62) Divisional to Application Number	:NA	6)NODA Kazuhiko
Filing Date	:NA	7)TAKAHASHI Ryouichi
		1

(54) Title of the invention : OZONE GENERATION DEVICE

(57) Abstract :

An ozone generation device has a cylindrical first electrode a cylindrical second electrode disposed on the same axis as the first electrode and within the first electrode and a dielectric body disposed between the first electrode and the second electrode. In the ozone generation device dry air is supplied as the starting material gas between the first electrode and the second electrode a discharge is generated as a consequence of a high voltage being applied between the first electrode and the second electrode and ozone is generated by means of said discharge. The discharge gap length (d) formed by means of the first electrode and the second electrode and the second electrode and the dielectric body is between 0.3 and 0.5 mm. The product (pd) of the discharge gap length (d) and the gas pressure (p) of the starting material gas are set so as to satisfy the following equation: (pd-250d-3.16) 2+150d=12.5.

No. of Pages : 23 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND MEANS FOR OBTAINING PLANTS WITH ENHANCED GLYPHOSATE TOLERANCE

(51) International classification	:C12N 15/82	(71)Name of Applicant :
(31) Priority Document No	:09075283.3	1)BAYER BIOSCIENCE N.V.
(32) Priority Date	:01/07/2009	Address of Applicant : TECHNOLOGIEPARK 38, BE-9052
(22) Name of priority country	:EUROPEAN	GENT, BELGIUM
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP10/003797	1)RENE RUITER
Filing Date	:24/06/2010	2)FRANK MEULEWAETER
(87) International Publication No	:WO 2010/000498	3)CHANTAL VANDERSTRAETEN
(61) Patent of Addition to Application Number	er:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to plants with a chimeric DNA molecule encoding a glyphosate tolerant EPSPS enzyme under the control of a plant constitutive promoter and a replacement histone intron 1, thereby conferring enhanced glyphosate tolerance to said plants.

No. of Pages : 76 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH PERFORMANCE, HIGH TEMPERTURE LIGHTWEIGHT FILM, TAPE OR SHEATH FOR WIRE INSULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B32B 27/08 :0911047.9 :26/06/2009 :U.K. :PCT/GB2010/051000 :16/06/2010 :WO 2010/149994	 (71)Name of Applicant : 1)TYCO ELCTRONICS UK LTD. Address of Applicant :FARADAY ROAD, DORCAN, SWINDON, WILTSHIRE SN3 5HH, UNITED KINGDOM. (72)Name of Inventor : 1)PAGLIUCA, ANTONIO 2)HAMMOND, PHILIP
· · ·		
Filing Date	:16/06/2010	1)PAGLIUCA, ANTONIO
(87) International Publication No	:WO 2010/149994	2)HAMMOND, PHILIP
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	INA	

(57) Abstract :

A thin, lightweight insulated wire comprises a core (10) with an insulating polymeric sheath comprising an inner layer (12) of polytetrafluroethylene (PTFE) to empower electrical insulation, a middle layer (14) of an aromatic and/or heterocyclic ring-containing polymer such as polyetheretherketone (PEEK) to provide enhanced mechanical properties such as abrasion and cut-through resistance and an outer layer (16) of PTFE which provides electrical and chemical resistance and allows the whole construction to be sintered. The middle layer may undergo some flow and alloying during sintering, which may provide additional and unexpected benefits. The preferred thickness of each film is 25 to 50 μ m. The use of such thin films allows for a compact, thin and lightweight insulation to be produced.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(51) International classification	:C10G 70/02	(71)Name of Applicant :
(31) Priority Document No	:12/535,113	1)PRAXAIR TECHNOLOGY, INC.
(32) Priority Date	:04/08/2009	Address of Applicant :39 OLD RIDGEBURY, ROAD,
(33) Name of priority country	:U.S.A.	DANBURY, CONNECTICUT 06810, UNITED STATES OF
(86) International Application No	:PCT/US2010/042422	AMERICA
Filing Date	:19/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/016981	1)RAYMOND FRANCIS DRNEVICH
(61) Patent of Addition to Application	:NA	2)VASILIS PAPAVASSILIOU
Number	:NA :NA	3)TROY M. RAYBOLD
Filing Date	.NA	4)PERRY RAYMOND PACOULOUTE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : HYDROCARBON TREATMENT METHOD AND APPARATUS

(57) Abstract :

A method and apparatus for producing a treated hydrocarbon containing stream for use as a feed to a hydrogen plant having a steam methane reformer in which an untreated hydrocarbon containing stream is introduced into two reaction stages connected in series to hydrogenate olefins and to convert organic sulfur species to hydrogen sulfide. The second of the two stages can also be operated in a pre-reforming mode to generate additional hydrogen through introduction of the oxygen and steam into such stage. A sulfur tolerant catalyst is used in both stages to promote hydrogenation and oxidation reactions. Sulfur is removed between stages by adsorption of the hydrogen sulfide to prevent deactivation of the catalyst in the second of the stages that would otherwise occur during operation of the second reaction stage in a pre-reforming mode of operation.

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

(19) INDIA

(22) Date of filing of Application :10/06/2014

(54) Title of the invention : LOW BEND LOSS OPTICAL FIBER

(43) Publication Date : 15/05/2015

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(51) International classification	:G02B6/036,G02B6/028	(71)Name of Applicant :
(31) Priority Document No	:61/564902	1)CORNING INCORPORATED
(32) Priority Date	:30/11/2011	Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No	:PCT/US2012/066949	(72)Name of Inventor :
Filing Date	:29/11/2012	1)BERKEY George Edward
(87) International Publication No	:WO 2013/082217	2)BOOKBINDER Dana Craig
(61) Patent of Addition to Application	.NI A	3)DAWES Steven Bruce
Number	:NA :NA	4)LI Ming Jun
Filing Date	INA	5)TANDON Pushkar
(62) Divisional to Application Number	:NA	6)WANG Ji
Filing Date	:NA	

(57) Abstract :

According to some embodiments a single mode fiber includes: a germania doped central core region having outer radius ri and relative refractive index D i; and a cladding region comprising (i) a first inner cladding region having an outer radius r2 > 6 microns and relative refractive index $\Delta 2$ and 0.3 < ri/r2 < 0.85; and (ii) a second inner cladding region having an outer radius r3>9 microns and comprising a minimum relative refractive index $\Delta 3$, wherein said second inner cladding region has at least one region with a relative refractive index delta that becomes more negative with increasing radius; and (iii) an outer cladding region surrounding the inner cladding region and comprising relative refractive index $\Delta 4$, wherein $\Delta 1 > \Delta 2 > \Delta 3$, $\Delta 3 < \Delta 4$.

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

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

:H04W36/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/599041 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date :15/02/2012 Address of Applicant :16483 S 16483 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/IB2013/051249 1)DIMOU Konstantinos Filing Date :15/02/2013 2)YANG Yu (87) International Publication No 3)BERG Jan Erik :WO 2013/121396 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS AND DEVICES FOR ADJUSTING RESOURCE MANAGEMENT PROCEDURES IN HETEROGENEOUS COMMUNICATION NETWORKS BASED ON CELL INFORMATION

(57) Abstract :

Devices and methods for adjusting resource management procedures in a mobile device communicating with a node operating in a cell in a heterogeneous communication network are disclosed. In one aspect a method for adjusting resource management procedures in a mobile device communicating with a node operating in a cell in a heterogeneous communication network includes receiving a signal including a reference signal transmitted from the node during a predetermined time period measuring signal reception information including reference signal power values at predetermined time intervals during the predetermined time period measuring speeds of movement of the mobile device at the predetermined time intervals determining a reference signal power variation value based on the variability of the measured reference signal power values comparing the determined reference signal power variation value with a predetermined power threshold value for a given measured speed determining cell information based on the comparison determining an adjustment to a resource management procedure based on the determined cell information and adjusting the resource management procedure based on the determined adjustment In exemplary embodiments of the disclosed methods and devices the cell information may be determined by using one or more of reference signal power variation reference signal quality variation signal to interference plus noise ratio variation Doppler frequency shift antenna location handover triggers and eel! signal power information.

No. of Pages : 97 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPROVING AGRONOMIC CHARACTERISTICS OF PLANTS THROUGH ABPH2

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C12N15/82,C12N9/02,A01H5/00 :61/610690 :14/03/2012 :U.S.A. :PCT/US2013/030635 :13/03/2013 :WO 2013/138399 :NA :NA	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. 2)COLD SPRING HARBOR LABORATORY (72)Name of Inventor : 1)JACKSON David Peter 2)ALLEN Stephen M. 3)JOHNSTON Robyn 4)LLACA Victor 5)YANG Fang
Filing Date (62) Divisional to Application		5) YANG Fang

(57) Abstract :

Methods and compositions for modulating an agronomic characteristic of a plant are provided. Methods are provided for modulating the expression of Abph2 sequence in a host plant or plant cell to modulate agronomic characteristics such as altered ear number and increased yield.

No. of Pages : 63 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :18/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A CONFIGURATION PROVISION DEVICE AND CORRESPONDING M2M DEVICE SYSTEM METHOD COMPUTER PROGRAM AND COMPUTER PROGRAM PRODUCT

(51) International classification (31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
(32) Priority Date(33) Name of priority country	:NA :NA	Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/SE2012/050286 :15/03/2012 :WO 2013/137787	 (72)Name of Inventor . 1)ARKKO Jari 2)KER,,NEN Ari 3)NOVO DIAZ Oscar 4)RISSANEN Heidi Maria 5)TSIATSIS Vlasios
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

It is presented a configuration provision device comprising: an electronic paper display; an input device arranged to detect a user action; and a controller arranged to when the input device detects a user action determine configuration data of a machine to machine device associated with the configuration provision device and display the configuration data on the electronic paper display. A corresponding machine to machine device system method computer program and computer program product are also presented.

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : EXTRACTION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Data 	:PCT/JP2012/056638 :15/03/2012	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)KINOMURA Shigeki 2)ONO Tomoya
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This power extraction device extracts power from a vehicle which is provided with a battery (B) and a first connection section (21) for a plug (93) to connect to that is capable of feeding power to the battery and/or externally discharging power stored in the battery said power extraction device being connected to the first connection section (21). The power extraction device is provided with: a second connection section (31) to be connected to the first connection section (21) which is provided on an outer peripheral surface of the vehicle; and a third connection section (32) to which an external connection plug (82) for connecting an external device to the extraction device can be connected. The third connection section (32) contains a connection surface (30) which the external connection plug connects to. When the extraction device is connected to the first connection surface (30) extending from the connection surface (30) toward the outside slopes downward relative to the horizontal direction.

No. of Pages : 77 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POWDER COMPOSITIONS OF A COMPLEX BETWEEN AN ACID AND A METAL AND METHOD FOR PREPARING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C229/76,C07C323/52,C07C319/20 :12/52423 :16/03/2012 :France :PCT/FR2013/050549 :15/03/2013 :WO 2013/136030	 (71)Name of Applicant : 1)INNOVIA 3I Address of Applicant :Montglandier F 63380 Pontaumur France (72)Name of Inventor : 1)BUISSON Pierre 2)HUET Robert 3)FOURNIER Sbastien 4)VENDEVILLE Jean Eudes
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(57) Abstract :

The present invention relates to pulverulent compositions of a complex between an acid and a metal and the method of preparation thereof.

No. of Pages : 50 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WATER TREATMENT SYSTEM AND WATER TREATMENT METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:21/02/2013	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)OBARA Takumi 2)HARAGUCHI Satoshi 3)HAYAMI Tokusuke 4)HU Jinyang 5)OGYU Rie 6)IWASHITA Mari
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(57) Abstract :

A water treatment system comprising an anaerobic reactor (10) for decomposing organic pollutants in wastewater by the action of an anaerobic microorganism a trickling type aerobic reactor (12) packed with a filler to which microorganisms are to be attached said trickling type aerobic reactor being provided after the anaerobic reactor for trickling water to dissolve oxygen in the atmosphere therein and thus supplying oxygen and a membrane bio reactor (13) said membrane bio reactor being provided after the anaerobic reactor equipped with a separation membrane for solid liquid separation that is placed in a biological reaction tank wherein in treated water having been treated with the anaerobic reactor a portion corresponding to the amount required as reclaimed water is treated with the membrane bio reactor.

No. of Pages : 40 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRIC VEHICLE ELECTRIC POWER FACILITIES AND ELECTRIC POWER SUPPLY SYSTEM

(51) International classification (31) Priority Document No	:H02J7/00,B60L11/18,H01M10/44 :NA	(71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No Filing Date	:PCT/JP2012/057133 :21/03/2012	(72)Name of Inventor : 1)KINOMURA Shigeki
(87) International Publication No	:WO 2013/140536	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A vehicle (100) having an electricity storage device (110) and an inlet (220) connects to a power facility (900) through a cable (400) so as to enable electric power to be received from or transferred to the power facility (900) by charging or discharging the electricity storage device (110). A control device (300, 990) controls the discharge from the electricity storage device (110) so as to provide a limited discharge period for limiting the discharge from the vehicle (100) to the power facility (900) if the vehicle (100) and the power facility (900) are connected through the cable (400) after the electricity storage device (110) is charged by the electric power from the power facility (900) and to provide at least after the limited discharge period is completed a permitted discharge period in which the limitation on discharge during the limited discharge period is removed.

No. of Pages : 51 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR TUBULAR WELDING WIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/446796 :13/04/2012	 (71)Name of Applicant : 1)HOBART BROTHERS COMPANY Address of Applicant :400 Trade Square East Troy Ohio 45373 U.S.A. (72)Name of Inventor : 1)BARHORST Steven 2)BUNDY Joseph 3)BERTRAM Michael
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A tubular welding wire includes a granular core and a metal sheath encircling the granular core. Furthermore the metal sheath includes at least approximately 0.3% manganese by weight and at least approximately 0.05% silicon by weight.

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

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRICALLY DRIVEN MOTORCYCLE (51) International classification :H02K1/27,B62M6/60,B62M6/40 (71)Name of Applicant : **1)ROBERT BOSCH GMBH** (31) Priority Document No :10 2012 205 672.6 (32) Priority Date :05/04/2012 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (33) Name of priority country :Germany Germany (86) International Application (72)Name of Inventor: :PCT/EP2013/056545 No **1)STUBNER Armin** :27/03/2013 Filing Date 2) **DEMONT Stefan** (87) International Publication **3)MARTIN Norbert** :WO 2013/149911 No **4)DIETRICH Michel** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to an electrically driven motorcycle (1) comprising at least one electrical machine (4) which has a stationary stator (6) and a rotatably mounted rotor (7) wherein said rotor (7) has a return ring (9) with a plurality of permanent magnets (8) distributed over the circumference thereof. According to the invention the permanent magnets are arranged in the return ring (9) like spokes with alternating tangential magnetisation. The invention further relates to a method for operating such a motorcycle.

No. of Pages : 20 No. of Claims : 9

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COLD THERAPY DEVICE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/614766 :23/03/2012 :U.S.A.	 (71)Name of Applicant : 1)PFIZER INC. Address of Applicant :235 East 42nd Street New York New York 10017 U.S.A. (72)Name of Inventor : 1)EBEL James Patrick 2)FRANCO Marle 3)LOOMIS Erik Douglas

(57) Abstract :

The present invention is directed to a device for absorbing heat from a body. More particularly the invention pertains to an improved device which utilizes a gel material comprising liquids and solids to absorb over an extended period of time heat from a body. The present invention also includes methods of providing cold therapy treatment to a user

No. of Pages : 31 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C02F1/00	(71)Name of Applicant :
(31) Priority Document No	:13/412800	1)NALCO COMPANY
(32) Priority Date	:06/03/2012	Address of Applicant :1601 W Diehl Road Naperville Illinois
(33) Name of priority country	:U.S.A.	60563 1198 U.S.A.
(86) International Application No	:PCT/US2013/028979	(72)Name of Inventor :
Filing Date	:05/03/2013	1)RAO Narasimha M.
(87) International Publication No	:WO 2013/134180	2)HATCH Steven R.
(61) Patent of Addition to Application	:NA	3)VON DRASEK William A.
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TREATMENT OF INDUSTRIAL WATER SYSTEMS

(57) Abstract :

A method for controlling treatment of an industrial water system is disclosed. The method comprises the steps of providing an apparatus for controlling delivery of at least one treatment chemical the apparatus comprising at least one sensor and an electronic input/output device carrying out a protocol; measuring a parameter of the industrial water system using the at least one sensor; relaying the measured parameter to the electronic device; adjusting the protocol based on the measured parameter; delivering a concentrated treatment chemical into a stream of the industrial water system according to the adjusted protocol the concentrated treatment chemical comprising an active ingredient the active ingredient traced as necessary the active ingredient having a concentration; repeating the measuring the adjusting and the delivering; and optionally repeating the steps for n-number of parameters n number of active ingredients and/or n-number of concentrated treatment chemicals.

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B01J19/12,C02F1/32	(71)Name of Applicant :
(31) Priority Document No	:2012-059745	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:16/03/2012	Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(33) Name of priority country	:Japan	Tokyo, Japan 1058001 Japan
(86) International Application No	:PCT/JP2013/001657	(72)Name of Inventor :
Filing Date	:13/03/2013	1)ABE Norimitsu
(87) International Publication No	:WO 2013/136790	2)IDE Takeshi
(61) Patent of Addition to Application	:NA	3)KOBAYASHI Shinji
Number		4)SHIROTA Akihiko
Filing Date	:NA	5)TAKEUCHI Kenji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : LIQUID PROCESSING SYSTEM AND CONTROL METHOD

(57) Abstract :

A liquid processing system of an embodiment of the present invention is provided with the following: n levels (n is 2 or a natural number larger than 2) of processing units, in which each processing unit has one or a plurality of processing lines and each processing line has an ultraviolet irradiating unit, and m which the number of processing lines of the m-th level (m is a natural number smaller than n) processing unit is larger than the number of processing lines of the m+1- th level processing unit; and an adjustment means that adjusts the output of the ultraviolet irradiating units disposed on the given levels of processing units. The respective outputs of the ultraviolet irradiating units disposed on the given levels of processing units are fixed, and the adjustment means adjusts the output of the ultraviolet irradiating units disposed on the given levels of processing units so that the post processed liquid at the n-th level processing unit, which is the final level, will be at the desired processed condition.

No. of Pages : 88 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRESSURE ACTIVATED CONTINGENCY RELEASE SYSTEM AND METHOD

(51) International	:E21B17/04,E21B17/06,E21B19/18	(71)Name of Applicant :
classification		1)HALLIBURTON ENERGY SERVICES INC.
(31) Priority Document No	:NA	Address of Applicant :10200 Bellaire Boulevard Houston
(32) Priority Date	:NA	Texas 77072 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application	DCT/1102012/022702	1)NOFFKE RICHARD Paul
No	:PCT/US2012/032782	2)STAUTZENBERGER Arthur Terry
Filing Date	:09/04/2012	
(87) International Publication	:WO 2013/154527	
No		
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application		
Number	INA	
Filing Date	:NA	

(57) Abstract :

A release mechanism for use with a downhole component in a wellbore environment comprises a shifting sleeve disposed about a mandrel, where the shifting sleeve is torsionally locked with respect to the mandrel, a collet prop disposed about the mandrel and engaged with the shifting sleeve, where the engagement between the collet prop and the shifting sleeve is configured to torsionally lock the collet prop with respect to the shifting sleeve, and a collet engaged with the collet prop, wherein the collet couples the mandrel to the downhole component.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ADJUSTABLE FLOW CONTROL DEVICE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC Address of Applicant :10200 Bellaire Boulevard Houston TX 77072 U.S.A. (72)Name of Inventor : 1)LOPEZ Jean Marc 2)GRECI Stephen Michael 3)HOLDERMAN Luke William

(57) Abstract :

A flow control device comprises a fluid pathway configured to provide fluid communication between an exterior of a wellbore tubular and an interior of the wellbore tubular, a flow restriction disposed in the fluid pathway, wherein the flow restriction is disposed in a radial alignment with respect to the wellbore tubular, and a flow blockage disposed in the fluid pathway, wherein the flow blockage substantially prevents a fluid flow through the fluid pathway.

No. of Pages : 47 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND APPARATUS FOR OXIDATION OF UNBURNTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:27/03/2013	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)AJHAR Marc 2)GRUBBSTR-M Jrgen 3)BEAL Corinne
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(57) Abstract :

A method and apparatus for treatment of unburnts utilizing oxygen carrier particles, which may be CLOU particles, oxidized in an air reactor (14) and transmitted to a post oxidation reactor (25) as shown in Figure 2. A flue gas stream (34) containing unburnts is injected into post oxidation reactor (25) wherein unburnts are oxidized by oxygen supplied by oxygen carriers. Reduced oxygen carriers are separated from post oxidation reactor 25 and transmitted back to air reactor (14) for re-oxidation. An embodiment may include a post oxidation chamber (60), which may be catalytic, receiving a portion of flue gas stream (34) and oxygen from a flue gas stream (33) of post oxidation reactor (25).

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TREATMENT OF UNBURNTS

(51) International classification	:B01D53/62,B01D53/72,B01D53/86	(71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD
(31) Priority Document No	:13/435908	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(32) Priority Date	:30/03/2012	Baden Switzerland
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2013/052469 :27/03/2013	1)AJHAR Marc 2)GRUBBSTR–M Jrgen
(87) International Publication No	WO 2013/144884	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for treatment of unburnts in a flue stream 9 of a chemical looping combustion system. Unburnts present in the flue stream 9 are treated after CO2 is removed from the flue stream in a gas processing unit 13. As shown in Fig. 2, oxidation of the unburnts occurs primarily in an air reactor 2 in the presence of air 1, allowing the system to maintain CO2 capture effectiveness and removing the need for creation of enriched or pure oxygen 11.

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

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SELF LOCKING NIPPLE FOR WHEEL SPOKE AND METHOD AND APPARATUS FOR MANUFACTURING SAME

(51) International classification	:B60B1/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAPIM
(32) Priority Date	:NA	Address of Applicant : Terbekehofdreef 65, B-2610 Wilrijk
(33) Name of priority country	:NA	Belgium
(86) International Application No	:PCT/EP2012/053925	(72)Name of Inventor :
Filing Date	:07/03/2012	1)DE CORDES Amaury
(87) International Publication No	:WO 2013/131564	
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Self-locking nipple for attaching wheel spoke to wheel part. The self locking function of the nipple is created by deforming the nipple body in a rotationally symmetrical way and over a predetermined axial distance such that such a narrowed part is created in the internal screw thread of the nipple which is rotationally symmetric with respect to the longitudinal axis of the nipple and extends over only one to two windings of the internal screw-thread.

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

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F16H61/04	(71)Name of Applicant :
(31) Priority Document No	:1253053	1)RENAULT S.A.S.
(32) Priority Date	:03/04/2012	Address of Applicant :13-15 quai Le Gallo, F-92100
(33) Name of priority country	:France	Boulogne-Billancourt France
(86) International Application No	:PCT/FR2013/050590	(72)Name of Inventor :
Filing Date	:19/03/2013	1)MALOUM Abdelmalek
(87) International Publication No	:WO 2013/150205	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR SYNCHRONIZING A GEAR ON A GEARBOX SHAFT

(57) Abstract :

Method for synchronizing a gear on a parallel-shafts vehicle gearbox shaft comprising at least one primary shaft connected to a power source, one secondary shaft driven by the primary shaft to transmit the driving torque to the wheels over various transmission ratios, and at least one means of coupling a gear to its shaft in order to engage a transmission ratio without mechanical synchromesh members, characterized in that the power source is made to operate in such a way as to produce the signal commanding the reference torque (T1ref), equal to the minimum torque that can be transmitted in order to minimize the discrepancy ($\omega 2K-\omega 1$) between the primary speed ($\omega 1$) and the secondary speed ($\omega 2$) multiplied by the reduction ratio (K), when the relevant gear is coupled to its shaft, characterized in that the control signal is given by the sum (Kw.K. $\omega 2$ -Ks. ω +T1int), where (T1int) is a term derived by integrating the primary speed ($\omega 1$).

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PUNCTURE NEEDLE AND METHOD AND DEVICE FOR PRODUCING SAME :C23F4/00,A61M5/32 (71)Name of Applicant : (51) International classification 1)SHINMAYWA INDUSTRIES LTD. (31) Priority Document No :2012-036884 (32) Priority Date :23/02/2012 Address of Applicant :1 1 Shinmeiwa cho Takarazuka shi (33) Name of priority country :Japan Hyogo 6658550 Japan (72)Name of Inventor : (86) International Application No :PCT/JP2013/053493 Filing Date :14/02/2013 1)UEMURA Kensuke (87) International Publication No :WO 2013/125430 2) **REMNEV G. Alexey** (61) Patent of Addition to Application 3)SHALNOV V. Konstantin :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The purpose of the present invention is to provide a method for producing a puncture needle that causes less pain upon use, such as at the time of piercing. This is solved by a puncture needle producing method comprising a step of processing a pipe shaped metal base material, which has on one end thereof a ground surface made by machining, with a plasma generated in an atmosphere filled with a gas mixture including a principal gas and a reactive gas as main components.

No. of Pages : 48 No. of Claims : 7

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MODULAR I	ROLLING MILL	
 (54) The of the invention : MODULAR I (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21B1/18 :13/465382 :07/05/2012 :U.S.A.	 (71)Name of Applicant : 1)SIEMENS INDUSTRY INC. Address of Applicant :3333 Old Milton Parkway Alpharetta Georgia 30005 4437 U.S.A. (72)Name of Inventor : 1)SHORE T. Michael 2)SHORE S. Mark

(57) Abstract :

A modular rolling mill has a mill pass ling along which products are rolled in a rolling direction. The rolling mill comprises first gear units arranged along a first line parallel to the mill pass mill line. Each first gear unit is driven individually by a motor and has a pair of mechanically interconnected first shafts. Second gear units are arranged along a second line between and parallel to both the first line and the mill pass line. Each second gear unit has a pair of mechanically interconnected second shafts. Rolling units are arranged in succession along the mill pass line. Each rolling unit is driven by an input shaft and has a pair of mechanically interconnected roll shafts carrying work rolls. First couplings connect the first shafts of each first gear unit to second shafts of two successive gear units and second couplings releasably connect the second shafts of the second gear units to the input shafts of two successive rolling units. At least some of the first couplings comprise clutches that may be selectively disengaged to accommodate removal of selected rolling units from the pass line.

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

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRODUCTION PROCESS FOR A ZINC ENRICHED DRINKING WATER COMPOSITION AND PACKAGED WATER

(51) International classification (31) Priority Document No	:A23L2/52,A61K33/30 :12157303.4	(71)Name of Applicant : 1)NESTEC S.A.
(32) Priority Date	:28/02/2012	Address of Applicant : Avenue Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/053756	(72)Name of Inventor :
Filing Date	:26/02/2013	1)BONNIER Sylvain
(87) International Publication No	:WO 2013/127754	2)MARCHAL Eric
(61) Patent of Addition to Application Number	:NA	3)SUBLET Renaud
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a production process of a zinc enriched drinking water, also called final water product, which, starting from a water mat rix comprising drinking water, comprises, a first step of: - Measuring the pH of the water matrix (step A), and then, in one or der or the other, the steps of: - Acidifying the water matrix (step B) in order to get a final water product having a pH lower than 7, and - Adding zinc (step C) in a concentration comprised between 0,8 mg/1 et 5mg/l, so that sedimentation of zinc in the final water product is lower than 10% of soluble zinc over a period of 12 months at a maximum temperature of 40°C. The invention also concerns a zinc enriched drinking water composition and packaged zinc enriched drinking water.

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

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LACTOFERRIN FOR PREVENTING OR TREATING DIARRHEA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61K38/40,A23L1/305,A23K1/18 :PCT/CN2012/072594 :20/03/2012 :China :PCT/EP2013/055742 :19/03/2013 :WO 2013/139818	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :CT IAM Avenue Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)WANG Bing
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates in general to the field of intestinal health. In particular the present inventors have found that a composition comprising lactoferrin can be used in the prevention amelioration or treatment of diarrhea. This finding is in particular important because long lasting diarrhea is seen as a common cause of mortality in infants and children.

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

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METAL OXIDE CHARGE TRANSPORT MATERIAL DOPED WITH ORGANIC MOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:H01L51/54,H05B33/14,H01L51/52 :13/418,875 :13/03/2012 :U.S.A.	 (71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :1214 S. University Avenue, 2nd Floor, Ann Arbor, MI 48104-2592 U.S.A. (72)Name of Inventor : 1)FORREST Stephen R.
 (86) International Application No Filing Date (87) 	:06/03/2013	2)LASSITER Brian E.
(87) International Publication No	:WO 2013/138132	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

Doping metal oxide charge transport material with an organic molecule lowers electrical resistance while maintaining transparency and thus is optimal for use as charge transport materials in various organic optoelectronic devices such as organic photovoltaic devices and organic light emitting devices.

No. of Pages : 27 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SINTERING FURNACE WITH A GAS REMOVAL DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	a :F27B21/06,F27D17/00,C22B1/20 :10 2012 005 180.8 :16/03/2012 :Germany :PCT/EP2013/000732 :13/03/2013 :WO 2013/135373	 (71)Name of Applicant : 1)GKN SINTER METALS HOLDING GMBH Address of Applicant :Krebsge 10 42477 Radevormwald Germany (72)Name of Inventor : 1)ERNST Eberhard 2)ALBERT Ren 3)SCHUPP Thomas
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2013/133373 :NA :NA :NA	

(57) Abstract :

A sintering furnace with a first zone in particular a burn off zone and a second zone in particular a sintering zone and also a transitional zone arranged between the first zone and the second zone. The sintering furnace has at least one transporting mechanism for transporting bodies to be sintered on a transporting area. With this transporting mechanism the bodies to be sintered can be transported from the first zone and through the transitional zone to the second zone. The sintering furnace also has at least one gas removal device with at least one gas removal device opening. Here the gas removal device opening is at least partially arranged in the region of the transitional zone. Furthermore a method by means of which gases can be removed from a sintering furnace is claimed.

No. of Pages : 49 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LOCKING UNIT FOR A VEHICLE SEAT (51) International classification:B60N2/36,B60N2/433,E05B65/12 (71)Name of Applicant : 1)JOHNSON CONTROLS GMBH (31) Priority Document No :10 2012 011 515.6 (32) Priority Date :01/06/2012 Address of Applicant :Industriestrasse 20 30 51399 Burscheid (33) Name of priority country :Germany Germany (86) International Application (72)Name of Inventor: :PCT/EP2013/060236 No **1)HANDL Patrick** :17/05/2013 Filing Date (87) International Publication :WO 2013/178489 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a locking unit (10) for a vehicle seat (1) comprising a pivotally mounted rotary latch (20) for locking to a bolt (12) said rotary latch (20) comprising a rotary latch hole (24) for pivotably mounting on a bearing pin (51) which protrudes through the rotary latch hole (24) and a detent (30) which secures the locking unit (10) in the locked state in the event of a crash in which the rotary latch (20) supports itself on a first contact point against the detent (30). Said rotary latch (20) comprises at least one recess area (25) which enables said rotary latch (20) to deform in the event of a crash said recess area (25) being arranged at a distance from the rotary latch hole (24) in the radial direction.

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

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 15/05/2015

(54) Title of the invention : MEDIA FOR THE SPECIFIC DETECTION OF GRAM-NEGATIVE BACTERIA RESISTANT TO **BETA-LACTAM ANTIBIOTICS**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application 	:C12Q 1/04 :09/03679 :27/07/2009 :France :PCT/FR2010/051474 :13/07/2010 :WO 2010/012790	 (71)Name of Applicant : 1)BIOMERIEUX Address of Applicant :CHEMIN DE I'ORME, F-69280 MARCY L'ETOILE, FRANCE (72)Name of Inventor : 1)GILLES ZAMBARDI
	:PCT/FR2010/051474	(72)Name of Inventor :
· · ·	:13/07/2010	1)GILLES ZAMBARDI
(87) International Publication No	:WO 2010/012790	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention relates to a reaction medium for gram-negative bacteria having a beta-lactam antibiotic resistance mechanism, comprising: a marker for a beta-lactam antibiotic resistance mechanism, which is cefepime, an inhibitor of a resistance mechanism other than said beta-lactam antibiotic resistance mechanism.

No. of Pages : 15 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :08/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOLYBDENUM MIXED METAL OXIDE CATALYSTS FOR THE PRODUCTION OF UNSATURATED ALDEHYDES FROM OLEFINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2013/130146 :NA :NA	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia (72)Name of Inventor : 1)KAUFFMAN James W.
Filing Date	:NA	

(57) Abstract :

A catalyst for the oxidation of an olefin to an unsaturated aldehyde comprising a mixed metal oxide having the formula (I): MoWMM MZO where M represents trivalent metals M represents divalent metals M represents monovalent metals Z represents elements in the form of an oxide a b c d e f and g are numbers and where the catalyst has an anion to cation molar (ACM) ratio greater than 1.00 and less than 2.00 and an M to M molar ratio between 1.95 and 2.15.

No. of Pages : 50 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR THE HUMANIZATION OF ANIMAL SKIM MILK AND PRODUCTS OBTAINED THEREBY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A23J1/20,A23L1/29,A23L1/305 :NA :NA :NA	 (71)Name of Applicant : 1)N.V. NUTRICIA Address of Applicant :Eerste Stationsstraat 186 NL 2712 HM Zoetermeer Netherlands
 (86) International Application No Filing Date (87) International Publication No 	:PCT/NL2012/050148 :12/03/2012 o:WO 2013/137714	 (72)Name of Inventor : 1)TOBIN John 2)KELLY Philip 3)VERDURMEN Rudolph Eduardus Maria
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)VAN BAALEN Antonie 5)VAN EERTEN Roeland
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for the treatment of animal skim milk and for the production of an infant formula base product from animal skim milk which process is highly efficient and cost effective as only membrane filtration techniques such as microfiltration and ultrafiltration are required. By carefully controlling the process parameters a product is obtained in which most of the major components are within the desired range for an infant formula base product. The invention also relates to products obtainable by the process according to the invention.

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

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ENZYMES AND METHODS FOR CLEAVING N GLYCANS FROM GLYCOPROTEINS

(51) International classification	:C07K7/06,A61K38/08,C12N15/52	(71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF
(31) Priority Document No	:61/598593	CALIFORNIA
(32) Priority Date	:14/02/2012	Address of Applicant :1111 Franklin Street Twelfth Floor
(33) Name of priority country	:U.S.A.	Oakland California 94607 5200 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/026183 :14/02/2013	(72)Name of Inventor :1)GARRIDO Daniel2)GERMAN J. Bruce
(87) International Publication No	:WO 2013/123223	3)LEBRILLA Carlito B. 4)MILLS David A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided herein are deglycosylating enzymes that remove a broad range of N glycans from N glycosylated proteins. Further provided are methods of recombinantly producing and expressing the deglycosylating enzymes. The presently described deglycosylating enzymes can be used to produce free glycans for characterization and for prebiotic and immunostimulatory uses. In addition the presently described deglycosylating enzymes can be used to produce deglycosylated proteins for characterization to improve digestion and to reduce immunogenicity.

No. of Pages : 102 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MULTIBAND ANTENNA AND MANUFACTURING METHOD THEREOF

(51) International classification	:H01Q21/30,H01Q1/38,H01Q1/40	(71)Name of Applicant :
(31) Priority Document No	:2012-060231	1)NTN CORPORATION
(32) Priority Date	:16/03/2012	Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500003 Japan
(86) International Application No	:PCT/JP2013/057251 :14/03/2013	(72)Name of Inventor : 1)NODA Hiroyuki
Filing Date		2)SONOZAKI Tomokazu
(87) International Publication No	:WO 2013/137404	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This multiband antenna is provided with: a first antenna unit (10) having a first antenna pattern (11) formed from a conductor and a first substrate (12) holding the first antenna pattern (11) and formed from a dielectric body; and a second antenna unit (20) having a second antenna pattern (21) formed from a conductor and a second substrate (22) holding the second antenna pattern (21) and formed from a dielectric body and having a dielectric constant different from that of the first substrate (12). By injection molding the second substrate (22) with the first antenna unit (10) and the second antenna pattern (21) as insert components the first antenna unit (10) and the second antenna unit (20) are integrated.

No. of Pages : 22 No. of Claims : 6

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NASAL DELIVERY DEVICES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M15/08 :61/603089 :24/02/2012 :U.S.A. :PCT/EP2013/053748 :25/02/2013 :WO 2013/124493 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OPTINOSE AS Address of Applicant :Postboks 288 R,a N 0702 Oslo Norway (72)Name of Inventor : 1)DJUPESLAND Per Gisle 2)DUDGEON Kate 3)GORDON Joseph 4)GUARRAIA Mark 5)LECLERC Michael 6)MAHMOUD Ramy A

(57) Abstract :

A nasal delivery device comprising: a housing (15); a nosepiece (17) for fitting to a nasal cavity of a subject; a mouthpiece (19) through which the subject in use exhales; and a substance supply unit (21) including an actuation member (23) which extends from one end of the housing and is manually actuated to deliver substance to the nasal cavity of the subject; wherein the housing includes a grip section (27) which is disposed at the one end of the housing from which the actuation member extends said grip section comprising a first distal part (28) including at least one projecting grip element (29) by which the subject grips the housing in actuating the actuation member and a second proximal part (31) providing a recess (33) in which fingers of the subject are located said recess promoting proper orientation of the delivery device in a hand of the subject.

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

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NASAL DELIVERY DEVICES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M15/08 :61/603093 :24/02/2012 :U.S.A. :PCT/EP2013/053747 :25/02/2013 :WO 2013/124492 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OPTINOSE AS Address of Applicant :Postboks 288 R₃a N 0702 Oslo Norway (72)Name of Inventor : 1)DJUPESLAND Per Gisle 2)GORDON Joseph 3)LECLERC Michael 4)MAHMOUD Ramy A 5)SIWINSKI Shane

(57) Abstract :

A nasal delivery device for delivering substance to a nasal cavity of a subject comprise: a housing (15); a nosepiece (17) for fitting to a nasal cavity of the subject; a mouthpiece (19) through which the subject in use exhales; and a flexible coupling (20) which couples the mouthpiece to the housing wherein the flexible coupling provides for asymmetric translation of the mouthpiece relative to the nosepiece.

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

(21) Application No.7723/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BATTERY ELECTRODE PLATE MANUFACTURING METHOD FOR SAME ELECTRODE PLATE GROUP HAVING SAID ELECTRODE PLATE AND LEAD ACID BATTERY

(51) International classification	:H01M4/20,H01M4/14	(71)Name of Applicant :
(31) Priority Document No	:201210051092.7	1)PANASONIC CORPORATION
(32) Priority Date	:29/02/2012	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:China	5718501 Japan
(86) International Application No	:PCT/JP2013/000323	(72)Name of Inventor :
Filing Date	:23/01/2013	1)TIAN Xiao Shen
(87) International Publication No	:WO 2013/128793	2)WANG Yu
(61) Patent of Addition to Application	:NA	3)SUN Qin Chao
Number	:NA :NA	4)KUREMATSU Michio
Filing Date	.11/1	5)MURATA Yoshihiro
(62) Divisional to Application Number	:NA	6)SASAKI Takehiro
Filing Date	:NA	

(57) Abstract :

Provided are a battery electrode plate, a manufacturing method for the same, an electrode plate group having said electrode plate, and a lead-acid battery. The electrode plate is equipped with a collector and an active material layer supported on the collector. The collector is an expanded grid manufactured by an expansion method. The electrode plate comprises two projection ends, each having a projection, and a planar intermediate portion disposed between the two projection ends. The ends are thicker than the intermediate portion, and if the thickness of the intermediate portion is taken as H2, and the difference between the thickness of the ends and thickness of the intermediate portions, and the projection ends have projections, and the ends of the electrode plate are thicker than the other part of the electrode plate, whereby moderately increasing the pitch between the positive electrode plate and the negative electrode plate results in a significant improvement in the cycle life, capacity and discharge efficiency of a battery.

No. of Pages : 49 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : EXPANDED GRID MANUFACTURING METHOD FOR SAME LEAD ACID BATTERY ELECTRODE PLATE USING SAME AND LEAD ACID BATTERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M4/74 :201210050442.8 :29/02/2012 :China :PCT/JP2013/000321 :23/01/2013 :WO 2013/128792 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)TIAN Xiao Shen 2)PAN Yu Liang 3)KUREMATSU Michio 4)MURATA Yoshihiro 5)SASAKI Takehiro
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(57) Abstract :

Provided are an expanded grid a manufacturing method for the same and a lead acid battery electrode plate and lead acid battery using said expanded grid. The expanded grid is formed by an expansion method and is provided with a mesh made up of a plurality of rhomboid shapes formed by grid ribs. The expanded grid is characterized by wrinkles being formed in some of the grid ribs protruding curved portions being formed thereon and in the projection view of the expanded grid if D1 is taken as the distance which is the length of the edge in the rhomboid mesh measured between two rhomboid grid ribs of the rhomboid and if D2 is taken as the distance measured from the apex of the curve in a grid rib in which a wrinkle is formed to the other grid rib which is parallel to and faces the grid rib in a direction parallel to the remaining two grid ribs of the etge W=(D2-D1)/D1 (where D2>D1) which indicates the degree of the curve in the grid rib being in the range of 0.09-0.19.

No. of Pages : 43 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SEAT MOUNTING STRUCTURE			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N2/30,B60N2/005,B60N2/20 :2012-053232 :09/03/2012 :Japan :PCT/JP2013/056425 :08/03/2013 :WO 2013/133403 :NA :NA :NA	 (71)Name of Applicant : TS TECH CO. LTD. Address of Applicant :7 27 Sakaecho 3 chome Asaka shi Saitama 3510012 Japan HONDA MOTOR CO. LTD. (72)Name of Inventor : I)ITO Teppei KANEKO Kazuyuki 	

(57) Abstract :

Provided is a seat mounting structure which enables stable mounting of a seat frame. A seat mounting structure is provided with right and left support members which support a seat frame of a seat within the floor of a vehicle and a coupling member which is hung between the right and left support members and couples the support members. At least one of the right and left support members is provided with a base part a sidewall part which extends upward from the base part and to which the seat frame and the coupling member are mounted and first and second mounting parts for securing the base part to the floor. A coupling section to which the coupling member is coupled in the sidewall part is disposed within a space created by projecting a region formed by connecting the first and second mounting parts upward.

No. of Pages : 47 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLUORINE RECOVERY DEVICE FLUORINE RECOVERY SYSTEM AND FLUORINE RECOVERY **METHOD**

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/JP2012/005808 :13/09/2012 :WO 2013/136385 :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058001 Japan (72)Name of Inventor : 1)TSUTSUMI Kenji 2)YAMAZAKI Atsushi 3)FUKAYA Taro 4)YAMANASHI Ichiro
6	:NA :NA	

(57) Abstract :

A fluorine recovery device as an embodiment which is equipped with: a precipitation tank in which calcium carbonate is reacted with the fluorine ions contained in water to be treated the calcium carbonate having been introduced in excess relative to the amount of the fluorine ions thereby precipitating calcium fluoride and obtaining primary treated water; and a solid/liquid separator in which the primary treated water containing the calcium fluoride and calcium carbonate is filtered to form on the filter a mixed cake layer in which the calcium fluoride and calcium carbonate have accumulated.

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

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SENSOR DE	VICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01D21/00 :NA :NA :NA :PCT/JP2012/001909 :21/03/2012 :WO 2013/140438 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)JEONG Heewon

(57) Abstract :

In order to provide a suitable sensor device for a sensor system in which a plurality of request sources request the acquisition of information for the same sensor the sensor device is provided with a physical mass sensing unit (1) for measuring an external physical mass an input output unit (4) for receiving physical mass acquisition requests from the external plurality of request sources and a first counter (3) for counting and storing the total number of times the input/output unit receives an acquisition request from the plurality of request sources. The input output unit transmits the physical mass and a value stored by the first counter to the request source of the acquisition request.

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

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF CEMENTING IN A SUBTERRANEAN FORMATION USING CEMENT COMPOSITION COMPRISING LIGNITE BASED GRAFTED COPOLYMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C04B24/16,C04B24/18,C04B24/26 :13/436556 :30/03/2012 :U.S.A. :PCT/US2013/034311 :28/03/2013	 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Blvd. Houston Texas 77072 U.S.A. (72)Name of Inventor : 1)Kellum Matthew G. 2)Brothers Lance E.
(87) International Publication No	:WO 2013/148976	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A method of cementing in a subterranean formation comprising: introducing a cement composition comprising cement, water, and a lignite-based copolymer into a subterranean formation, wherein the lignite-based copolymer comprises a lignite backbone, a first grafted monomer selected from the group consisting of - acrylamido-2-methylpropanesulfonic acid, a salt of 2-acrylamido-2methylpropanesulfonic acid, and a second grafted monomer comprising N,N-dimethylacrylamide; and allowing the ce ment composition to set in the subterranean formation, wherein the cement composition has a transition time of less than or equal to about 150 minutes.

No. of Pages : 21 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LOW CTE ALKALI FREE BOROALUMINOSILICATE GLASS COMPOSITIONS AND GLASS ARTICLES COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C03C3/091,C03C17/02,C03B17/02 :61/604839 :29/02/2012 7:U.S.A. :PCT/US2013/028177 :28/02/2013	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning NY 14831 U.S.A. (72)Name of Inventor : 1)MAURO John Christopher
Filing Date (87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

Low CTE glass compositions and glass articles formed from the same are described. In one embodiment, a glass composition includes from about 60 mol.% to about 66 mol.% S1O2; from about 7 mol.% to about 10 mol.% AI2O3; and from about 14 mol.% to about 18 mol.% B 2O3 as glass network formers. The glass composition may further include from about 9 mol.% to about 16 mol.% alkaline earth oxide. The alkaline earth oxide includes at least CaO. The CaO may be present in the glass composition in a concentration from about 3 mol.% to about 12 mol.%. The glass composition is free from alkali metals. The glass composition has a coefficient of thermal expansion which is less than or equal to 40xlO 7/°C averaged over the temperature range from about 20°C to 300°C. The glass composition is particularly well suited for use as a glass cladding layer in a laminated glass article.

No. of Pages : 27 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND TOOL FOR MEASURING THE GEOMETRIC STRUCTURE OF AN OPTICAL COMPONENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:12290084.8 :09/03/2012 :EPO :PCT/EP2013/054751	 (71)Name of Applicant : 1)ESSILOR INTERNATIONAL (COMPAGNIE G‰N‰RALE DOPTIQUE) Address of Applicant :147 rue de Paris F 94220 Charenton le Pont France
Filing Date	:08/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/132072	1)GUEU Stphane
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)LAVILLONNIERE Nicolas 3)MURADORE Fabien 4)LAKHOUA Asma
(62) Divisional to Application Number Filing Date	:NA :NA	
I ming Dute	.1 1/ 1	

(57) Abstract :

The subject of the present invention is a method and a system for measuring the geometric or optical structure of an optical component. In particular, the invention relates to a method for measuring the geometric structxire of a component bounded by a first side (10) and a second side (20), said method comprising steps of: (SI) measuring a first signal (MSI) resulting from a first conversion of a first probe signal (PS1), by at least said first side (10); (S2) measuring a second signal (MS2) resulting from a second conversion of a second probe signal (PS2), by at least said second side (20); (S3) determining a third conversion making it possible to convert a first set of coordinates (R1) associated with the measurement of the first signal (MSI) to a second set of coordinates (R2) associated with the measurement of the second signal (MS2); (SIO) estimating said first side (10) using the first signal (MSI), said first simulation and a first cost criterion (V1) quantifying a difference between the estimation (ESI) and the first signal (MSI); and (S2O) estimating said second signal second signal (MS2), said second cost criterion (V2) quantifying a difference between the second signal (MS2).

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

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WING ADJUSTING MECHANISM	
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 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	¹ :PCT/EP2013/052911 :13/02/2013	 (71)Name of Applicant : 1)REITER Johannes Address of Applicant :berh¼lling 3 A 4663 Laakirchen Austria (72)Name of Inventor : 1)REITER Johannes
(87) International Publication No	:WO 2013/120918	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ⁿ :NA :NA	

(57) Abstract :

The present invention relates to a device for generating aerodynamic lift and in particular an aircraft (100) for vertical take off and landing. A wing arrangement (110) comprises at least one propulsion unit (111) wherein the propulsion unit (111) comprises a rotating mass which is rotatable around a rotary axis (117). The wing arrangement (110) is mounted to a fuselage (101) such that the wing arrangement (110) is tiltable around a longitudinal wing axis (112) of the wing arrangement (110) and such that the wing arrangement (110) is rotatable with respect to the fuselage (101) around a further rotary axis that differs to the longitudinal wing axis (112). An adjusting mechanism adjusts a tilting angle of the wing arrangement (110) around the longitudinal wing axis (112) under influence of a precession force (Fp) which forces the wing arrangement (110) to tilt around the longitudinal wing axis (112).

No. of Pages : 41 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR MONITORING INDUSTRIAL FLUIDS AND TREATMENT OF SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01N27/62,H01J49/26 :61/640485 :30/04/2012 :U.S.A. :PCT/US2013/038733 :30/04/2013	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.o. Box 4740 Houston TX 77210 U.S.A. (72)Name of Inventor : 1)PINAPPU Sai Reddy
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/165934 :NA :NA :NA :NA	2)HARRELL Bradley G. 3)RECHTIEN Randy G. 4)WEERS Jerry J. 5)SANDU Corina L. 6)BROWN J. Michael

(57) Abstract :

Industrial fluids can be monitored by employing differential ion mobility spectrometer to sample the industrial fluids. This process may also include controlling an industrial device or an industrial process using the results of the output from the field asymmetric ion mobility spectrometer. The process may also include employing a device to condition the sample prior to introducing the sample into field asymmetric ion mobility spectrometer.

No. of Pages : 17 No. of Claims : 20

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRODEPOSITION COATING COMPOSITION AND CATALYST FOR ELECTRODEPOSITION COATING COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C09D201/00,C09D5/44,C09D7/12 :2012-034922 :21/02/2012 :Japan :PCT/JP2013/054134 :20/02/2013 :WO 2013/125562 :NA	 (71)Name of Applicant : 1)NITTO KASEI CO. LTD. Address of Applicant :17 14 Nishiawaji 3 chome Higashiyodogawa ku Osaka shi Osaka 5330031 Japan (72)Name of Inventor : 1)SASAOKA Shinichi 2)HANEDA Hideo 3)ISHIDA Toshikazu
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the present invention is to provide an organic tin free cationic electrodeposition coating composition which does not contain any organic tin compound and can ensure good coating film curability under baking conditions that are equivalent to those employed in the conventional techniques. The present invention provides an electrodeposition coating composition comprising a titanium compound (A) and a base resin (B) wherein the titanium compound (A) is a titanium compound having a specific structure.

No. of Pages : 60 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE FOR CONTROLLING FLOW RATE OF INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D45/00,F02D21/08 :NA :NA :NA :PCT/JP2012/060034 :12/04/2012 :WO 2013/153654 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)YAMASHITA Akira 2)MORI Kazuhiro 3)NAKATANI Koichiro 4)OHKI Hisashi
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(57) Abstract :

This device for controlling the flow rate in an internal combustion engine is provided with a flow rate alteration unit that, as a flow rate alteration unit that can alter at least one of either the flow rate of exhaust gas recycled to an intake system (10) from an exhaust system (20) of the internal combustion engine (50) via an EGR pathway or the flow rate of new air flowing into the internal combustion engine (50), is configured having an EGR valve (43), a bypass valve (45), and a diesel throttle (13). Further provided is an ECU (70) that realizes: an arrival position determination unit that determines the arrival position of condensed water within the EGR path way and moving by means of the EGR during at least one of either times of acceleration or times of deceleration of the internal combustion engine (50); and a control unit that controls the flow rate alteration unit on the basis of the arrival position determination unit.

No. of Pages : 34 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :16/09/2014

:NA

:NA

:NA

:NA

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOLECULAR SEPARATION DEVICE (51) International (71)Name of Applicant : :B01D57/02,B01D61/42,B01D71/02 classification 1)LOCKHEED MARTIN CORPORATION (31) Priority Document No :61/613578 Address of Applicant :6801 Rockledge Drive Bethesda (32) Priority Date Maryland 20817 U.S.A. :21/03/2012 (33) Name of priority country:U.S.A. (72)Name of Inventor: 1)STETSON John B. Jr (86) International :PCT/US2013/033035 Application No 2)SIMON Sarah :20/03/2013 Filing Date (87) International Publication :WO 2013/142539 No

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

(61) Patent of Addition to

Application Number

Filing Date (62) Divisional to

Application Number

(12) PATENT APPLICATION PUBLICATION (21) Application No.7732/DELNP/2014 A (19) INDIA (22) Date of filing of Application :16/09/2014 (43) Publication Date : 15/05/2015 (54) Title of the invention : METHODS FOR PERFORATING GRAPHENE USING AN ACTIVATED GAS STREAM AND PERFORATED GRAPHENE PRODUCED THEREFROM (51) International classification :C01B31/04 (71)Name of Applicant : (31) Priority Document No **1)LOCKHEED MARTIN CORPORATION** :61/613938 (32) Priority Date Address of Applicant :6801 Rockledge Drive Bethesda :21/03/2012 (33) Name of priority country Maryland 20817 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/030344 (72)Name of Inventor : Filing Date :12/03/2013 1)BEDWORTH Peter V. (87) International Publication No :WO 2013/142133 (61) Patent of Addition to Application :NA

Graphene sheets having a plurality of holes in their basal planes are described herein. Methods for making the graphene sheets can involve contacting graphene sheets with an activated gas that has contacted a helium or argon atmospheric pressure plasma. The size and/or number of holes introduced can be altered by changing the contact time the stand off distance the activated gas concentration and/or the plasma power. Polymer composites containing the perforated graphene sheets are also described.

:NA

:NA

:NA

No. of Pages : 16 No. of Claims : 15

(62) Divisional to Application Number

Number

Filing Date

Filing Date

(57) Abstract :

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS FOR MIXING TWO STREAMS OF CATALYST WITH AN INSERT HAVING ALIGNED OPENINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/537478 :29/06/2012 :U.S.A. :PCT/US2013/039829 :07/05/2013 :WO 2014/003891 :NA :NA :NA	 (71)Name of Applicant : 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 : DAVYDOV Lev
Filing Date	:NA	

(57) Abstract :

An apparatus for mixing streams of regenerated and carbonized catalyst utilizes bend provided on only one of the catalyst conduits to provide mixing advantages. A pair of horizontally aligned openings with a band between the pair of openings provided a robust design and superb catalyst mixing performance.

No. of Pages : 26 No. of Claims : 10

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : USE OF SURFACTANTS FOR BLENDS OF BIOMASS DERIVED PYROLYSIS OIL WITH LIPIDS

(51) International classification(31) Priority Document No(32) Priority Date	:C10L1/00 :13/494820 :12/06/2012	 (71)Name of Applicant : 1)UOP LLC Address of Applicant :25 East Algonquin Road P. O. Box
(33) Name of priority country	:U.S.A.	5017 Des Plaines Illinois 60017-5017 U.S.A.
(86) International Application NoFiling Date(87) International Publication No	:PC1/0S2013/040026 :08/05/2013 :WO 2013/188021	(72)Name of Inventor :1)RAY Anjan2)BANERJEE Soumendra M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A lipid based composition including pyrolysis oil derived from biomass a non ionic surfactant and a lipid feedstock is described. The lipid based composition forms a single phase stable mixture. A method of making the lipid based composition is also described. The lipid based composition can be used in processes designed for pure lipid feedstocks without the need for any upgrading of the pyrolysis oil and little if any process modification.

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A MEDICAL DEVICE HAVING A SURFACE COMPRISING ANTIMICROBIAL METAL

(51) International classification	:A61L27/30,A61C13/00,A61C8/00	(71)Name of Applicant : 1)DENTSPLY IH AB
(31) Priority Document No	:12162632.9	Address of Applicant : Aminogatan 1, S-431 21 Mlndal
(32) Priority Date	:30/03/2012	Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/055184 :13/03/2013	1)ARVIDSSON Anna
(87) International Publication No	:WO 2013/143857	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A medical device intended for contact with living tissue comprises a substrate having a surface which surface comprises a layer comprising one or more compound(s) of at least one non toxic post transition metal such as a gallium or bismuth compound. A layer comprising a compound of at least one non toxic post transition metal has been shown to inhibit biofilm formation on the surface of the medical device which may reduce the risk for infection e.g. around a dental implant. A method of producing the medical device comprises: a) providing a substrate having a surface; and applying a compound of at least one non toxic post transition metal onto said surface to form a layer e.g. using a thin film deposition technique.

No. of Pages : 43 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION (21) Application No.7616/DELNP/2014 A (19) INDIA (22) Date of filing of Application :11/09/2014 (43) Publication Date : 15/05/2015 (54) Title of the invention : A MULTI DIRECTIONAL RELAY ARCHITECTURE AND APPARATUS AND METHODS OF OPERATION USEFUL IN CONJUNCTION THEREWITH (51) International classification :H04B7/155 (71)Name of Applicant : 1)ELTA SYSTEMS LTD (31) Priority Document No :218046 (32) Priority Date :12/02/2012 Address of Applicant :100 Yitzchak Hanassi Blvd. P.O.B. 330 (33) Name of priority country 77102 Ashdod Israel :Israel (86) International Application No :PCT/IL2013/050133 (72)Name of Inventor : Filing Date :12/02/2013 1)SCHWARTZ Adi (87) International Publication No :WO 2013/118129 2)SHOSHAN Yaakov (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A cellular communication system serving at least one mobile communication device the system including at least one backhauling link provided between a mobile station functionality; and a base station functionality residing in a level below the mobile station functionality.

No. of Pages : 75 No. of Claims : 89

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2013/055982 :21/03/2013 :WO 2013/143973 :NA :NA	 (71)Name of Applicant : Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : IRWANTO Bartolomeus ECKERT Lothar ROTZINGER Ralf
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(54) Title of the invention : METHOD FOR MANUFACTURING A ROTOR

(57) Abstract :

The method for manufacturing a rotor (1) by welding or brazing a plurality of elements (2) together comprises vertically staking the elements (2) to form a pile (3), partially welding or brazing adjacent elements (2) with the pile (3) in the vertical configuration, bringing the pile (3) to an horizontal configuration, completely welding or brazing adjacent elements (2) with the pile (3) in the horizontal configuration. Then, the method includes defining at least a parameter indicative of at least the stress and/or deformation of the pile (3), providing a desired parameter value or range during welding or brazing of selected adjacent elements with the pile (3) in the vertical and/or horizontal configuration, and supporting the pile (3) to maintain the parameter at the desired parameter value or within the desired parameter range,

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

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DIRECT CONTACT CONDENSER		
 (54) Title of the invention : DIRE (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F28B3/04,F28B9/04,F28F25/04 :12160195.9 :19/03/2012 :EPO p:PCT/EP2013/055614 :19/03/2013	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)WOLF Hartwig 2)BLANGETTI Francisco
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)RUSCHE Peter

(57) Abstract :

An apparatus for condensing steam is described including at least two chambers with a first chamber operated as co-current flow condensing chamber and a second chamber operated as counter-current flow condensing chamber with the co-current flow condensing chamber including a cooling liquid distribution system with a plurality of channels arranged above a plurality of film carriers having flat surface areas to carry films of cooling liquid.

No. of Pages : 21 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMAGING UNIT IMAGING DEVICE AND CONTROL PROGRAM

(51) International classification:H04N5/355,H01L27/146,H04N5/(31) Priority Document No (31) Priority Date:2012-038756(32) Priority Date:24/02/2012(33) Name of priority country:Japan(86) International Application No Filing Date:PCT/JP2013/001055(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/125249(82) Divisional to Application Number Filing Date:NA :NA :NA(82) Divisional to Application Number Filing Date:NA :NA	 (71)Name of Applicant : 1)NIKON CORPORATION Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan (72)Name of Inventor : 1)FUNAMIZU Wataru
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(57) Abstract :

There is a demand to widen the dynamic range of imaging units. Therefore provided is an imaging unit equipped with a pixel unit that outputs the reset potential after a reset and a pixel signal corresponding to the signal potential after charge accumulation an amplifier unit that amplifies the pixel signal at a first amplification or a second amplification that differs from the first amplification and a control unit that amplifies the pixel signal corresponding to the change from the signal potential to the reset potential at the second amplification after the pixel signal corresponding to the change from the reset potential to the signal potential was amplified by the first amplification in the amplifier unit.

No. of Pages : 30 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR CONTROLLING THE OPERATION OF A POSITIONING SYSTEM OF A TRAIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12 52487 :20/03/2012 :France	 (71)Name of Applicant : 1)ALSTOM TRANSPORT SA Address of Applicant :3 avenue Andr Malraux F 92300 Levallois Perret France (72)Name of Inventor : 1)ORION Jacques
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(57) Abstract :

The invention concerns a method for controlling the operation of a positioning System (10) of a train, the System (10) comprising: - a toothed tone wheel (12), - three sensors (18, 20, 22) for detecting the presence of a tooth arranged spatially such that six possible and different positions of the wheel (12) can be represented by six possible logic states of the three sensors (18, 20, 22), the six states being different, the method comprising a step of: - detecting states corresponding to the signals delivered by the three sensors (18, 20, 22), - comparing the detected states with the values of the six logic states, - determining the state of operation of the System (10) on the basis of the comparison.

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

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TRANSGENIC ANIMALS WITH CUSTOMIZABLE TRAITS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A01K67/027,C12N5/10,C12N15/12 :61/598987 :15/02/2012 :U.S.A. :PCT/US2013/026396 :15/02/2013	 (71)Name of Applicant : 1)MICE WITH HORNS LLC Address of Applicant :4794 N. Classical Blvd. Delray Beach FL 33445 U.S.A. (72)Name of Inventor : 1)WEST James
(87) International Publication	ⁿ :WO 2013/123365	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are materials and methods for creating customizable traits in animals. In the demonstration of the principle of the subject invention a keratin 14 specific promoter is used with red fluorescent protein in the loxp cassette dominant black (AG23) beta defensin 103 in the pigment cassette and an SV40 (with intron) polyadenylation sequence. When Cre recombinase (or HTNCre) is applied to the animal s skin in a carrier base (e.g. lipid bilayers) fur is permanently genetically modified to turn black in the shape in which it was applied.

No. of Pages : 77 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CATALYST FOR SYNTHESIZING ETHYLENE AMINE AND METHOD FOR PREPARING ETHYLENE AMINE

(51) International classification	:B01J23/889,B01J23/755,B01J23/75	(71)Name of Applicant : 1)DALIAN INSTITUTE OF CHEMICAL PHYSICS
(31) Priority Document No	:201210108743.1	CHINESE ACADEMY OF SCIENCES
(32) Priority Date	:13/04/2012	Address of Applicant :No.457 Zhongshan Road Dalian
(33) Name of priority country	y:China	Liaoning 116023 China
(86) International Application No Filing Date	:PCT/CN2012/075989 :24/05/2012	(72)Name of Inventor :1)YAN Li2)DING Yunjie
(87) International Publication	¹ :WO 2013/152548	3)LV Yuan 4)CHENG Xianbo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MA Lixin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a catalyst for synthesizing ethylene amine and a method for preparing ethylene amine. The catalyst is formed of a main active component, an auxiliary agent, and a carrier processed by ammonification. The main active component is Ni or Co, the auxiliary agent comprises one or more of Fe, Cu, Ru, Re, K, Zn, B and other metal or oxides thereof, and the ammonified carrier is ammonified S1O2 or AI2O3. In the total weight of the catalyst, the main active component accounts for 1-40%, and the auxiliary agent accounts for 0.1-20%. The catalyst of the present invention is characterized in that the used carrier needs to be ammonified specially. The ethylene amine product synthesized in a hydrogen condition by using the catalyst of the present invention to carry out an ethanolamine ammonification reaction presents high activity, high selectivity and stability.

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

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITIONS OF MICROBIOTA AND METHODS RELATED THERETO

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/US2013/028271 :28/02/2013	 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 2803 U.S.A. 2)THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL (72)Name of Inventor : 1)KAPLAN Lee M. 2)LIOU Alice P. 3)TURNBAUGH Peter J. 4)HARRIS Jason L.
Filing Date (62) Divisional to Application Number Filing Date		

(57) Abstract :

Methods and compositions are provided for treating weight related conditions and metabolic disorders by altering microbiota in a subject. One aspect provides methods and compositions to alter microbiota in a subject by administering to the subject a composition that includes a substantially purified microbiota from phyla such as Bacteroidetes, Proteobacteria, Firmicutes and Verrucomicrobia or orders such as Bacteroidales, Verrucomicrobiales, Clostridiales and Enterobacteriales or genera such as Alistipes, Clostridium, Escherichia, and Akkermansia. Another aspect includes a pharmaceutical composition for altering microbiota that includes a therapeutically effective amount of substantially purified microbiota and a pharmaceutically acceptable carrier. Yet another aspect includes methods for treating a disorder, such as obesity, in a subject in need of such treatment by substantially increasing or decreasing a relative abundance of microbiota in a gastrointestinal tract of the subject without or in addition to a surgical procedure. Also provided are methods of altering microbiota mimics a microbiota found in a subject responsive to a gastric bypass or other gastrointestinal bariatric or metabolic procedure. Methods and compositions of altering a relative abundance of microbiota to alter metabolic function and of altering a relative abundance of short chain fatty acids to alter metabolic function are also provided.

No. of Pages : 90 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GLASS MANUFACTURING APPARATUS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C03B17/06,C03B18/04,C03B18/06 :61/604783 :29/02/2012 :U.S.A. :PCT/US2013/028125 :28/02/2013	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor : 1)KUDVA Gautam Narendra
(87) International Publication No	:WO 2013/130686	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A glass manufacturing apparatus includes a control device configured to modify a predetermined diameter of at least one of a first downstream pair of draw rolls in a first downstream equation based on a monitored actual velocity of a first edge portion of a glass ribbon such that a predetermined ribbon velocity of the first edge portion of the glass ribbon in the first downstream equation changes to substantially match the monitored actual velocity without substantially changing a first downstream angular velocity of the at least one of the first downstream pair of draw rolls. In further examples methods of manufacturing a glass ribbon include the step modifying the predetermined diameter of at least one of a first downstream pair of draw rolls in the first downstream equation based on the monitored actual velocity of the first edge portion of the glass ribbon.

No. of Pages : 57 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :16/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MATERIALS COMPONENTS AND METHODS FOR USE WITH EXTREME ULTRAVIOLET RADIATION IN LITHOGRAPHY AND OTHER APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G03B27/72,G03F1/00 :61/588601 :19/01/2012 :U.S.A. :PCT/US2013/022297 :18/01/2013 :WO 2013/109986 :NA :NA :NA	 (71)Name of Applicant : 1)JAISWAL Supriya Address of Applicant :12235 Caminito Mira Del Mar San Diego CA 92130 U.S.A. (72)Name of Inventor : 1)JAISWAL Supriya
(62) Divisional to Application Number Filing Date	:NA :NA	
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(57) Abstract :

Nanostructured photonic materials and associated components for use in devices and systems operating at ultraviolet (UV) extreme ultraviolet (EUV) and/or soft Xray wavelengths are described. Such a material may be fabricated with nanoscale features tailored for a selected wavelength range such as at particular UV EUV or soft Xray wavelengths or wavelength ranges. Such a material may be used to make components such as mirrors lenses or other optics panels lightsources masks photoresists or other components for use in applications such as lithography wafer patterning biomedical applications or other applications.

No. of Pages : 33 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM FOR REMOVING EXHAUST GAS SAMPLES FROM INTERNAL COMBUSTION ENGINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	5	 (71)Name of Applicant : 1)AVL EMISSION TEST SYSTEMS GMBH Address of Applicant :Graf Landsberg Strae 1c, 41460 Neuss Germany (72)Name of Inventor : 1)DICKOW Achim 2)BALLIK Rainer 3)WILLICH Sascha
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(57) Abstract :

Systems for removing exhaust gas samples from internal combustion engines are know said systems comprising: an exhaust gas duct (12) having fluid communication with an exhaust gas source (14) via an exhaust gas inlet (10); an air duct (20) into which ambient air can be suctioned via an air filter (28); a fusion zone (36) arranged downstream of an outflow cross section (18) of the exhaust gas duct (12); and a dilution tunnel (38) through which the exhaust gas/air mixture flows wherein the outflow cross section (18) of the exhaust gas duct (12) is arranged substantially concentric in the air duct (20) and an annular orifice (34) is arranged downstream of the outflow cross section (18) of the exhaust gas duct (12) in the dilution tunnel (38). However the two gas flows are often inadequately mixed. In order to ensure good mixing and representative sampling the invention therefore proposes that means (32, 44, 50) are arranged upstream of the orifice (34) and downstream of the outflow cross section (18) of the exhaust gas flow is deflected in such a manner that the exhaust gas flow is removed directly upstream of the means (32, 44, 50) and asymmetrically from the centre axis of the dilution tunnel (38).

No. of Pages : 17 No. of Claims : 16

(21) Application No.7673/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INKJET RECEIVING MEDIUM AND PRE TREATMENT COMPOSITION FOR INKJET PRINTING

(31) Priority Document No:13(32) Priority Date:02(33) Name of priority country:U(86) International Application No:PCFiling Date:29	3/462067 2/05/2012 J.S.A. PCT/US2013/038606 99/04/2013 WO 2013/165882 NA NA	 (71)Name of Applicant : 1)EASTMAN KODAK COMPANY Address of Applicant :343 State Street Rochester NY 14650 2201 U.S.A. (72)Name of Inventor : 1)DANNHAUSER Thomas Joseph 2)XIANG Yang 3)BOTROS Raouf
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(57) Abstract :

A coating composition for pre-treating a substrate prior to inkjet printing thereon and an inkjet receiving medium comprising a substrate and having a topmost layer coated thereon where the coating composition has a solids content which comprises at least 30 wt% of one or more aqueous soluble salts of multivalent metal cations and particles comprised primarily of polymer having a Rockwell Hardness of less than R90 and having a mode equivalent spherical diameter of at least about 2 micrometers. When coated the composition provides at least 0.01 g/m2 of particles comprised primarily of polymer having a Rockwell Hardness of less than R90 and which have an equivalent spherical diameter of i) at least about 2 micrometers and ii) at least 0.1 micrometer greater than the minimum coated thickness of the topmost layer.

No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS OF PREPARING SOLIFENACIN OR SALT THEREOF AND NOVEL INTERMEDIATE USED IN THE PROCESS

(51) International classification:C07D453/02,C07D401/12,A61K31/439(31) Priority Document No:10-2012-0031492(32) Priority Date:28/03/2012(33) Name of priority country:Republic of Korea(86) International Filing Date:PCT/KR2013/002358(87) International Filing Date:WO 2013/147458(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(57) Ab dec (:NA	 (71)Name of Applicant : 1)KYUNG DONG PHARM. CO. LTD. Address of Applicant :224-3 Jeyakdanji-ro, Yanggam-myeon, Hwaseong-si, Gyeonggi-do 445-931 Republic of Korea (72)Name of Inventor : 1)LEE Byoung Suk 2)SHIN, Sang Hoon 3)LEE, Ki Young
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(57) Abstract :

Disclosed herein is a method of preparing solifenacin or a salt thereof, including the steps of: (a) reacting (R)-quinuclidinol with bis(pentafluorophenyl)carbonate in an organic solvent to prepare a solifenacin intermediate,(3R)-l-azabicyclo[2,2,2]oct- 3-yl pentafluorophenylcarbonate, and (b) reacting the solifenacin intermediate with (IS)-l-phenyl-l,2,3,4-tetrahydroisoquinoline in an organic solvent to prepare solifenacin. The method is advantageous in that high-purity solifenacin or a salt thereof can be simply and efficiently prepared with high yield using a novel intermediate.

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

(21) Application No.5798/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLASTIC CONTAINER FOR A DEODORANT ROLLER			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A45D34/04,A45D40/26 :00053/12 :11/01/2012 :Switzerland :PCT/EP2012/004985 :03/12/2012 :WO 2013/104385 :NA :NA :NA	<pre>(71)Name of Applicant : 1)ALPLA WERKE ALWIN LEHNER GMBH & CO. KG Address of Applicant :Allmendstrasse 81 A 6971 Hard Austria (72)Name of Inventor : 1)KNZ Johann</pre>	
Filing Date	:NA		

(57) Abstract :

The invention relates to a plastic container (1) for a deodorant roller which has a receptacle (2) and a roll cage (3) for the

captive rotatable mounting of a roll on ball. The roll cage (3) and the receptacle (2) are designed as one piece. The plastic container (1) is produced in an extrusion blow molding process from a preferably continuously extruded tube.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HERBICIDE EMULSIFIABLE CONCENTRATES WITH BUILT IN ADJUVANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date 	:21/06/2012 :WO 2012/177832 :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor : 1)DAVE Hiteshkumar 2)LIU Lei 3)BOUCHER Raymond E. 4)OUSE David G. 5)MANN Richard K. 6)GIFFORD James M.
Filing Date	:NA	

(57) Abstract :

Provided herein are herbicide emulsifiable concentrates containing a non petroleum derived built in adjuvant.

No. of Pages : 18 No. of Claims : 20

(22) Date of filing of Application :13/09/2014

(21) Application No.7653/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : TURBINE PISTON

classification :F16H41/24,F16F15/12,F16H45/02 (31) Priority Document No :61/605733 (32) Priority Date :01/03/2012	 (71)Name of Applicant : 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant :Industriestrasse 1 3 91074 Herzogenaurach Germany (72)Name of Inventor : 1)LINDEMANN Patrick 2)STEINBERGER Markus
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(57) Abstract :

A torque converter includes an impeller with a plurality of impeller blades and a shell with a radial wall disposed radially outside of the blades. The converter also includes a cover fixed to the impeller shell to form a housing and a turbine. The turbine includes a plurality of turbine blades and a shell with a radial wall disposed radially outside of the turbine blades. The turbine radial wall is arranged to frictionally engage the impeller shell radial wall. In some example embodiments the turbine shell includes indented slots and the turbine blades include tabs disposed in the slots. In an example embodiment the turbine blades are fixed to the turbine shell by brazing.

No. of Pages : 17 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PREPARING 3-O-BENZYL- 1,2-O-ISOPROPYLIDENE -A-L-FURAN IDOSE

(51) International classification	:C07H15/18,C07H15/26,C07H15/00	I)ZHEJIANG HISUN PHARMACEUTICAL CO. LTD.
	:201210050766.1	Address of Applicant :No.46 Waisha Road Jiaojiang District
(32) Priority Date	:23/02/2012	Taizhou Zhejiang 318000 China
(33) Name of priority countr	y:China	(72)Name of Inventor :
(86) International	:PCT/CN2013/071786	1)GUO Yanghui
Application No	:22/02/2013	2)WEI Hegeng
Filing Date		3)ZHOU Junhui
(87) International Publication	n = WO 2012/122806	4)WU Yingqiu
No	.w0 2015/123890	5)ZHANG Yue
(61) Patent of Addition to	:NA	6)BAI Hua
Application Number		7)HE Liang
Filing Date	:NA	8)DING Yili
(62) Divisional to	NT A	
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method for preparing 3-O-benzyl- 1,2-O-isopropylidene-a-L-furan idose, which comprises: (1) protecting hydroxyl of 3-O-benzyl- 1,2-O-isopropylidene-a-D-glucofuranose (III) by benzoyl and methylsulfonyl t o obtain 6-O-benzoyl-3- O-benzyl-1,2-O-isopropylidene-5-O-methylsulfonyl-a-D-glucofuranose (V); (2) subjecting the compound (V) to a cyclization reaction under an alkaline condition to obtain 5,6-epoxy-3-O-benzyl-1,2-O-isopropylidene-a-L-furan idose (VI); and (3) subjecting the compound (VI) t o a ring-opening reaction t o obtain 3-O-benzyl- 1,2-O-isopropylidene-a-L-furan idose.

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

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(31) Priority Document No:2(32) Priority Date:2(33) Name of priority country:J(86) International Application:FNo:Z(87) International Publication:No(61) Patent of Addition to:NApplication Number:NFiling Date:N(62) Divisional to Application:NNumber:N	C21C5/28,C21C5/52,F27D15/00 2012-144473 27/06/2012 Japan PCT/JP2013/067665 27/06/2013 WO 2014/003123 NA NA NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : HARADA Toshiya ARAI Takashi 3)HIRATA Hiroshi
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(54) Title of the invention : STEEL SLAG REDUCTION METHOD

(57) Abstract :

This steel slag reduction method is provided with: a hot steel slag inflow step in which hot steel slag from a slag supply container is forced to continuously or intermittently flow toward a molten slag layer on molten iron contained inside an electric furnace while adjusting the inflow amount via the slag supply container; a reducing material supply step in which a reducing material is supplied to the molten slag layer; an electric heating step in which electricity is passed through the molten iron and the molten slag layer; and a reduction step in which reduction of the hot steel slag continues in a non oxidizing environment while molten slag from the slag layer and/or the molten iron is intermittently discharged.

No. of Pages : 40 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BECTON DICKINSON AND COMPANY
(32) Priority Date	:NA	Address of Applicant :Mark Schildkraut MC089 1 Bector
(33) Name of priority country	:NA	Drive Franklin Lakes New Jersey 07417 U.S.A.
(86) International Application No	:PCT/US2012/029306	(72)Name of Inventor :
Filing Date	:15/03/2012	1)QUINN Michael
(87) International Publication No	:WO 2013/137893	2)CRONENBERG Richard
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MULTIPLE USE DISPOSABLE INJECTION PEN

(57) Abstract :

A medication injection pen (11) includes a housing (1) and a dose set knob (2) rotatable with respect to the housing (1). A brake assembly (68) is disposed in the housing (1) and has a ratchet member (43). A driver (21) includes at least one external tooth (57) engaging the ratchet member (43). The engagement between the ratchet member (43) and the at least one external tooth (57) substantially prevents the driver (21) from rotating with respect to the dose set knob (2) during dose setting and dose correcting. The engagement between the ratchet member (43) and the at least one external tooth (57) substantially prevents the driver (21) from rotating with respect to the dose set knob (2) during dose setting and dose correcting. The engagement between the ratchet member (43) and the at least one external tooth (57) allows the driver (21) to rotate with the dose set knob (2) during an injection.

No. of Pages : 49 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTROLLING OPERATION OF A REDUCED PRESSURE THERAPY SYSTEM BASED ON DYNAMIC DUTY CYCLE THRESHOLD DETERMINATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/613456 :20/03/2012 :U.S.A. :PCT/IB2013/000866 :13/03/2013 :WO 2013/140255 :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW PLC Address of Applicant :15 Adam Street London WC2N 6LA U.K. (72)Name of Inventor : 1)ASKEM Ben Alan
Filing Date	:NA	

(57) Abstract :

Negative pressure wound therapy apparatuses and dressings and systems and methods for operating such apparatuses for use with dressings are disclosed. In some embodiments controlling the delivery of therapy can be based on monitoring and detecting various operating conditions. An apparatus can have a controller configured to monitor a duty cycle of a source of negative pressure. Based on the monitored duty cycle the controller can determine whether a leak is present and provide an indication to a user. The controller can determine a duty cycle threshold in order to achieve an optimal or near optimal balance between an uninterrupted delivery of therapy avoidance inconveniencing a user conserving power achieving optimal or near optimal efficiency and/or limiting vibrational noise. In some embodiments the duty cycle threshold is determined based at least in part on a capacity of a power source and an operational time of the apparatus.

No. of Pages : 54 No. of Claims : 44

(22) Date of filing of Application :15/09/2014

(54) Title of the invention : SHOT PEENING METHOD

(43) Publication Date : 15/05/2015

		1
(51) International classification	:B24C1/10,B22D17/22	(71)Name of Applicant :
(31) Priority Document No	:2012-118529	1)SINTOKOGIO LTD.
(32) Priority Date	:24/05/2012	Address of Applicant :11 11 Nishiki 1 chome Naka ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4600003 Japan
(86) International Application No	:PCT/JP2012/080195	(72)Name of Inventor :
Filing Date	:21/11/2012	1)KOBAYASHI Yuji
(87) International Publication No	:WO 2013/175660	2)MATSUI Akinori
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

First in a determination process the presence or absence of a nitride layer on the surface of a cooling water hole (42) of a die (40) is determined by a determination unit (48) using an eddy current sensor (46). Next in a shot process when the result determined in the determination process is an absence of a nitride layer shot peening is performed on the surface of the cooling water hole (42) of the die (40) under shot conditions that are established according to the base metal of the die (40). When the result determined in the determination process is the presence of a nitride layer shot peening is performed on the surface of the cooling water hole (42) of the die (40) under shot conditions that maintain the presence of the nitride layer.

No. of Pages : 34 No. of Claims : 10

(22) Date of filing of Application :15/09/2014

(21) Application No.7676/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOISTURE	MONITORING SYSTEM	1
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01H33/56 :61/600997 :20/02/2012 :U.S.A.	 (71)Name of Applicant : (71)FRANKLIN FUELING SYSTEMS INC. Address of Applicant :3760 Marsh Road Madison WI 53718 U.S.A. (72)Name of Inventor : 1)EASTMAN John 2)SHAVER Steven Carl

(57) Abstract :

A monitoring system (150) for an enclosure (102) having an arc quenching gas includes at least one fluid characteristic sensor (152) in fluid communication with an interior (120) the enclosure and an electronic controller (190) operatively coupled to the at least one fluid characteristic sensor. The electronic controller forecasts a maintenance event based on values received from the at least one fluid characteristic sensor.

No. of Pages : 38 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RAIL VEHICLE BODY STRUCTURE		
 (54) Title of the invention : RAIL VEHIC (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		 (71)Name of Applicant : (71)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)NAKAMURA Hideyuki 2)YAMAMOTO Hisatoshi
Filing Date	:NA	

(57) Abstract :

In order to obtain a rail vehicle body structure such that a decrease in weight and productivity can be both achieved without an increase in life cycle energy an underframe (10) is formed by joining hollow extrusions (50) and a side body structure (20) is formed by a hybrid structure of a double skin extrusion (50) and a single skin extrusion (60) joined together. Further a door opening portion (21) and a window opening portion (22) or an interior member of the side body structure (20) are formed such that an upper side (23, 25) and a lower side (24, 26) of the door opening portion (21) and the window opening portion (22) or the attached position of the attached portion are disposed at the position of the hollow extrusion (50).

No. of Pages : 28 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRODUCTION PROJECT PROPOSAL DETERMINATION METHOD PRODUCTION PROJECT PROPOSAL DEVICE AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:23/03/2012 :WO 2013/140613 :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)KOMURA Takaaki 2)IGARASHI Ken 3)NAKAMIZO Katsuaki 4)SHIDA Daisuke
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is a production project proposal method in which with a computer provided with a processor and a storage device: production plan information is stored in a production plan information storage unit of the storage device; an order is received for a product; and a production procedure is generated for the product. Said production plan information is for: at least one part that configures the product; and at least one second component that configures a first component. The computer receives as received order information the order containing production information for the product said production information being contained in a received order condition. The production plan information for the product of the received order information is retrieved from the production plan information storage unit and to said production plan information said computer applies the production plan information for each procedure for the part comprising the product. The production information is carried over to the applied production plan information for each procedure. The production plan information that satisfies the production information contained in the received order condition of the received order information is applied for each procedure. The production information for the first procedure for the product is sequentially carried over for each procedure that was applied.

No. of Pages : 62 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :13/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CLUTCH ASSEMBLY WITH A TAB RIVET CONNECTION AND METHOD THEREOF

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:F16D13/58,F16D13/28,F16D23/12 :61/616137 :27/03/2012	 (71)Name of Applicant : 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant :Industriestrasse 1 3 91074 Herzogenaurach Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2013/032776 :18/03/2013 :WO 2013/148392 :NA :NA	1)LUIPOLD Chris
Number Filing Date	:NA	

(57) Abstract :

A clutch assembly including: a hub including a first radially disposed portion with a plurality of circumferentially aligned slots passing though the first radially disposed portion; and a ring gear carrier including a plurality of protrusions disposed in the plurality of circumferentially aligned slots and in compressive engagement with the hub to fixedly connect the hub to the carrier. Each slot in the plurality of circumferentially aligned slots extends further in a circumferential direction than in a radial direction. Each protrusion in the plurality of protrusions extends further in the circumferential direction than in the radial direction.

No. of Pages : 27 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND TERMINAL DEVICE FOR ALLOCATING RESOURCES IN A PLURALITY OF SUBFRAMES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (38) International Pu	H04W72/04 1208906.6 21/05/2012 U.K. PCT/GB2013/051277 17/05/2013 WO 2013/175182 NA NA NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan, Minato-ku, Tokyo 108-0075 Japan 2)SONY EUROPE LIMITED (72)Name of Inventor : 1)MORIOKA Yuichi
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(57) Abstract :

A method of operating a telecommunications system comprising a base station and a plurality of terminal devices arranged to communicate over a radio interface supporting a downlink shared channel for conveying user plane data from the base station to the terminal devices and a downlink control channel for conveying control plane data from the base station to the terminal devices wherein the control plane data is arranged to convey information on physical resource allocations for the downlink shared channel for respective ones of the terminal devices and wherein the radio interface is based on a radio frame structure comprising a plurality of subframes wherein each subframe comprises a control region for supporting the downlink control channel and wherein the method comprises using the control region of a first radio subframe to convey an indication of a physical resource allocation for a first terminal device on the shared downlink channel in the user plane region of a second radio subframe the second radio frame being subsequent to the first radio subframe.

No. of Pages : 43 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61F2/00	(71)Name of Applicant :
(31) Priority Document No	:13/443347	1)ETHICON INC.
(32) Priority Date	:10/04/2012	Address of Applicant :P.O. Box 151 U.S. Route 22 Somerville
(33) Name of priority country	:U.S.A.	New Jersey 08876 U.S.A.
(86) International Application No	:PCT/US2013/035961	(72)Name of Inventor :
Filing Date	:10/04/2013	1)CARDINALE Michael
(87) International Publication No	:WO 2013/155174	2)TANNHAUSER Robert J.
(61) Patent of Addition to Application	:NA	3)CHOMIAK Harry Martin
Number	:NA :NA	4)MCROY Lynn
Filing Date	.INA	5)SKULA Emil Richard
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SINGLE PLANE TISSUE REPAIR PATCH

(57) Abstract :

A novel single plane tissue repair patch is disclosed. The patch (10) has a base member with an opening therethrough and a closure member (30) associated with the opening. The mesh may be used in open surgical procedures for hernia repairs and other repairs of body wall defects.

No. of Pages : 57 No. of Claims : 34

(21) Application No.7772/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DRUG DELIVERY DEVICE FOR DRUG SUSPENSIONS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61M5/24,A61M5/28,A61M5/34 :13/422315 :16/03/2012 :U.S.A. :PCT/US2013/032829 :18/03/2013 :WO 2013/138809 :NA :NA	 (71)Name of Applicant : 1)BECTON DICKINSON AND COMPANY Address of Applicant :One Becton Drive Franklin Lakes NJ (7417 U.S.A. (72)Name of Inventor : 1)GROSKOPF Roger W. 2)VEDRINE Lionel 3)RATIGAN Michael C.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In one aspect of the subject invention a drug delivery device is provided which includes a reservoir for containing a medicament and has a proximal end and a distal end the medicament including a suspension of solids in a liquid carrier. Further the drug delivery device includes a needle in fluid communication with the reservoir and having a distal end for injection into a patient and a proximal end in the reservoir. An accumulation surface is defined at least partially about the needle distally of the proximal end of the needle. The accumulation surface defines a distally extending indentation which is sized and shaped to collect during use solids that come out of suspension. Advantageously with the subject invention the accumulation surface allows for solids to accumulate at a location spaced from the proximal end of the needle thereby minimizing the possibility of clogging the needle.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :11/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G06F17/30,G06F12/00	(71)Name of Applicant :
(31) Priority Document No	:2012005562	1)NEC CORPORATION
(32) Priority Date	:13/01/2012	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2013/000067	(72)Name of Inventor :
Filing Date	:10/01/2013	1)NISHIMURA Shoji
(87) International Publication No	:WO 2013/105505	
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INDEX SCANNING APPARATUS AND INDEX SCANNING METHOD

(57) Abstract :

An index scanning apparatus obtains information about searching space within multidimensional space that corresponds to the searching range of a query or information about partial searching space within the searching space and sets as a searching point a data point among data points included within the searching space or the partial searching space to be obtained as result of making data points within the multidimensional space into one dimensional data and the value of which will be a maximum value and/or a minimum value. The index scanning apparatus also specifies in an index storage unit index data for partial space that includes the searching point estimates a border line that passes through the searching space or the partial searching space on the basis of specified information about the partial space obtained from the specified index data and determines from among divided searching space obtained as a result of dividing the searching space or the partial searching space with the estimated border line divided searching space that includes the searching space that is not the partial space that includes the searching point as the partial searching space.

No. of Pages : 62 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : HOT- ROLLED STEEL SHEET AND METHOD FOR PRODUCING THE SAME

(51) I. (000000000000000000000000000000000000000	
(51) International classification	n:C22C38/00,C21D9/46,C22C38/06	
(31) Priority Document No	:2011047720	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:04/03/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application	:PCT/JP2012/055586	Tokyo 1008071 Japan
No	:05/03/2012	(72)Name of Inventor :
Filing Date	.05/05/2012	1)OKAMOTO Riki
(87) International Publication	:WO 2012/121219	2)FUJITA Nobuhiro
No	. WO 2012/121219	3)TAKAHASHI Manabu
(61) Patent of Addition to	:NA	4)HAYASHI Kunio
Application Number		5)KISHIMOTO Tetsuo
Filing Date	:NA	6)NAKANO Kazuaki
(62) Divisional to Application	:NA	7)YAMAMOTO Takeshi
Number		
Filing Date	:NA	

(57) Abstract :

In a hot-rolled sheet, an average value of pole densities of an orientation group $\{100\}<011>$ to $\{223\}<110>$, which is represented by an arithmetic mean of pole densities of orientations $\{100\}<011>$, $\{116\}<110>$, $\{114\}<110>$, $\{112\}<110>$, and $\{223\}<110>$ in a thickness center portion of a thickness range of 5/8 to 3/8 from a surface of the steel sheet, is 1.0 to 6.5 and a pole density of a crystal orientation . $\{332\}<113>$ is 1.0 to 5.0; and a Lankford value rC in a direction perpendicular to a rolling direction is 0.70 to 1.10 and a Lankford value r30 in a direction that forms 30° with respect to the rolling direction is 0.70 to 1.10.

No. of Pages : 75 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/09/2014

(54) Title of the invention : EDITING OF A VOLUME OF DATA

(43) Publication Date : 15/05/2015

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:10 2012 208 999.3	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:29/05/2012	Address of Applicant :Wittelsbacherplatz 2 80333 M ¹ /4ncher
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/056203	(72)Name of Inventor :
Filing Date	:25/03/2013	1)LAST Holger
(87) International Publication No	:WO 2013/178376	2)ST-RMANN Christof
(61) Patent of Addition to Application	:NA	3)WEBER Stefan Hagen
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is proposed that at least one hit in a large volume of data is found using a graphical search pattern wherein the graphical search pattern is created afresh or modified by a user preferably using a graphical interface. In this case it is advantageous that the user is intuitively able to implement complex searches and is able to use a graphical representation of properties and/or correlations for the search in a directed manner. The invention can be used in data mining in the monitoring of states or in automated alerting for example.

No. of Pages : 28 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PRODUCING WELDED JOINT AND WELDED JOINT

(51) International classification (31) Priority Document No	:B23K9/173,B23K9/23,B23K35/30 :2012-082023	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(32) Priority Date	:30/03/2012	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008071 Japan
(86) International Application No Filing Date	:PCT/JP2013/058954 :27/03/2013	(72)Name of Inventor :1)YAMADA Kenta2)HAMADA Masahiko
(87) International Publication No	:WO 2013/146860	3)MOTOYA Daisuke 4)NAKATSUKA Shinjiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)AMAYA Hisashi 6)TAKABE Hideki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a process for producing a welded joint which includes a weld metal having high strength and high toughness, and containing fewer blowholes. The process for producing a welded joint according to the present embodiment includes the steps of: preparing a base material containing, by mass%, not less than 10.5% of Cr; and subjecting the base material to GMA welding using a shielding gas containing 1 to 2 volume% or 35 to 50 volume% of C02 gas, and the balance being inert gas, thereby forming a weld metal includes, by mass%, C: not more than 0.0SO%, Si: 0.20 to 1.00%, Mn: not more than 8.008, P: not more than 0.040%, S: not more than 0.0100%, Cu: not more than 2.08, Cr: 20.0 to 30.0%, Ni: 7.00 to 12.00%, N: 0.100 to 0.350%, 0: 0.02 to 0.11%, sol. Al: not more than 0.040%, at least one of Mo: 1.00 to 4.00% and W: 1.00 to 4.00%, and the balance being Fe and impurities.

No. of Pages : 52 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GENERATION OF POWER FROM RIVERS AND THE LIKE

(51) International classification(31) Priority Document No(32) Priority Date	:F03B9/00,F03B1/02,F03B13/08 :61/599978 :17/02/2012	1)JONES Peter A. Address of Applicant :P.O. Box 6953 Saint John New
		Brunswick E2L 4S4 Canada
(86) International Application N	o:PCT/CA2013/050119	(72)Name of Inventor :
Filing Date	:15/02/2013	1)JONES Peter A.
(87) International Publication No.	D:WO 2013/120205	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Exemplary embodiments of the invention provide an apparatus and method for generating power from a renewable source of environmental water. The apparatus includes an upstanding structure adapted for support on ground adjacent to the renewable source of water having an elevated region relative to the ground. A conduit for water extends between the elevated region of the water supply and a water inlet. A gravity operated energy converter supported by the structure is provided that causes water to descend vertically between the inlet and an outlet adjacent the ground while utilizing the weight of the water thus descending to drive at least one movable element and thereby produce power. Additional energy may be provided from buoyancy by causing empty and inverted water containers to ascend through a column of water fed by the renewable source of water.

No. of Pages : 32 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :11/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PURIFYING ACETONITRILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:C07C253/34,B01D3/42,C07C255/03 :2012-070086 :26/03/2012 :Japan :PCT/JP2013/058368 :22/03/2013 :WO 2013/146609 :NA :NA	 (71)Name of Applicant : 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)SANO Kazuhiko 2)ITO Takamasa
Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for purifying acetonitrile said method comprising steps for adding an alkali to water containing acetonitrile that has been produced by an ammoxidation reaction reacting the alkali therewith supplying the resulting reaction mixture to a first distillation column further mixing the obtained distillate with the alkali separating the resulting mixture into an acetonitrile phase and an aqueous phase removing the aqueous phase and supplying the acetonitrile phase into a second distillation column wherein the steam distilled from the second distillation column is utilized as a heat source for a reboiler of the first distillation column.

No. of Pages : 67 No. of Claims : 8

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TISSUE GRAFT ANCHORING

 (51) International classification (31) Priority Document No (32) Priority Date (22) Newson for indicating and the second second	:61/614878 :23/03/2012	(71)Name of Applicant : 1)UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:U.S.A. :PCT/US2013/030340 :12/03/2013 :WO 2013/142131	Address of Applicant :200 Gardner Steel Conference Center OHara and Thackeray Street Pittsburgh PA 15260 U.S.A. 2)SMITH & NEPHEW INC. (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	 HARNER Christopher D. FERRAGAMO Michael C. PERRIELLO Michael J. BERUBE Jr. Alfred Rodrigue

(57) Abstract :

A fixation device includes a member (26) a woven material (90, 112) attached to the member and suture (118) extending through the woven material and including free regions for securing the woven material to a tissue graft. A method of securing a tissue graft includes providing a fixation member having a woven material attached thereto and suture extending through the woven material; determining a desired distance between the fixation member and a tissue graft; and attaching the woven material to the tissue graft using the suture at a position to obtain the desired distance.

No. of Pages : 15 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEBURRING TOOL FOR DEBURRING IN PARTICULAR NON ROUND RECESSES IN WORKPIECES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23B51/10,B23D79/02 :10 2012 005 246.4 :14/03/2012 :Germany :PCT/EP2013/000763 :14/03/2013 :WO 2013/135383 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HEULE WERKZEUG AG Address of Applicant :Wegenstrasse 11 CH 9436 Balgach Switzerland (72)Name of Inventor : 1)F,,SSLER Roman 2)HEULE Heinrich
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(57) Abstract :

The invention relates to a deburring tool for deburring edges (1, la, lb), of any desired shape, of recesses in workpieces (1) using at least one cutting blade (2, 2a, 2b, 2), wherein the deburring tool is in the form of a slotting and/or drawing tool which is rotated incrementally about its longitudinal axis and is driven displaceably in an oscillating manner in the direction of its longitudinal axis.

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING DISINTEGRATING PARTICULATE COMPOSITION COMPRISING ACID TYPE CARBOXYMETHYLCELLULOSE DISINTEGRATING PARTICULATE COMPOSITION COMPRISING ACID TYPE CARBOXYMETHYLCELLULOSE AND ORALLY DISINTEGRATING TABLET INCLUDING DISINTEGRATING PARTICULATE COMPOSITION COMPRISING ACID TYPE CARBOXYMETHYLCELLULOSE

(51) International classification :A61K9/14,A61K9/20,A61K47/10 (71)Name of Applicant :

(31) memanonal classification	1.70113/14,70113/20,7011347/10	(71)Name of Applicant.
(31) Priority Document No	:2012-075832	1)DAICEL CORPORATION
(32) Priority Date	:29/03/2012	Address of Applicant : Mainichi Intecio. 4 5 Umeda 3 chome
(33) Name of priority country	:Japan	Kita ku Osaka shi Osaka 5300001 Japan
(86) International Application	:PCT/JP2013/059083	2)NICHIRIN CHEMICAL INDUSTRIES LTD
No	:27/03/2013	(72)Name of Inventor :
Filing Date	.27/03/2015	1)HIRAMURA Takahiro
(87) International Publication	:WO 2013/146917	2)IKURA Kiyoshi
No	. WO 2013/140917	3)ISHIKAWA Sae
(61) Patent of Addition to	:NA	4)OKABAYASHI Tomohito
Application Number	:NA	5)HASHIKAWA Naohiro
Filing Date	.NA	6)MORITA Tetsuro
(62) Divisional to Application	:NA	7)IKEDA Kimiko
Number	:NA :NA	8)WAKAYAMA Haruka
Filing Date	.1NA	
0		

(57) Abstract :

The purpose of the present application is to provide an orally disintegrating tablet having excellent tablet hardness and disintegrating performance a disintegrating particulate composition by which the orally disintegrating tablet is obtained with relatively low tablet compression force and which is able to impart excellent moldability a method for producing the same and the like. The present application pertains to: a method for producing a disintegrating particulate composition including the three components of a first disintegrating tablet component comprising acid type carboxymethylcellulose a second disintegrating tablet components and a excipient wherein the method includes a first wet granulation step for using any two components of the three components and a second wet granulation step for using the granulated material obtained in the first wet granulation step and the remaining one component of the three components; a production method further including crystalline cellulose as a fourth component; a production method comprising a third step for mixing crystalline cellulose into the granulated material obtained in the second wet granulation step; disintegrating particulate compositions obtained by these production methods; and the like.

No. of Pages : 57 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LIVER X RECEPTOR MODULATORS

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:C07D487/04,A61K31/5025,A61P3/06 :61/612051 :16/03/2012 :U.S.A. :PCT/US2013/031242 :14/03/2013 :WO 2013/138565 :NA :NA :NA	 (71)Name of Applicant : 1)VITAE PHARMACEUTICALS INC. Address of Applicant :502 West Office Center Drive Fort Washington PA 19034 U.S.A. (72)Name of Inventor : 1)DONG Chengguo 2)FAN Yi 3)LEFTHERIS Katerina 4)LOTESTA Stephen 5)SINGH Suresh B. 6)TICE Colin 7)ZHAO Wei 8)ZHENG Yajun 9)ZHUANG Linghang
Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided herein are novel compounds and pharmaceutically acceptable salts thereof that are liver X receptor modulators. Also provided are compositions comprising compounds of the invention and a carrier. Additionally use of the compounds herein and methods for treating a disease or disorder associated with the liver X receptor are further described.

No. of Pages : 69 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POROUS CARBON PARTICLES FOR USE IN THE TREATMENT OR PREVENTION OF LIVER DISEASE

(57) Abstract :

The invention provides porous carbon particles for use in the treatment or prevention of liver disease wherein at least 20% of the total pore volume is made up of pores having a mean diameter of from 2 to 200 nm and/or wherein the particles comprise micropores of diameter 2 nm or less and small macropores of diameter 50 nm to 500 nm but substantially no mesopores of diameter greater than 2 nm and less than 50 nm and substantially no large macropores of diameter greater than 500 nm.

No. of Pages : 97 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE RIGID CONNECTION OF TWO THIN ELEMENTS

(57) Abstract :

According to the prsent invention, the device comprises: \cdot a flange (1) having an at least approximately trapzo⁻ dal tapered section; \cdot a counter-flange (3) having a shape complementary to that of said flange (1); and \cdot clamping means (5) for clamping said flange (1) and said counter-flange (3) one in the direction of the other, interposing the edges of said lments (6, 7) shaped at least partially in the shape (6A, 7A) of said counter-flange (3).

No. of Pages : 9 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F23Q7/00	(71)Name of Applicant :
(31) Priority Document No	:2012-075296	1)NGK SPARK PLUG CO. LTD.
(32) Priority Date	:29/03/2012	Address of Applicant :14 18Takatsuji cho Mizuho ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4678525 Japan
(86) International Application No	:PCT/JP2013/001385	(72)Name of Inventor :
Filing Date	:06/03/2013	1)HATTA Tomonari
(87) International Publication No	:WO 2013/145570	2)ISHII Shuei
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GLOW PLUG AND METHOD FOR MANUFACTURING SAME

(57) Abstract :

An object of the present invention is to ensure high air tightness in a combustion chamber and to prevent a glow plug from loosening with respect to an internal combustion engine. A glow plug (1) is provided with a shaft hole (4) that extends in an axial line (CL1) direction and comprises a housing (2) that includes a screw portion (5) to be screwed onto a mounting hole of the internal combustion engine and a heater member (3) that is inserted into the shaft hole (4). The housing (2) includes a tip end portion body (9) that extends toward a tip end side from a tip end of the screw portion (5) and a gasket portion (7) that is adjacent to an axial line (CL1) direction tip end side of the tip end portion body (9) and is bent in such a manner that at least a rear end portion (7D) thereof extends toward a direction crossing the axial line (CL1) direction in a bent portion (7A) that is disposed in a rear end thereof. The gasket portion (7) includes a press contact portion (7B) whose surface located on an outer circumferential side thereof is in press contact with respect to a bearing surface of the internal combustion engine when the screw portion (5) is screwed onto the mounting hole of the internal combustion engine.

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITION FOR OPTICAL MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:PCT/JP2013/055619 :01/03/2013	 (71)Name of Applicant : 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant :MITSUBISHI Building 5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan (72)Name of Inventor : 1)TANAKA Hiroaki 2)HORIKOSHI Hiroshi
Application Number Filing Date	:NA :NA	

(57) Abstract :

The objectives of the present invention are to: inhibit the clouding of cured products obtained by polymerizing and curing a composition including sulfur and an episulfide compound and inhibit the occurrence of clouding particularly in lenses called plus power lenses that have large central thicknesses; and provide a composition for optical materials with which it is possible to predict and assess whether or not clouding will occur after curing and to determine quality at a stage before polymerization and curing. These objectives are achieved by for example a composition for optical materials that is characterized by comprising: sulfur the turbidity value of which when made into a 30 mass% carbon disulfide solution is 10 ppm or less; and an episulfide compound. That is clouding is prevented and excellent transparency is achieved in optical materials produced from said composition for optical materials that comprises an episulfide compound and sulfur that satisfies the aforementioned condition in terms of turbidity value. Moreover it is possible to provide a composition for optical materials with which it is possible to predict and assess whether or not clouding will occur after curing and to determine quality at a stage before polymerization and curing.

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

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
2 Tokyo 1008071 Japan
2)VALLOUREC OIL AND GAS FRANCE
(72)Name of Inventor :
1)SASAKI Masayoshi
2)SUMITANI Katsutoshi
3)GOTO Kunio
2

(54) Title of the invention : THREADED COUPLING FOR STEEL PIPE

(57) Abstract :

This threaded coupling for steel pipe is formed with a pin and a box each equipped with a contact surface which has an unthreaded metal contact part that includes a seal part and has a threaded part. On the contact surface of the pin and/or the box there is formed an ultraviolet curable resin film and an acrylic silicone resin film is formed on at least a portion of the surface of the ultraviolet curable resin film.

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

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GRAIN ORIENTED ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD THEREFOR

(51) International classification (31) Priority Document No	:C21D8/12,B23K26/00,C22C38/00 :2012-103212	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(32) Priority Date	:27/04/2012	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	1	Tokyo 1008071 Japan
(86) International Application No Filing Date	:PCT/JP2013/062029 :24/04/2013	(72)Name of Inventor :1)HIRANO Koji2)ARAI Satoshi
(87) International Publication No	:WO 2013/161863	3)HAMAMURA Hideyuki 4)IMAI Hirofumi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

For this grain oriented electrical steel sheet in which grooves extending in the direction intersecting with the conveyance direction are formed at a specified pitch (PL) in the conveyance direction by irradiation of a laser beam: the relationship between the standard deviation (D) of the distance from the linear least squares approximation line for the center line of the grooves in the groove width direction to each position on the center line and the pitch (PL) satisfies formula (1); and the mean angle formed between the tangent at each position on the center line and the direction orthogonal to the conveyance direction is greater than 0° and equal to or less than

 $30^{\circ}.\ 0.02 \le (D/PL) \cdots (U)$

No. of Pages : 39 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :18/09/2014

(54) Title of the invention : GABION

(43) Publication Date : 15/05/2015

(51) International classification	:E02D29/02	(71)Name of Applicant :
(31) Priority Document No	:BO2012A000151	1)OFFICINE MACCAFERRI S.P.A.
(32) Priority Date	:21/03/2012	Address of Applicant : Via Kennedy 10 I 40069 Zola Predos
(33) Name of priority country	:Italy	(Bologna) Italy
(86) International Application No	:PCT/IB2013/051829	(72)Name of Inventor :
Filing Date	:07/03/2013	1)FERRAIOLO Francesco
(87) International Publication No	:WO 2013/140290	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reinforced gabion comprising two adjacent walls with a common edge manufactured using a single sheet of double twisted metal mesh fabric formed from metal wires which have two different diameters respectively corresponding to the two walls. Preferably the metal mesh fabric has a mesh with at least one twisted side formed from at least two metal wires woven together in which each twisted side is aligned in the direction of the common edge between the two walls.

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VEHICLE CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2013/028086 :27/02/2013 :WO 2013/130659 :NA :NA	 (71)Name of Applicant : 1)LIT MOTORS CORPORATION Address of Applicant :1086 Folsom Street San Francisco California 94103 U.S.A. (72)Name of Inventor : 1)KIM Daniel Kee Young 2)VAN LAAR Gerard 3)MILLETT Marshall
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

Embodiments of the invention describe modules/logic/circuitry to receive image data identifying terrain environment and/or one or more objects near a vehicle determine a projection of the one or more objects with respect to the vehicle determine whether the one or more objects will collide altering the vehicle and in response to determining the one or more objects will collide altering the vehicle state. In some embodiments altering the vehicle state is based at least in part on a driver position with respect to the one or more objects determined to collide with the vehicle (e.g. moving the vehicle to protect the drive). In some embodiments altering the vehicle state comprises at least one of adjusting brakes of the vehicle to alter its trajectory adjusting a steering wheel of the vehicle to alter its trajectory and adjusting an orientation or rotational speed of a flywheel (for CMG assisted vehicles).

No. of Pages : 34 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GYROSCOPE STABILIZATION IN TWO WHEELED VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01C19/02,B62D37/06,H02K7/02 :61/603885 :27/02/2012 :U.S.A. :PCT/US2013/028083 :27/02/2013	 (71)Name of Applicant : 1)LIT MOTORS CORPORATION Address of Applicant :1086 Folsom Street San Francisco California 94103 U.S.A. (72)Name of Inventor : 1)KIM Daniel Kee Young 2)BASSO Brandon
(87) International Publication No	:WO 2013/130656	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In embodiments of the invention a vehicle stabilization control unit may determine a control moment value for one or more gyroscopes coupled to a vehicle frame to exert for stabilization of the vehicle frame. A number of input axes for the flywheels of the one or more gyroscopes to precess may be increased in order to generate the determined control moment value. In some embodiments the one or more gyroscopes are further coupled to a turntable and increasing the number of input axes for the flywheels comprises rotating the turntable. Furthermore in some embodiments the one or more gyroscopes coupled inline to the vehicle frame (e.g. aligned lengthwise with respect to the front and rear wheel to spin and precess in opposite directions with respect to each other).

No. of Pages : 38 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND DEVICES FOR ADJUSTING RESOURCE MANAGEMENT PROCEDURES IN HETEROGENEOUS COMMUNICATION NETWORKS

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W36/00,H04W36/36,H04W48/08 9 :61/599038 :15/02/2012 :U.S.A. :PCT/IB2013/051198 :14/02/2013	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :16483 S 16483 Stockholm Sweden (72)Name of Inventor : 1)DIMOU Konstantinos 2)YANG Yu
Filing Date (87) International Publication No	:WO 2013/121372	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Devices and methods for adjusting resource management procedures in heterogeneous communication networks (105) are disclosed. In one aspect a method for adjusting radio resource management procedures in a mobile device (120) communicating with a node (110, 115) operating in a cell in a heterogeneous communication network (105) includes transmitting a first message to the node (705, 1205) the first message including a request for cell information receiving (710, 1210) a second message transmitted from the node the second message including the requested cell information measuring (715, 1215) signal reception information processing the received cell information and measured signal reception information to determine an adjustment to a radio resource management procedure and adjusting (725, 1225) the radio resource management procedure based on the determined adjustment. The first and second messages may be radio resource control RRC messages such as RRC connection request and response messages.

No. of Pages : 62 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRICALLY DRIVEN TWO WHEELED VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	n:B62M6/65,B62M6/40,H02K21/22 :10 2012 205 558.4 :04/04/2012	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country		Germany
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2013/056501 :27/03/2013 :WO 2013/149902	 (72)Name of Inventor : 1)EVANS Steven Andrew 2)STUBNER Armin 3)MARTIN Norbert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)DIETRICH Michel 5)CHENG Fengmei
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an electrically driven two wheeled vehicle (1) comprising at least one electric machine (4) which has a stator (6) that is fixed to the axle and a rotor (7) that is fixed to the rim. The rotor (7) has a back iron ring (9) with a plurality of permanent magnets (8) which are distributed over the circumference of the back iron ring. The back iron ring (9) has pockets (10) on the back iron ring inner face (11) facing the stator (6) one permanent magnet (8) in particular a ferrite magnet being at least substantially arranged in each said pocket. The invention further relates to a method for actuating such a two wheeled vehicle.

No. of Pages : 21 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G01L17/00	(71)Name of Applicant :
(31) Priority Document No	:102012205694.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:05/04/2012	Address of Applicant : Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/055709	(72)Name of Inventor :
Filing Date	:19/03/2013	1)NOBIS Guenter
(87) International Publication No	:WO 2013/149825	2)UFFENKAMP Volker
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHOD AND DEVICE FOR TYRE PRESSURE TESTING

(57) Abstract :

The invention relates to a device (1) for testing the filling pressure (p) in a tyre (2) of a moving vehicle on a measuring station said device comprising at least one force sensor beam (3) which is transverse to the direction of travel of the tyre (2) and an evaluation unit (4). Said force sensor beam (3) is designed to transmit an output signal to the evaluation unit (4) which is a function of the load acting totally upon the force sensor beam (3); and the evaluation unit (4) is designed to deduce the filling pressure (p) in the tyres (2) from the temporal progression of an output signal of the force sensor beam (3) which is transmitted to the evaluation unit (4) by said beam when run over with the tyres (2).

No. of Pages : 37 No. of Claims : 10

(21) Application No.7816/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:12170799.6	1)AGFA GRAPHICS NV
(32) Priority Date	:05/06/2012	Address of Applicant : IP Department 3622 Septestraat 27 B
(33) Name of priority country	:EPO	2640 Mortsel Belgium
(86) International Application No	:PCT/EP2013/055773	(72)Name of Inventor :
Filing Date	:20/03/2013	1)LOCCUFIER Johan
(87) International Publication No	:WO 2013/182328	2)STEENACKERS Marin
(61) Patent of Addition to Application	:NA	3)VERBRUGGHE Sam
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : A LITHOGRAPHIC PRINTING PLATE PRECURSOR

(57) Abstract :

A negative working lithographic printing plate precursor is disclosed which includes a coating containing a photopolymerizable layer and optionally an intermediate layer between the photopolymerizable layer and the support wherein the coating further comprises a polysiloxane said polysiloxane being present in the photopolymerizable layer and/or in the optional intermediate layer characterized in that the polysiloxane is obtainable by reacting at least one organosilicon compound represented by the general Formula (I) and at least one organosilicon compound represented by the general Formula (II) : Formula (I) Formula (II).

No. of Pages : 72 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C11D11/00 :61/615538 :26/03/2012 :U.S.A. :PCT/US2013/033820 :26/03/2013 :WO 2013/148639 :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)OH Hiroshi 2)WOS John August 3)GARDNER Robb Richard 4)BATES Tim
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : CLEANING COMPOSITIONS COMPRISING PH SWITCHABLE AMINE SURFACTANTS

(57) Abstract :

A cleaning composition comprises a pH-switchable sudsing system and a cleansing system. The pH-switchable sudsing system comprises a primary sudsing agent in combination with a pH-switchable co- surfactant. The pH-switchable co-surfactant is selected from diamine molecules having a general formula RR -N-R -N+ (C^{3}_{4})X, where R1 is a linear or branched Cs to Ci6 hydrocarbyl, R2 is a linear or branched C1 to C3 hydrocarbyl, R3 is a linear or branched C3 to Ct, hydrocarbylene, and X is a counteranion. The tertiary amine nitrogen of the pH-switchable co-surfactant has a pKa value. When the tertiary amine nitrogen is unprotonated, the pH-switchable co-surfactant may provide a suds-boosting effect in washing solutions at a washing pH above the pKa. When the tertiary amine nitrogen is protonated, the pH-switchable co-surfactant may provide a suds-reducing benefit in rinse waters at a rinse pH below the pKa.

No. of Pages : 56 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ABSORBENT ARTICLE PROCESS AND APPARATUS FOR INTERMITTENTLY DEACTIVATING ELASTICS IN ELASTIC LAMINATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/434912 :30/03/2012 :U.S.A. :PCT/US2013/032744 :18/03/2013 :WO 2013/148385 :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)SCHNEIDER Uwe 2)QUADE Michael Brian 3)MERCADO Jose Angel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure relates to methods and apparatuses for assembling absorbent articles and more particularly methods and apparatuses for severing elastic in an advancing elastic laminate. A continuous elastic laminate may be formed by bonding elastic strands between a first continuous substrate layer and a second continuous substrate layer. As discussed in more detail below the continuous elastic laminate may advance through a cutting apparatus that intermittently deactivates or severs the elastic strands of the elastic laminate along the machine direction.

No. of Pages : 49 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING AROMATIC POLYCARBONATE AND MANUFACTURING FACILITY

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:2012-083283	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:30/03/2012	Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008251 Japan
(86) International Application No	:PCT/JP2013/059667	(72)Name of Inventor :
Filing Date	:29/03/2013	1)NISHIHARA Ryouhei
(87) International Publication No	:WO 2013/147221	2)HYOUDOU Narutoshi
(61) Patent of Addition to Application	:NA	3)YAMAMOTO Masanori
Number		4)KUMAZAWA Katsuhisa
Filing Date	:NA	5)SHIBATA Hiroki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are: a process for manufacturing an aromatic polycarbonate said process being capable of both saving heat resources in manufacturing and minimizing the decomposition of an aromatic dihydroxyl compound; and a facility therefor. A process for manufacturing an aromatic polycarbonate from a carbonic diester and an aromatic dihydroxyl compound as the raw materials through a polycondensation step characterized by making a molten carbonic diester flow which is a melt flow of the carbonic diester join a molten aromatic dihydroxyl compound mixing both flows together in a line to prepare a molten raw material for a polycarbonate resin and then subjecting the molten raw material to continuous polycondensation in a polycondensation reactor. A manufacturing facility which is to be used in the process and which is provided with a raw material preparing unit a polycondensation reactor and so on.

No. of Pages : 33 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H02K15/00	(71)Name of Applicant :
(31) Priority Document No	:12160809.5	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:22/03/2012	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:EPO	Baden Switzerland
(86) International Application No	:PCT/EP2013/055885	(72)Name of Inventor :
Filing Date	:21/03/2013	1)STEIN Ruediger
(87) International Publication No	:WO 2013/139886	2)ZIEGLER Alfred
(61) Patent of Addition to Application	:NA	3)VEZZOLI Massimiliano
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR RETROFIT A CONDUCTIVE BAR

(57) Abstract :

A yard (1) includes an electric machine (2) having a slot (3) housing the conductive bar (4). The conductive bar (4) comprises a conductive element (5), original insulation (6) around the conductive element (5). The method comprises removing the conductive bar (4) from the slot (3), removing the original insulation (6) from the conductive element (5), applying new insulation (7) around the conductive element (5) on the yard (1).

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICES FOR DISPENSING SURGICAL FASTENERS INTO TISSUE WHILE SIMULTANEOUSLY GENERATING EXTERNAL MARKS THAT MIRROR THE NUMBER AND LOCATION OF THE DISPENSED SURGICAL FASTENERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)ETHICON INC. Address of Applicant :U.S. Route 22 P.O. Box 151 Somerville New Jersey 08876 U.S.A. (72)Name of Inventor : 1)STD A FUNIZ Large Betage
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:13/03/2013 :WO 2013/138403 :NA :NA :NA :NA	1)STRAEHNZ Jens Peter 2)SOULS Doug 3)CARDINALE Michael 4)AUER Brian 5)COHN Simon

(57) Abstract :

A device (20) dispenses surgical fasteners inside a body and generates marks outside the body indicating where the surgical fasteners have been dispensed inside the body. The device includes a first member (22) having a surgical fastener dispenser opening (84) and a second member (36) coupled with the first member the second member having a distal end that opposes the surgical fastener dispenser opening. The device includes a marking assembly (142) secured to the distal end of the second member. The marking assembly is moveable away from and toward the surgical fastener dispenser opening. The marking assembly is adapted for generating marks on an external surface that mirror the location of each surgical fastener dispensed from the surgical fastener dispenser opening. The device may include a clamp for compressing tissue between the marking assembly and the surgical fastener dispenser.

No. of Pages : 66 No. of Claims : 20

(22) Date of filing of Application :16/09/2014

(21) Application No.7715/DELNP/2014 A

(43) Publication Date : 15/05/2015

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F24F3/16,F24F6/12 :1203889.9 :06/03/2012 :U.K.	 (71)Name of Applicant : 1)DYSON TECHNOLOGY LIMITED Address of Applicant :Tetbury Hill Malmesbury Wiltshire SN16 0RP U.K.
(86) International Application No Filing Date	:PCT/GB2013/050324 :13/02/2013	(72)Name of Inventor : 1)STANIFORTH Mark
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2013/132217 :NA :NA	2)BEAVIS Daniel 3)PULLEN Jude
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : HUMIDIFYING APPARATUS

(57) Abstract :

A humidifying apparatus includes a nozzle and a base on which the nozzle is mounted. The nozzle has a first air inlet a first air outlet and a first interior passage for conveying air from the first air inlet to the first air outlet. The nozzle also includes a second air inlet a plurality of second air outlets and a second interior passage for conveying air from the second air inlet to the second air outlets. The nozzle defines a bore through which air from outside the humidifying apparatus is drawn by air emitted from the air outlets. The body includes a motor and impeller unit for generating a first air flow through the first interior passage and a second air flow through the second interior passage and a water reservoir. A first air passageway conveys the first air flow to the first air inlet and a second air passageway conveys the second air flow over the water in the reservoir to the second air inlet. Water stored in the reservoir is agitated as the second air flow passes over the reservoir. An ultraviolet radiation generator irradiates the agitated water for a period of time before water stored in the reservoir is atomized to increase the humidity of the second air flow.

No. of Pages : 57 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (32) No. 100 (2000) 	:61/617516 :29/03/2012	 (71)Name of Applicant : 1)HARNISCHFEGER TECHNLOGIES INC. Address of Applicant :2751 Centerville Road Suite 342
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:U.S.A. :PCT/US2013/034664 :29/03/2013 :WO 2013/149179	Wilmington DE 19808 U.S.A. (72)Name of Inventor : 1)HARGRAVE Jr. Brian K. 2)REILAND Matthew J.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)MUNOZ Ryan A. 4)KOXLIEN Steven 5)SISNEROS Paul
Filing Date	:NA	

(54) Title of the invention : OVERHEAD VIEW SYSTEM FOR A SHOVEL

(57) Abstract :

Systems and methods for providing an overview head view of an industrial machine such as a shovel. One system includes at least one processor configured to receive data from at least one sensor installed on the shovel relating to the area around the shovel identify a plurality of planes based on the data determine if the plurality of planes are positioned in a predetermined configuration associated with a haul truck and if the plurality of planes are positioned in the predetermined configuration superimpose the plurality of planes on an overhead view image of the shovel and the area.

No. of Pages : 35 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HORIZONTAL SUPPORT FOR A TILTABLE CONVERTER AND METHOD FOR CONVERTING A TILTABLE CONVERTER

	CO105/46 CO105/50 FO7D2/06	
(51) International classification	:C21C5/46,C21C5/50,F27B3/06	
(31) Priority Document No	:12172163.3	1)SIEMENS VAI METALS TECHNOLOGIES GMBH
(32) Priority Date	:15/06/2012	Address of Applicant : Turmstrae 44 A 4031 Linz Austria
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No):PCT/EP2013/059785	1)GRUBER Rudolf
Filing Date	:13/05/2013	2)PFEIFFER Gerhard
(87) International Publication No	:WO 2013/185991	3)WIMMER Gerald
(61) Patent of Addition to	:NA	4)WIMMER Peter
Application Number		
Filing Date	:NA	
6		
(62) Divisional to Application	:NA	
Number		
	:NA	
Filing Date		

(57) Abstract :

The invention relates to a tiltable converter (1) comprising a converter vessel (2) with a converter axis (3) a supporting ring (4) which surrounds the converter vessel (2) at a distance and has two diametrically opposite supporting pins (67) which are respectively arranged on a fixed bearing side and on a loose bearing side of the supporting ring (4) and a suspension system for supporting the converter vessel (2) on the supporting ring (4). The suspension system comprises at least two horizontal connecting elements (8) which are oriented parallel to a supporting ring plane formed by the supporting ring (4) and which respectively act in an articulated manner by way of their opposite ends on the converter vessel (2) and on the supporting ring (4). Another subject of the invention is a method for converting a tiltable converter.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : REPROGRAMMING EFFECTOR PROTEIN INTERACTIONS TO CORRECT EPIGENETIC DEFECTS IN CANCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/135,A61K31/10,A61K31/167 :61/603650 :27/02/2012 :U.S.A. :PCT/CA2013/050145 :27/02/2013 :WO 2013/127011 :NA :NA :NA	 (71)Name of Applicant : 1)BRITISH COLUMBIA CANCER AGENCY BRANCH Address of Applicant :BC Cancer Research Centre 675 West 10th Avenue Vancouver British Columbia V5Z 1L3 Canada (72)Name of Inventor : 1)JONES Steven J.M. 2)YAKOVENKO Oleksandr 3)THOENE Silvia 4)CHEUNG Pierre Yulmin 5)AN Jianghong
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(57) Abstract :

Methods of reprogramming epigenetic mark readers or erasers to recognize epigenetic marks other than their cognate (or natural) marks are provided. Reprogramming the reader or eraser can offset the effects of aberrant writer activity (for example loss of function or overactivity) that can contribute to certain diseases states such as cancer. The use of the reprogramming compounds identified by these methods in the treatment of such disease states is also provided. Exemplary mark readers that can be targeted by these methods include BPTF and CBX2.

No. of Pages : 104 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LUBRICATING THERMOPLASTIC RESIN COMPOSITION AND MOLDED PRODUCT THEREOF

(51) International classification	n:C08L25/12,C08F212/10,C08J5/16	(71)Name of Applicant :
(31) Priority Document No	:2012092150	1)UMG ABS LTD.
(32) Priority Date	:13/04/2012	Address of Applicant :8 1 Akashi cho Chuo ku Tokyo
(33) Name of priority country	:Japan	1046591 Japan
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2013/060443 :05/04/2013	 (72)Name of Inventor : 1)NAITOH Yoshitaka 2)TAO Kousaku 3)TAKASE Tomonori
No	:WO 2013/154040	4)NII Risa
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)SHINOHARA Yoshiaki 6)YAGI Keiichi 7)HASE Nobutaka
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a lubricating thermoplastic resin composition which exhibits excellent lubricating properties of a molded product has an excellent surface outer appearance and permanently maintains lubricating properties. [Solution] A lubricating thermoplastic resin composition containing: an acid modified copolymer (A) which is formed from a monomer mixture containing an aromatic vinyl and a vinyl cyanide and which has a carboxyl group in the molecular chain; and a functional group imparted lubricating lubricating properties. The same molecule a functional group (B1) which may react with a carboxyl group and a lubricant site (B2) exhibiting lubricating properties. The lubricating thermoplastic resin composition may also contain a graft copolymer (C) and/or another thermoplastic resin (D) excluding the acid modified copolymer (A).

No. of Pages : 54 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:15/03/2013 :WO 2013/142334	 (71)Name of Applicant : 1)PAYNET PAYMENTS NETWORK LLC Address of Applicant :601 Riverside Avenue Jacksonville FL 32204 U.S.A. (72)Name of Inventor : 1)MARCOUS Neil 2)WOODBURY Robert 3)GORDON Peter
· · ·		
6		
	:WO 2013/142334	
	:NA	3)GORDON Peter
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODS FOR REAL TIME ACCOUNT ACCESS

(57) Abstract :

Systems and methods for real time account access allowing access to accounts (such as deposit credit or debit accounts) through network processing infrastructures such as Electronic Funds Transfer (EFT). In some embodiments consumers and/or merchants are able to effect transaction requests against accounts using a pseudo identifier or other identifier and without the need to provide an account number or card number. In other embodiments payment networks are able to route and process transaction requests against account number. In other embodiments account processing systems are able to determine an appropriate account based on transaction requests that do not contain card numbers or account numbers.

No. of Pages : 37 No. of Claims : 40

(21) Application No.8215/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CDR-MODIFIED ANTI-SIGLEC-15 ANTIBODY

(51) Internationalclassification(31) Priority Document No(22) Brigging Data	:C12N15/09,A61K39/395,A61P1/02 :2012078842	 (71)Name of Applicant : 1)DAIICHI SANKYO COMPANYLIMITED Address of Applicant :3 5 1Nihonbashi HonchoChuo ku
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:30/03/2012 7:Japan ¹ :PCT/JP2013/059654 :29/03/2013	Tokyo 1038426 Japan (72)Name of Inventor : 1)HIRUMA Yoshiharu 2)KIMURA Takako 3)SHIMIZU Hironari
(87) International Publication No	:WO 2013/147213	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide an abnormal bone metabolism treatment and/or a prophylactic pharmaceutical composition targeting a protein coded for by a gene that is strongly expressed in osteoclasts. The provision etc. of a pharmaceutical composition containing an antibody that specifically recognizes human SIGLEC15 and exhibits the effect of inhibiting the formation of osteoclasts.

No. of Pages : 90 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MECHANICALLY ACTIVATED CONTINGENCY RELEASE SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E21B17/043,E21B17/02 :NA :NA :NA :PCT/US2012/036127 :02/05/2012 :WO 2013/165412 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston Texas 77072 U.S.A. (72)Name of Inventor : 1)NOFFKE Richard Paul
Filing Date	:NA	

(57) Abstract :

A release system comprises a torsional lock sleeve disposed about a mandrel, and a collet prop engaged with the mandrel. The torsional lock sleeve and the mandrel are configured to substantially prevent rotational movement of the torsional lock sleeve 10 about the mandrel, and the torsional lock sleeve is configured to shift between a first position and a second position with respect to the mandrel. When the torsional lock sleeve is in the first position, the collet prop is retained in engagement with a collet and the collet prop is retained in a torsionally locked engagement with the torsional lock sleeve. The collet prop is configured to longitudinally translate in response to a rotational 15 movement when the torsional lock sleeve is disposed in the second position. A shifting assembly is configured to engage the torsional lock sleeve and shift the torsional lock sleeve fi-om the first position to the second position.

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

(21) Application No.7700/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:15/03/2013	 (71)Name of Applicant : 1)SMITH & NEPHEW INC.
Filing Date (87) International Publication No (61) Patent of Addition to Application	:WO 2013/142332	Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor : 1)LANDON Ryan L. 2)MINES Angela 3)DEES Ryan
	:WO 2013/142332 :NA :NA :NA :NA	

(54) Title of the invention : TIBIAL IMPLANT HAVING AN ANATOMIC STEM

(57) Abstract :

Disclosed herein are systems methods and devices for providing a tibial implant including an anatomic stem that provides a close interface between the implant and surrounding bone. The stem varies in size cross sectional shape or orientation from a proximal portion of the stem to the tip of the stem. The variation of the stem accommodates the variation of tibial anatomy into which the implant component is implanted. The stem provides resistance against rotation of the implant and reduces stress shielding effects by transmitting forces into surrounding bone. In certain implementations the interface between the stem and bone is supplemented by fin extensions that extend outward from the stem and increase the contact between the implant and the surrounding bone structure.

No. of Pages : 32 No. of Claims : 20

(21) Application No.80/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CERIA ZIRCONIA ALUMINA COMPOSITION WITH ENHANCED THERMAL STABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01J21/04,B01J23/10,B01J37/00 :10 2011 107 702.6 :14/07/2011 :Germany :PCT/EP2012/063756 :13/07/2012 :WO 2013/007809 :NA :NA :NA	 (71)Name of Applicant : 1)TREIBACHER INDUSTRIE AG Address of Applicant :Auer von Welsbach Strasse 1 A 9330 Treibach Althofen Austria 2)SASOL GERMANY GMBH (72)Name of Inventor : 1)SCHERMANZ Karl 2)SAGAR Amod 3)SCH–NEBORN Marcos 4)GL–CKLER Reiner 5)DALLMANN Kai 6)ALBER Frank 7)ROLFS Snke
Number Filing Date	:NA :NA	

(57) Abstract :

A process for the preparation of a calcined mixed oxide comprising Al Ce and Zr oxides comprising the steps of providing an aqueous slurry comprising hydroxides of cerium and zirconium contacting the hydroxides of cerium and zirconium with an alumina precursor to obtain an aqueous suspension of solids isolating the solids from the aqueous suspension and drying to obtain a solid composition calcining the solid composition of step (c) at a temperature from 450°C to 1200°C for at least 1 hour to obtain a calcined mixed oxide.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DIE SHOE ASSEMBLY WITH BEARING SURFACE MECHANISM METHOD FOR RETAINING A DIE AND DIE FOR USE THEREWITH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 		 (71)Name of Applicant : 1)WILSON TOOL INTERNATIONAL INC. Address of Applicant :12912 Farnham Avenue White Bear Lake MN 55110 U.S.A. (72)Name of Inventor : 1)BROADBENT Joseph Daniel
Application No Filing Date	:PCT/US2012/026135 :22/02/2012	2)SCHULTE Bradley P. 3)LEE Brian J.
(87) International Publication No	¹ :WO 2012/170085	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus meant to contain a die portion of a punch and die set whether in a loading cartridge (10) or in machine operating position wherein a key (22) is used with a die shoe (12) to prevent lateral movement of the die (16) regardless of extent by which the die (16) is sharpened and continued to be used with the die shoe (12) and wherein a die (16) is used with the die shoe (12) to minimize jagged or sharp edges being created from sharpening processes thereof.

No. of Pages : 41 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H01R9/26	(71)Name of Applicant :
(31) Priority Document No	:10 2011 105 156.6	1)PHOENIX CONTACT GMBH & CO. KG
(32) Priority Date	:17/06/2011	Address of Applicant :Flachsmarktstrae 8 32825 Blomberg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/002499	(72)Name of Inventor :
Filing Date	:13/06/2012	1)TRINH Dat Minh
(87) International Publication No	:WO 2012/171640	2)BECKER Markus
(61) Patent of Addition to Application	:NA	3)TOMBERS Roland
Number	:NA	4)HANSES Markus
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ELECTRICAL CONNECTING MODULE

(57) Abstract :

The invention relates to an electrical connecting module comprising: a module housing (101) which comprises a module receptacle (103 119 1209) with a first electrical connection terminal (105 107); a module element (109 1205) with a second electrical connection terminal (111 113) and with a third electrical connection terminal (115 117) wherein the module element (109 1205) for electrically connecting the first connection terminal (105 107) to the second connection terminal (111 113) can be inserted into the module receptacle (103 119 1209) and can be held in the module receptacle (103 119 1209) by means of a detachable latching connection; and a release device (125) for releasing the latching connection.

No. of Pages : 68 No. of Claims : 44

(21) Application No.8226/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING HYDROGENATED BIPHENOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/JP2013/059239 :28/03/2013 :WO 2013/153957 :NA :NA	 (71)Name of Applicant : 1)DAICEL CORPORATION Address of Applicant :3 4 5 Umeda Kita ku Osaka shi Osaka 5300001 Japan (72)Name of Inventor : 1)OHNO Mitsuru 2)HASHIZUME Tomohiro
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(57) Abstract :

Provided is a method for efficiently producing a high purity hydrogenated biphenol by means of a simple and industrially applicable method and in which an easily obtainable biphenol is used as a raw material. This hydrogenated biphenol production method produces the hydrogenated biphenol represented by formula (2) by hydrogenating the biphenol represented by formula (1) and the method comprises a reaction step of hydrogenating the biphenol represented by formula (1) and the reaction product obtained in the reaction step is washed or crystallized using an aromatic hydrocarbon.

No. of Pages : 27 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PACKAGING CONTAINER AND METHOD FOR FILLING THE CONTAINER WITH BITUMEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B65D88/16,B65D85/00 :A305/2012 :13/03/2012 :Austria :PCT/EP2013/054315 :05/03/2013 :WO 2013/135520 :NA :NA :NA	 (71)Name of Applicant : 1)P-RNER INGENIEURGESELLSCHAFT MBH Address of Applicant :Hamburgerstrae 9 A 1050 Wien Austria (72)Name of Inventor : 1)P-RNER Andreas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a large volume packaging container for thermoplastic materials in particular bitumen. The container has a bottom panel (1) and a container jacket (2) connected to the bottom panel which container jacket consists of wall panels (3) made of flexible material in particular made of flat woven fabric or circular woven fabric made of plastic fibers such as polypropylene (PP) or polyethylene (PE) or biodegradable natural fibers and preferably having an inner coating made of PP or PE. The container jacket (2) is constricted in the lower half of the height of the container that is near the bottom. The method for filling the containers is characterized in that the containers are filled with hot bitumen while suspended.

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEMS AND METHODS TO DETERMINE AND MONITOR CHANGES IN RAIL CONDITIONS

(51) International classification:G01N29/00(31) Priority Document No:61/613683(32) Priority Date:21/03/2012(33) Name of priority country:U.S.A.(86) International Application No:PCT/US20Filing Date:21/03/2013(87) International Publication No:WO 2013/1(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	83 1)BOARD OF REGENTS OF THE UNIVERSITY OF 912 NEBRASKA Address of Applicant :1320 Q Street Lincoln Nebraska 68588 2013/033222 U.S.A. 013 (72)Name of Inventor :
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(57) Abstract :

The embodiments disclosed herein relate to various systems and methods for determining the residual stress in polycrystalline materials. The system includes an ultrasonic inspection device that non destructively assesses material conditions. A common ultrasonic inspection device includes for example a pulser receiver. A pulser receiver includes a pulser that generates electrical signals and a receiver to receive them.

No. of Pages : 43 No. of Claims : 8

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TRAIN CONTROL SYSTEM

(51) International classification	:B61L3/12,B61L25/02	(71)Name of Applicant :
(31) Priority Document No	:2012082604	1)THE NIPPON SIGNAL CO. LTD.
(32) Priority Date	:30/03/2012	Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1006513 Japan
(86) International Application No	:PCT/JP2013/057687	(72)Name of Inventor :
Filing Date	:18/03/2013	1)SAITO Keiichi
(87) International Publication No	:WO 2013/146429	
(61) Patent of Addition to Application	:NA	
Number	.NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention pertains to a train control system using wireless communications. In this train control system a portable wireless device (PVRS) is detachably mounted to a maintenance vehicle (3) and the maintenance vehicle (3) is incorporated into a wireless train control system. The carriage length of the maintenance vehicle (3) the portable wireless device (PVRS) number the frequency used for wireless communications and the time that the maintenance vehicle (3) is on the track (main line) (2) etc. are recorded in the portable wireless device (PVRS) as basic information for the maintenance vehicle (3). The basic information for the maintenance vehicle (3) is sent to a ground device (SC) via trackside wireless devices (WRS) and a base wireless device (SRS) the distance measurement results from communications between the portable wireless device (PVRS) and the trackside wireless devices (WRS) are sent to the ground device (SC) performs actions such as setting the maintenance car on track warning range. As a result safety during maintenance work using the maintenance vehicle can be improved whilst reducing cost.

No. of Pages : 26 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CIRCUIT BOARD ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		 (71)Name of Applicant : 1)NOVALIA LTD Address of Applicant :The Quorum Barnwell Road Cambridge Cambridgeshire CB5 8RE U.K. (72)Name of Inventor : 1)STONE Kate
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A circuit board assembly is described. The circuit board assembly (1) comprises a module (2) which comprises a first flexible substrate (7) and a device mounted on the first flexible substrate and a circuit board (3) which comprises a second flexible substrate (4) wherein the module is mounted on the circuit board.

No. of Pages : 17 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TRAIN CONTROL APPARATUS		
(51) International classification	:B61L23/14,B61L3/12	(71)Name of Applicant :
(31) Priority Document No	:2012082606	1)THE NIPPON SIGNAL CO. LTD.
(32) Priority Date	:30/03/2012	Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1006513 Japan
(86) International Application No	:PCT/JP2013/057689	(72)Name of Inventor :
Filing Date	:18/03/2013	1)HATAZAKI Naoki
(87) International Publication No	:WO 2013/146431	2)KATO Hideyuki
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to accurately perform the switching of control rights with respect to a train that passes a control section boundary and contribute to the safe operation of the train. A first ground device that is installed in a first section of a train traveling path and a second ground device that is installed in a second section which continues in a train traveling direction with respect to the first section are installed. When the train enters a control transfer section whose terminal end is determined to be the control section boundary of the first section the first ground device instructs a first on vehicle radio to transmit a first report signal to the first ground device according to a first communication condition and instructs a second on vehicle radio to transmit a second report signal to the second ground device according to a second on vehicle radio instructs the second on vehicle radio to transmit a report signal that is accepted from the second on vehicle radio instructs the second on vehicle radio to transmit a report signal that contains train position information to the second ground device according to the second communication condition.

No. of Pages : 25 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MODIFIED BLASTING AGENT

 (51) International classification (31) Priority Document No (2012900943 (32) Priority Date (09/03/2012 (33) Name of priority country :Australia (86) International Application No PCT/AU2013/000219 (08/03/2013 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Filing Date (62) Divisional to Application NA Filing Date (61) Patent (62) Divisional to Application NA Filing Date (87) NA 	 (71)Name of Applicant : 1)DYNO NOBEL ASIA PACIFIC PTY LIMITED Address of Applicant :Level 8 28 Freshwater Place Southbank Victoria 3006 Australia (72)Name of Inventor : 1)GORE Jeff 2)PARIS Nathan
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(57) Abstract :

The present invention relates generally to an explosive composition comprising an aqueous emulsion of: an oxidizer component a hydrocarbon fuel component containing emulsifier and a bulking agent being a fuel type waste material in a solid particulate form substantially lacking rough surfaces and sharp edges. Preferably the composition is of an ammonium nitrate based emulsion and a pelletised bulking agent. It also involves a method of providing an explosive composition to a blast site using a conventional mobile processing unit (MPU) being a truck having separate compartments adapted for holding fuel oil dry ammonium nitrate prill and ammonium nitrate based emulsion where a compartment instead holds particulate waste material. It also concerns a method of blasting soft and wet ground which comprises injecting into one or more blast holes in the soft and wet ground a sufficient quantity of the composition and then setting off the composition.

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

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VARIABLE RAKE SHEAR		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23D15/14,B23D35/00 :1213378.1 :27/07/2012 :U.K. :PCT/EP2013/064560 :10/07/2013 :WO 2014/016119 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS PLC Address of Applicant :Faraday House Sir William Siemens Square Frimley Camberley Surrey GU16 8QD U.K. (72)Name of Inventor : 1)ROUND Philip

(57) Abstract :

A variable rake shear comprises a housing (8) a first blade (1) mounted in a first blade mounting (4) a second blade (2) mounted in a second blade mounting (3); and control means (5) to control movement of one of the first and second blade mountings to shear the material. Each blade mounting is movable in at least one dimension relative to the housing. One of the first and second blades is an active blade (1) and the other of the first and second blades is a passive blade (2). The shear further comprises a rake adjustment mechanism (6a 6b) for at least one of the first and second blade mountings (3 4) and the mounting (4) for the active blade (1) further comprises a torque tube linkage mechanism (10 11 12).

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

(21) Application No.8223/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR EXTRACTION AND STORAGE OF NUCLEIC ACIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2013/038576 :29/04/2013 :WO 2013/165870 :NA :NA	 (71)Name of Applicant : (71)GENERAL ELECTRIC COMPANY Address of Applicant :1 River Road Schenectady New York 12345 U.S.A. (72)Name of Inventor : 1)LI Bing 2)MOORE David Roger 3)KVAM Erik Leeming
Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure generally relates to solid matrices for the extraction stabilization and storage of nucleic acids particularly RNA in a dry format under ambient conditions for a prolonged period of time. Methods for extracting collecting and recovering nucleic acids from the solid compositions are also described.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A LAUNDRY DETERGENT COMPOSITION COMPRISING A PARTICLE HAVING HUEING AGENT AND CLAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D3/12,C11D3/40,C09B67/08 :61/644480 :09/05/2012 :U.S.A. :PCT/US2013/039030 :01/05/2013 :WO 2013/169536 :NA :NA :NA	 (71)Name of Applicant : MILLIKEN & COMPANY Address of Applicant :920 Milliken Road M495 Spartanburg South Carolina 29303 U.S.A. (72)Name of Inventor : FERNANDES Gregory E. VALENTI Dominick J. STENGER Patrick C. MIRACLE Gregory S. MOON Andrew P. MCDONNELL Michael
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(57) Abstract :

The present invention relates to a laundry detergent composition comprising a particle comprising hueing agent and clay. The particle can be incorporated into laundry detergent products such as a laundry detergent powder. The particle exhibits an excellent storage stability profile with very little bleeding of the hueing dye from the particle exhibits excellent fabric deposition of the hueing dye during a laundering process without causing any spot staining of the fabric and does not impact the visual appearance of a laundry detergent powder when incorporated therein.

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : STEEL SHEET FOR HOT STAMPING METHOD FOR PRODUCING SAME AND HOT STAMPED STEEL MATERIAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:C22C38/00,C21D9/46,C22C38/06 :2012050935 :07/03/2012 :Japan	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2013/055992 :05/03/2013 :WO 2013/133270	Tokyo 1008071 Japan (72) Name of Inventor : 1) TANAHASHI Hiroyuki 2) TOMOKIYO Toshimasa
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

This hot stamped steel material comprises a chemical composition including in mass% 0.18 0.26% of C more than 0.02% to 0.05% or less of Si 1.0 1.5% of Mn 0.03% or less of P 0.02% or less of S 0.001 0.5% of Al 0.1% or less of N 0.001 0.02% of O 0 2.0% of Cr 0 1.0% of Mo 0 0.5% of V 0 0.5% of W 0 5.0% of Ni 0 0.01% of B 0 0.5% of Ti 0 0.5% of Nb 0 1.0% of Cu and Fe and impurities as the remainder and is characterized in that: the concentration of Mn containing inclusions is 0.010 mass% or more to less than 0.25 mass%; and the percentage by number of Mn oxides in said inclusions with a maximum length of 1.0 4.0 µm is 10.0% or more. This hot stamped steel material ensures excellent resistance to hydrogen embrittlement even in cases where the steel material after having been hot stamped is subjected to processing in which stress remains such as perforation and the steel material can also be worked easily.

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A MEDICAL DEVICE HAVING A SURFACE COMPRISING GALLIUM OXIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61L27/30,A61C13/00,A61C8/00 :61/617940 :30/03/2012 :U.S.A. :PCT/EP2013/056480 :27/03/2013	 (71)Name of Applicant : 1)DENTSPLY IH AB Address of Applicant : Aminogatan 1 S 431 21 Mlndal Sweden (72)Name of Inventor : 1)ARVIDSSON Anna 2)JOHANSSON Anders 3)ROOTH Mrten
Filing Date	:27/03/2013	
(87) International Publication No	:WO 2013/144185	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A medical device intended for contact with living tissue comprises a substrate having a surface which surface comprises a layer comprising gallium oxide. A layer comprising a gallium oxide has been shown to inhibit biofilm formation on the surface of the medical device which may reduce the risk for infection e.g. around a dental implant. A method of producing the medical device comprises: a) providing a substrate having a surface; and applying a gallium compound onto said surface to form a layer preferably using a thin film deposition technique.

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

(21) Application No.7737/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:P201200228 :23/02/2012 :Spain	 (71)Name of Applicant : 1)PREXTOR SYSTEMS S.L. Address of Applicant :Avda. Blas Infante 6 Edificio URBIS 9a Planta E 41011 Sevilla Spain (72)Name of Inventor : 1)RUIZ DEL OLMO Fernando
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/124504 :NA :NA :NA :NA	

(54) Title of the invention : COMBINED CYCLE CAES TECHNOLOGY (CCC)

(57) Abstract :

The invention relates to a system which stores energy on the basis of the compression of atmospheric air and the confinement thereof in tanks or caverns which combines the thermodynamic cycle followed by atmospheric air (Brayton cycle) with another thermodynamic cycle which an auxiliary fluid enclosed in the cavern inside a membrane is made to follow followed by two sections of a Rankine cycle one during the air compression process and entry of air into the cavern and the other during the exit of air and turbinated flow taking advantage of the residual heat of the exhaust gases from the compressed air turbine as a source of heat of the Rankine auxiliary fluid cycle and being able to utilize the tanks or caverns to carry out heating therein of the compressed air and/or the auxiliary fluid at a constant volume.

No. of Pages : 23 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ENGINEERED ANTIBODY INTERFERON MUTANT FUSION MOLECULES

classification :A61K38/21,A61K39/395,A61P35/00 1) (31) Priority Document No :61/634565 1) (32) Priority Date :03/03/2012 The (33) Name of priority :U.S.A. 1) (86) International :PCT/US2013/028899 2) Application No :04/03/2013 3)	 (1)Name of Applicant : 1)IMMUNGENE INC. Address of Applicant :558 St. Charles Drive Suite 200 housand Oaks CA 91320 U.S.A. (2)Name of Inventor : 1)GREWAL Iqbal 2)KHARE Sanjay D. 3)GRESSER Michael 4)SYED Rashid
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(57) Abstract :

The field of the present invention relates to genetically engineered fusion molecules methods of making said fusion molecules and uses thereof in anti tumor immunotherapies. More specifically the present invention relates to fusion molecule constructs wherein a tumor associated antigen (TAA) antibody (Ab) serves as a targeting moiety to selectively deliver a cytokine to a tumor cell for purposes of killing or inhibiting the growth or proliferation of said tumor cell. In various embodiments the engineered fusion molecules comprise a TAA Ab fused to an interferon alpha (IFN a) mutant molecule. The engineered Ab IFN a mutant fusion molecules of the present invention demonstrate improved therapeutic index and preserved or increased efficacy as compared to Ab wildtype IFN a fusion molecules and/or demonstrate improved PK properties as compared to Ab wildtype IFN a fusion molecules.

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SKINCARE APPARATUS

classification:A01H25/00,A01H25/02,A45D44/021)(31) Priority Document No:10201200221691)(32) Priority Date:05/03/2012Seo(33) Name of priority:Republic of Korea(72)	 (1)Name of Applicant : 1)BOMTECH ELECTRONICS CO. LTD. Address of Applicant :3th Floor Yeonsan Bldg. 1547 15 eocho 3 dong Seocho gu Seoul 137 872 Republic of Korea (2)Name of Inventor : 1)LEE Jong Dae
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(57) Abstract :

Disclosed is a skincare apparatus using ultrasonic vibrations. The disclosed skincare apparatus comprises: a main body; a vibration unit removably arranged in the main body; and an ultrasonic wave generating unit for generating ultrasonic vibrations which is arranged inside the vibration unit. The vibration unit includes a skin contacting member having a cylindrical projection for transmitting the ultrasonic vibrations generated by the ultrasonic wave generating unit to the skin.

No. of Pages : 20 No. of Claims : 9

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WELDING CART

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23K9/12,B23K9/02,B23K37/02 :NA :NA :NA :PCT/JP2012/059801 :10/04/2012	 (71)Name of Applicant : 1)KOKUHO COMPANY LIMITED Address of Applicant :1 8 54 Uchikawa Yokosuka shi Kanagawa 2390836 Japan (72)Name of Inventor : 1)INOUE Yoshihiro
(87) International Publication No	:WO 2013/153621	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A welding cart (1) on which a welding torch (T) is mounted for transporting comprises a cart body (3) and a torch support part (6) which is positioned between the forward and rearward edges of the cart body and that supports on the side of the cart body (3) at a downward slant the tip (Ta) of the welding torch (T). The torch support part (6) is provided with a torch swinging unit (20) and a weaving unit (40). The torch swinging unit (20) is provided with a torch swinging mechanism (30) for swinging the tip (Ta) of the welding torch (T) toward the front and rear of the cart body (3) while bringing the same closer to a welding line (L); the weaving unit (40) is provided with a weaving mechanism (5) that is operated so as to integrally rotate a unit case (22) for the torch swinging unit (20) and a torch mounting bar (24) around a screw (21) and that performs weaving action on the welding torch (T).

No. of Pages : 22 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS SYSTEMS AND METHODS FOR A FLOW CONTROL DEVICE

(51) International classification	:E21B34/12,E21B34/14,E21B43/12	(71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC.
(31) Priority Document No	:NA	Address of Applicant :10200 Bellaire Boulevard Houston
(32) Priority Date	:NA	Texas 77072 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PC1/0S2012/034013 :18/04/2012	1)HOLDERMAN Luke
No	:w0 2015/158086	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A flow control device for control of fluid flow through a tubular member comprises a control chamber having a piston disposed therein, where the piston is moveable from an open piston position to a closed piston position by the application of a first fluid pressure, and a valve chamber having a valve therein, where the valve is moveable from a closed valve position to an open valve position by the application of a second fluid pressure. A seal preventing fluid flow through the control chamber into the tubular member is formed in the closed piston position, and a flow path through the valve chamber and into the tubular member is formed in the open valve position.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

:A61B17/16,A61B17/82 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)SYNTHES GMBH** :61/616555 (32) Priority Date :28/03/2012 Address of Applicant : Eimattstrasse 3 CH 4436 Oberdorf (33) Name of priority country :U.S.A. Switzerland (86) International Application No :PCT/US2013/030681 (72)Name of Inventor: Filing Date :13/03/2013 1)KNUEPPEL Stefan (87) International Publication No :WO 2013/148173 2)SCHMITT Raymond (61) Patent of Addition to Application 3)KOCH Rudolf :NA Number 4)MARTELLA Arthur T. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : BONE FIXATION MEMBER SYSTEMS AND METHODS OF USE

(57) Abstract :

A bone fixation member can be configured to secure first and second bone segments of a target bone together in a compressed approximated position. The bone fixation member can include a strap made of a first material a locking head extending from a proximal end of the strap and a leader portion extending from a distal end of the strap. The locking head can have a housing and a strap receiving slot that extends through the housing slot is configured to receive a distal end of the strap. The housing can be tapered such that a distal end of the housing has a thickness that is greater than the thickness of a proximal end of the housing. The leader portion can be configured to be more flexible than the strap. The leader portion can be made of a second material that is different than the first material.

No. of Pages : 50 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : USE OF HUMULUS JAPONICUS EXTRACT FOR PREVENTING OR TREATING METABOLIC DISORDERS OR FATTY LIVER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:A23L1/29,A61K36/185,A61P3/00 :1020120023431 :07/03/2012 :Republic of Korea	 (71)Name of Applicant : 1)SUN Yuan Lu Address of Applicant :(Galhyun dong) 253 Galhyun ro Eunpyung gu Seoul 122 803 Republic of Korea
 (86) International Application No Filing Date (87) International Publication No 	:PCT/KR2013/001862 :07/03/2013 :WO 2013/133649	2)JEONG Ji Hoon (72)Name of Inventor : 1)SUN Yuan Lu 2)JEONG Ji Hoon
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Humulus japonicusHumulus japonicusHumulus japonicusHumulus japonicusHumulus japonicusHumulus japonicusHumulus japonicusHumulus japonicusThe present invention relates to the use of extract for preventing or treating metabolic disorders or fatty liver. More particularly the present invention relates to a functional health food containing extract as an active ingredient for preventing or improving metabolic disorders or for weight loss to a pharmaceutical composition containing extract as an active ingredient for preventing or treating metabolic disorders to a functional health food containing extract as an active ingredient for preventing or improving fatty liver and to a functional health food containing extract as an active ingredient for inhibiting the accumulation of visceral fat. The extract of the present invention may enable weight loss lower blood lipid levels and lower ALT and AST levels. Further the extract of the present invention has the effect of inhibiting the accumulation of visceral fat. The extract of the present invention can be used in preparing a functional health food providing the above described effects of preventing or improving metabolic disorders fatty liver the accumulation of visceral fat etc.

No. of Pages : 31 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HEAVY GOODS VEHICLE DRIVEN AXLE TYRE TREAD

(51) International classification	:B60C11/03,B60C11/12,B60C11/04	(71)Name of Applicant : 1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(31) Priority Document No	:1253170	MICHELIN
(32) Priority Date	:05/04/2012	Address of Applicant :12 Cours Sablon F 63000 Clermont
(33) Name of priority country	:France	Ferrand France
 (86) International Application No Filing Date (87) International Publication 	:PC1/EP2013/05/223 :05/04/2013	2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor : 1)RADULESCU Robert Ciprian 2)MARL JER Fabian
No	:WO 2013/150143	2)MARLIER Fabien 3)QUANTINET Benjamin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)ROLLAND Maxime
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

Tread (10) comprising at least two circumferential grooves (1 2 3 4) delimiting at least one intermediate row (11 12 13) and two edge rows (14 15); a plurality of transverse cuts formed on each of the rows; all of the grooves and of the cuts having a total volume Vco at most equal to 13% of the total volume of the tread; this tread further comprising channels (42 72 72 92 123 153) extending under the tread surface in the new state and intended to form new grooves when the tread becomes partially worn these channels having a total volume Vcc > 30% Vco the intermediate rows and edge rows are each provided with a plurality of transverse cuts distributed uniformly at a mean spacing Pi and Pe respectively these cuts having mean depths Di De respectively at least equal to 20% of the thickness PMU and at most equal to this same thickness PMU of material that can be worn away during driving on the edge rows the mean spacing Pi of the cuts is determined so as to satisfy the relationship 1.30 < Pe/De < 3.00; on the intermediate rows the mean spacing Pi of the cuts satisfies the relationship 1.00 < Pi/Di < 1.70 and Pe is greater than Pi.

No. of Pages : 23 No. of Claims : 8

(21) Application No.7758/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH CTE OPAL GLASS COMPOSITIONS AND GLASS ARTICLES COMPRISING THE SAME

(51) International classification	n:C03C3/112,C03C3/118,C03C4/00	(71)Name of Applicant :
(31) Priority Document No	:61/604862	1)CORNING INCORPORATED
(32) Priority Date	:29/02/2012	Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/028096 :27/02/2013	(72)Name of Inventor :1)MAURO John Christopher2)SMEDSKJAER Morten Mattrup
(87) International Publication No	:WO 2013/130668	3)VENKATARAMAN Natesan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Opal glass compositions and glass articles comprising the same are disclosed. In one embodiment, a glass composition includes 55 mol. % to 70 mol. % Si0 2 and 9 mol. % to 15 mol. % A120 as glass network formers. The glass composition also includes 10 mol. % to 15 mol. % alkali oxide M2O, wherein M is at least one of Na and K. The glass composition also includes 2 mol. % to 8 mol. % divalent oxide RO, wherein R is at least one of Zn, Ca, and Mg. As an opalizing agent, the glass composition may also include 8.5 mol. % to 16 mol. % F . The glass composition may also include 0 mol. % to 0.3 mol. % Sn02 as a fining agent and from about 0 mol. % to about 6 mol. % of colorant. The glass composition is free from As and compounds containing As.

No. of Pages : 30 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61B17/068	(71)Name of Applicant :
(31) Priority Document No	:13/421975	1)ETHICON INC.
(32) Priority Date	:16/03/2012	Address of Applicant :U.S. Route 22 P.O. Box 151 Somerville
(33) Name of priority country	:U.S.A.	NJ 08876 U.S.A.
(86) International Application No	:PCT/US2013/031532	(72)Name of Inventor :
Filing Date	:14/03/2013	1)SOULS Doug
(87) International Publication No	:WO 2013/138629	2)CARDINALE Michael
(61) Patent of Addition to Application	. NT A	3)AUER Brian
Number	:NA	4)COHN Simon
Filing Date	:NA	5)STRAEHNZ Jens Peter
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CLAMPING DEVICES FOR DISPENSING SURGICAL FASTENERS INTO SOFT MEDIA

(57) Abstract :

A clamping device for dispensing surgical fasteners includes a lower arm having a proximal end a distal end and a longitudinal axis extending between the proximal and distal ends and an upper arm pivotally connected with the lower arm. An actuator is coupled with the upper and lower arms for moving the distal ends of the arms toward one another for closing the clamping device. A surgical fastener dispenser is secured to the distal end of the lower arm. The dispenser includes a cartridge body having a top surface with a surgical fastener dispenser opening. A pad is pivotally connected to the distal end of the upper arm. When the clamping device is closed a bottom surface of the pad applies a clamping force upon the top surface of the cartridge body for dispensing one of the surgical fasteners at an angle that is perpendicular to the longitudinal axis.

No. of Pages : 54 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : REVERSE SHOULDER ORTHOPAEDIC IMPLANT HAVING AN ELLIPTICAL GLENOSPHERE COMPONENT

(51) I. (A C1E2/40	
(51) International classification	:A61F2/40	(71)Name of Applicant :
(31) Priority Document No	:13/431416	1)DEPUY SYNTHES PRODUCTS LLC
(32) Priority Date	:27/03/2012	Address of Applicant :325 Paramount Drive Raynham
(33) Name of priority country	:U.S.A.	Massachusetts 02767-0350 U.S.A.
(86) International Application No	:PCT/US2013/033128	(72)Name of Inventor :
Filing Date	:20/03/2013	1)LAPPIN Kyle E.
(87) International Publication No	:WO 2013/148438	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reverse shoulder orthopaedic implant includes a glenosphere component (12) having a lateral bearing surface (34) configured to articulate with a humeral cup (26) of a humeral prosthesis. A metaglene component (14) includes a platform (102) configured to receive glenosphere component.

No. of Pages : 43 No. of Claims : 19

(21) Application No.8249/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IONIC COMPOUNDS HAVING A SILYLOXY GROUP

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07F7/18,C07C311/48,C07F9/54 :2776178 :05/04/2012 :Canada :PCT/CA2013/050277 :05/04/2013 :WO 2013/149349	 (71)Name of Applicant : HYDRO QU‰BEC Address of Applicant :75 boul. Ren Lvesque Ouest Montral Qubec H2Z 1A4 Canada (72)Name of Inventor : KOZELJ Matjaz GUERFI Abdelbast TROTTIER Julie ZAGHIB Karim
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided an ionic compound having attached thereto a silyloxy group. There is also provided methods of making this ionic compound as well as electrolytes electrochemical cells and capacitors comprising this ionic compound.

No. of Pages : 85 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61M16/16	(71)Name of Applicant :
(31) Priority Document No	:598597	1)MONDIALE TECHNOLOGIES LIMITED
(32) Priority Date	:06/03/2012	Address of Applicant :17 Matipo Street Mt Eden Auckland
(33) Name of priority country	:New Zealand	New Zealand
(86) International Application No	:PCT/NZ2013/000028	(72)Name of Inventor :
Filing Date	:01/03/2013	1)AVERY Raymond John
(87) International Publication No	:WO 2013/133722	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : STERILIZATION AND HUMIDIFICATION APPARATUS AND INCUBATOR

(57) Abstract :

A sterilization and humidification apparatus includes a heating chamber a filter and a humidification chamber. The heating chamber heats a gas so as to sterilize the gas. The humidification chamber is adapted so that a liquid which has been filtered by the filter evaporates into the sterilized gas thereby causing the sterilized gas to cool and outputting a humidified gas at a desired temperature. The apparatus may include a bypass chamber to provide a path for the gas to bypass the humidification chamber. The apparatus may be adapted particularly for use in an incubator.

No. of Pages : 51 No. of Claims : 64

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOULD PROCESS AND APPARATUS FOR LASER ASSISTED GLASS FORMING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract : 	:C03B23/043,C03B23/045,C03B23/049 :10 2012 101 948.7 :08/03/2012 :Germany :PCT/EP2013/052704 :11/02/2013 :WO 2013/131720 ? :NA :NA :NA	 (71)Name of Applicant : 1)SCHOTT AG Address of Applicant :Hattenbergstrasse 10 55122 Mainz Germany (72)Name of Inventor : 1)RISCH Thomas 2)HASELHORST Georg 3)PLAPPER Volker
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(57) Abstract :

The invention is based on the object of reducing the outlay for adjustment when forming glass products for instance forming glass tubes to form syringe bodies. In order to heat the glass of a primary glass product (3) to be formed use is made of a laser (5) which emits light at a wavelength for which the glass of the primary glass product (3) is at most partly transparent such that the light is absorbed at least partially in the glass. The invention also relates to a mould (7) comprising a forming mandrel (75) wherein the forming mandrel (75) comprises a thermally stable ceramic material at least in that region which forms the contact surface with the glass during the forming process.

No. of Pages : 46 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BATTERY UNIT, BATTERY BODULE, POWER STORAGE SYSTEM, ELECTRONIC DEVICE, POWER SYSTEM, AND ELECTRIC VEHICLE

(51) International classification (31) Priority Document No	:H01M2/10,B60L11/18,H01M10/42 :2012071471	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(32) Priority Date	:27/03/2012	Japan
(33) Name of priority country	':Japan	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/JP2013/053600 :07/02/2013	1)ISSHIKI Ryota 2)INAKAWA Tetsuo 3)INDEN Munenori 4)TANABE Ryo 5)TONOMURA Yasuhiro 6)ENDO Naruhiko 7)ONO Hiroaki
Filing Date (62) Divisional to Application Number Filing Date	¹ :NA :NA	8)IKENO Junpei 9)YOSHIZAWA Noritsugu

(57) Abstract :

A galvanic module having a plurality of galvanic units arranged so that the principal surface of a galvanic cell and the surface of a heat transfer plate held by a galvanic support body made from an insulating material face each other the galvanic module being obtained by stacking the galvanic units. The galvanic units are positioned so that a facing arrangement is adopted for the galvanic support body made from an insulating material for holding the heat transfer plate as well as for the surface of the heat transfer plate and the principal surface of the galvanic cell.

No. of Pages : 56 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HEAT RESISTANT BEARING MATERIAL MADE OF AN AUSTENITIC IRON MATRIX ALLOY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)MAHLE INTERNATIONAL GMBH Address of Applicant :Pragstrae 26 46 70376 Stuttgart Germany (72)Name of Inventor : 1)STEINERT Lutz 2)WINTRICH Klaus
(87) International Publication	:WO 2013/131811	
 (61) Patent of Addition to Application Number Filing Date (2) Distributions (Application) 	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The invention relates to a heat-resistant bearing material made of an austenitic iron matrix alloy having a proportion of sulphur which is sufficient for achieving a solid lubricating action on the bearing surfaces thereof, a proportion of carbides which is sufficient for achieving a reduction in wear on the bearing surfaces thereof, and a proportion of 1 to 6% by weight of one or more of the alloying elements cobalt (Co), rhenium (Re), tatalum (Ta), vanadium (V), hafnium (f), yttrium (Y), zirconium (Zr), characterized by the following further alloying elements, in each case in % by weight: carbon (C) = 0.8 - 1.5; chromium (Cr) = 20 - 32; manganese (Mn) = 0 - 1.0; silicon (Si) = 1.5 - 3.5; nickel (Ni) = 12-25; molybdenum (Mo) = 0.5 - 5.5; niobium (Nb) = 0 - 3.5; tungsten (W) = 1.0 - 6.5; sulphur (S) = 0.15 - 0.5; copper (Cu) = 0 - 3.5; nitrogen (N) = 0 - 0.8 and iron (Fe) as remainder including unavoidable impurities.

No. of Pages : 9 No. of Claims : 4

(21) Application No.8211/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A41F1/00 :RM2012A000126 :29/03/2012 :Italy :PCT/IT2013/000093 :28/03/2013 :WO 2013/144990 :NA :NA :NA :NA	 (71)Name of Applicant : YOUAREU S.R.L. Address of Applicant :Via Giovanni Porzio Is. A/5 I 80143 Napoli Italy (72)Name of Inventor : FONZO Salvatore
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(54) Title of the invention : MAGNETIC REMOVABLE CLOSURE SYSTEM

(57) Abstract :

Magnetic Removable Closure System relates to all purpose closure system which is particularly designed and intended for use in clothing underclothing leather goods shoes any accessories and any other field of application. The present closure system permits to join. securely different components by attractive action of the magnets. It consists of three separate components as follows: Fixed part composed of at least one pocket (1) incorporated into the article(s) or fixed on the surface of the garment; Movable part composed of two or more flexible removable magnetic strips (10); Magnet or magnetic attractable member (25) which helps to insert or slide the magnetic strip (10) into the pocket (1).

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

(21) Application No.8212/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELECTRICAL POWER MOTOR GENERATOR EXCITED BY MAGNETIC TRANSFERENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K19/26,H02K21/42 :P201200334 :28/03/2012 :Spain :PCT/ES2013/070184 :21/03/2013 :WO 2013/144401 :NA :NA :NA	 (71)Name of Applicant : P‰REZ RODR□GUEZ Arturo Address of Applicant :Calle de Circe 9 Urbanizaci³n Pinar del Planto E 28220 Majadahonda (Madrid) Spain LPEZ MART□N Jos Luis (72)Name of Inventor : P‰REZ RODR□GUEZ Arturo LPEZ MART□N Jos Luis
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(57) Abstract :

The invention relates to an electrical power motor-generator excited by magnetic transference, and which further comprises a stator (1) and a rotor (2) with an external core (3) stationary relative to the stator and rotor, said external core (3) comprising: an outer axial part, or axial armature (6) 10 joined to the stator (1), an inner part that communicates through an air gap (4) with the rotor (2), a third part, disk (8), that joins the other two parts, where the rotor does not have any excitation coils, and hence no rings or collector brushes. The outer core (3) has an axial permanent magnet (12) and permanent magnets (10) on the outer axial part (6) thereof, and 15 electromagnets (11) in the other two parts or on the disk (8). The rotor does not have brushes to create a magnetic field, which is created by the magnets and coils of the outer core (3), the magnetic flow transmitting the induction flow to the rotating rotor, through an air gap, thus dispensing with rings and collector brushes.

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VEHICLE SEAT WITH A BELT BUCKLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60R22/26,A44B11/25,B60N2/58 :10 2012 013 081.3 :28/06/2012 :Germany :PCT/EP2013/062911 :20/06/2013 :WO 2014/001197	 (71)Name of Applicant : 1)JOHNSON CONTROLS GMBH Address of Applicant :Industriestrasse 20 30 51399 Burscheid Germany (72)Name of Inventor : 1)ASHTEKAR Bhagyesh 2)LEWIS Richard G. 3)SVENSSON Lennart
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a vehicle seat (1) comprising a backrest (10) and a seat part (2) which has a seat cushion (11) wherein the seat cushion (11) has at least one recess $(31 \ 32)$ for receiving at least one belt buckle $(21 \ 22 \ 23)$. The at least one recess $(31 \ 32)$ is partially delimited upwards in the vertical direction by a bridge (35).

No. of Pages : 22 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ASSEMBLY FOR SELECTING MATCHING COLOURS TO BASE COLOURS METHOD AND USER ARTICLE

(51) International classification	:B44D3/00,G01J3/52	(71)Name of Applicant :
(31) Priority Document No	:12161131.3	1)BRAND NEW IDEAS SARL
(32) Priority Date	:23/03/2012	Address of Applicant :Rue de Beggen 196 L 1220
(33) Name of priority country	:EPO	Luxembourg
(86) International Application No	:PCT/EP2013/055863	(72)Name of Inventor :
Filing Date	:20/03/2013	1)VETS Carita
(87) International Publication No	:WO 2013/139876	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Assembly (2) for selecting matching colours to base colours of user articles. The assembly comprises a substrate (4) provided with a plurality of selection areas (5) that have mutually differing selection colours. The assembly further comprises a cover (6) having a first main surface (8) provided with a first base colour and having a second main surface (9). The cover is provided with a window (10). The assembly is provided with holding means (12) for holding the cover to the substrate in a first cover position wherein by means of the window at least one selection area is exposed. The second main surface is provided with a second base colour. The window and the holding means are arranged for holding the cover to the substrate in a second cover position wherein by means of the window at least one selection area is exposed.

No. of Pages : 41 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : STEEL SHEET FOR CONTAINER AND METHOD FOR MANUFACTURING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	n:C23C28/00,B32B15/01,C25D5/26 :2012228196 :15/10/2012 :Japan :PCT/JP2013/077917 :15/10/2013 :WO 2014/061640 :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : HIRANO Shigeru TANI Yoshiaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This steel sheet for a container has a chromate coating layer or a Zr containing coating layer on top of a Ni plating layer wherein the Ni plating layer contains a Ni hydroxide and/or a Ni oxide the Ni plating layer is deposited in an amount of at least 0.3 g/m in terms of Ni and has the density of oxygen atoms due to the Ni hydroxide and the Ni oxide in the range of 1 10 at% the chromate coating layer is deposited in an amount of 1 40 mg/m in terms of Cr and the Zr containing coating layer is deposited in an amount of 1 40 mg/m in terms of Zr.

No. of Pages : 36 No. of Claims : 3

(21) Application No.8247/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AIR COMPRESSION SYSTEM AND METHOD (51) International classification :F25B9/06,B01D53/02,F25B9/14 (71)Name of Applicant : (31) Priority Document No :13/479678 1)PRAXAIR TECHNOLOGY INC. (32) Priority Date :24/05/2012 Address of Applicant :39 Old Ridgebury Road Danbury CT (33) Name of priority country :U.S.A. 06810 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2013/037748 No 1)HASHI Mohamed :23/04/2013 Filing Date 2)JOHNSON Michael C. (87) International Publication No:WO 2013/176816 3)ROYAL John (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An air compression system and method for an air separation plant in which air is compressed in a series of compression stages and a temperature swing adsorption unit adsorbs water vapor and carbon dioxide. The temperature swing adsorption unit is situated at a location of the compression stages such that air pressure upon entry into the adsorbent beds is between about 400 psia and about 600 psia. Each of the adsorbent beds of the unit have a minimum transverse cross sectional flow area that will set the air velocity of the air to a level below that at which adsorbent bed fluidization would occur. Such operation allows fabrication costs of the adsorbent beds to be reduced because less adsorbent and smaller adsorbent beds are required while power consumption will be at a minimum.

No. of Pages : 24 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF TELAPREVIR OR PHARMACEUTICALLY ACCEPTABLE SALTS OR SOLVATES AS WELL AS INTERMEDIATE PRODUCTS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D403/12 :12159923.7 :16/03/2012 :EPO :PCT/EP2013/055397 :15/03/2013 :WO 2013/135870 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANDOZ AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)FELZMANN Wolfgang 2)BRUNNER Stefanie 3)WILHELM Thorsten
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(57) Abstract :

The invention relates to a process for the preparation of telaprevir or a pharmaceutically acceptable salt or solvate thereof wherein the process requires a smaller number of process steps and/or does not require the use of toxic and instable compounds compared to the known processes. Another embodiment refers to telaprevir or a pharmaceutically acceptable salt or solvate thereof as well as to intermediate products for preparation of the same wherein the afore mentioned products are obtained by the process described herein.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION	N
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(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VECTOR QUANTIZER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F17/10,G06T9/00,H03M7/30 :61/617151 :29/03/2012 :U.S.A.	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/SE2012/051381 :12/12/2012	1)GRANCHAROV Volodya 2)JANSSON TOFTGRD Tomas
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/147667 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Vector Quantizer and method therein for efficient vector quantization e.g. in a transform audio codec. The method comprises comparing an input target vector s with a plurality of centroids each centroid representing a respective class of codevectors in a codebook. Further a starting point for a search related to the input target vector in the codebook is determined based on the result of the comparison. The codevectors in the codebook are sorted according to a distortion measure reflecting the distance between each codevector and the centroids of the classes. The Vector Quantizer and method enables that the class of codevectors comprising the most probable candidate codevectors in regard of the input vector. s may be searched first.

No. of Pages : 33 No. of Claims : 16

(21) Application No.8266/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPONENT AND METHOD FOR TREATING VIRAL DISEASE :A61K45/00,A61P31/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)INSTITUT PASTEUR OF SHANGHAI CHINESE :201210062620.9 (32) Priority Date :09/03/2012 ACADEMY OF SCIENCES Address of Applicant :411 Hefei Road Shanghai 200025 China (33) Name of priority country :China (86) International Application No :PCT/CN2013/072402 (72)Name of Inventor : Filing Date :11/03/2013 1)RALF Altmeyer (87) International Publication No :WO 2013/131496 2)REN Peijun (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a component and a method for treating a viral disease. A new use for a P2X receptor antagonist is disclosed for the first time said use being preparation of a composition for treating a viral infectious disease. The P2X receptor antagonist by means of inhibiting a virus can be used to prevent or treat hand foot and mouth disease.

No. of Pages : 87 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NETWORK BASED PLATFORM FOR STORING. TRACKING SHARING AND SELECTION OF CONSUMER DEFINED PREFERENCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q30/00 :61/621490 :07/04/2012 :U.S.A. :PCT/IB2013/001058 :28/03/2013 :WO 2013/150381 :NA :NA :NA	 (71)Name of Applicant : 1)MYPREF DIGITAL SERVICES PRIVATE LIMITED Address of Applicant :582 M G Road Indore Madhya Pradesh 452001 Madhya Pradesh India (72)Name of Inventor : 1)CHHAJLANI Abhishek
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(57) Abstract :

A system and method of enabling user defined preference based retail shopping configured to be directed external from the user A user defines his own preferences and then utilizes a network connected mobile device to seek out bricks and mortar establishments where these preferred products/ services may be found. Thus instead of focusing on ways a merchant can reach targeted consumers this system and method empowers the user to define his own preferences and make this information known to the retailers. A user develops a set of product/ service preferences that are entered and updated to a network service platform via his mobile device. A user may make a recommendation about a product or service to someone in his retail network where the recommendation is defined as referral.

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

(21) Application No.8268/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H03K17/28,H03K17/30 :61/608759 :09/03/2012 :U.S.A. :PCT/US2013/029845 :08/03/2013 :WO 2013/134628	 (71)Name of Applicant : 1)CURTISS WRIGHT ELECTRO MECHANICAL CORPORATION Address of Applicant :1000 Wright Way Cheswick PA 15024 1300 U.S.A. (72)Name of Inventor : 1)AIELLO Marc Francis 2)BEPTON Kenneth Stephen
(86) International Application No	:PCT/US2013/029845	1300 U.S.A.
(87) International Publication No		1)AIELLO Marc Francis
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)BERTON Kenneth Stephen 3)BARIE Walter Gilbert
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : M2LC SYSTEM AND METHOD FOR CONTROLLING SAME

(57) Abstract :

A modular multilevel converter system. The system includes a plurality of series connected two terminal M2LC cells arranged into at least two output phase modules. A first one of the output phase modules has an inductance and an effective capacitance associated therewith. The first one of the output phase modules is configured so that a natural resonant frequency of the inductance with the effective capacitance of the first one of the output phase modules is greater than at least one of the following: an operating frequency of the first one of the output phase modules; a switching frequency of the first one of the M2LC cells of the first one of the output phase modules.

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR OPERATING A SURROUNDINGS DETECTION SYSTEM OF A VEHICLE AND SURROUNDINGS DETECTION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:10 2012 211 293.6 :29/06/2012 :Germany :PCT/EP2013/060077 :15/05/2013 :WO 2014/000956	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)SCHUHMANN Michael
(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 method for operating a surroundings detection system (1) of a vehicle comprising at least one transmitting/receiving unit (2). The transmitting/receiving unit (2) transmits frequency modulated signals and the transmitting/receiving unit (2) and/or one or more additional transmitting/receiving units (2) receive echo signals of the transmitted signals. The echo signals are filtered such that components of bottom echo signals are suppressed. The invention additionally relates to a surroundings detection system (1) of a vehicle comprising at least one transmitting/receiving unit (2) which is designed to transmit and receive frequency modulated signals and comprising a filter device (3) which is coupled to the transmitting/receiving unit (2) such that received echo signals can be ran through the filter device (3) said filter device (3) being designed to suppress components of bottom echo signals.

No. of Pages : 20 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F01K7/24	(71)Name of Applicant :
(31) Priority Document No	:12161881.3	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:28/03/2012	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:EPO	Baden Switzerland
(86) International Application No	:PCT/IB2013/052371	(72)Name of Inventor :
Filing Date	:26/03/2013	1)ENAULT Christian
(87) International Publication No	:WO 2013/144821	2)DREISLER Philippe
(61) Patent of Addition to Application Number	:NA	3)GAUVILLE Pierre
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : CIRCULATING FLUIDIZED BED BOILER DEVICE

(57) Abstract :

The invention relates to a boiler device (1) comprising: - a circulating fluidized bed boiler (5), in which a combustion is used for producing steam, - a high pressure turbine (2) in which enters the steam produced in the boiler (5), - a middle pressure turbine (3) in which is supplied steam from the high pressure turbine (2), characterized in that the device (1) further comprises a heat exchanger for transferring heat from steam flowing upstream the high pressure turbine (2) to steam flowing between the high pressure turbine (2) and the middle pressure turbine (3).

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

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F01D25/30	(71)Name of Applicant :
(31) Priority Document No	:12162686.5	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:30/03/2012	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:EPO	Baden Switzerland
(86) International Application No	:PCT/EP2013/056263	(72)Name of Inventor :
Filing Date	:25/03/2013	1)HOFMANN Willy Heinz
(87) International Publication No	:WO 2013/144081	2)SCHAEFER Philipp
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) All stars at $($		1

(54) Title of the invention : EXHAUST DIFFUSER FOR A GAS TURBINE

(57) Abstract :

An exhaust diffuser for a gas turbine comprises an annular duct (1). A row of struts (6) is arranged in the duct. In a region downstream of the trailing edges (TE) of the struts (6), the cross-sectional area of the duct decreases to a local minimum (M) and then increases again I towards the outlet end (3) of the duct. Thereby the gas flow is locally accelerated downstream of the struts. This stabilizes the boundary layer of the flow in this region and leads to a marked increase in pressure recovery for a wide range of operating conditions.

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

(21) Application No.7826/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CIRCULATING FLUIDIZED BED BOILER		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	n :F23C10/10,F23M5/08,F22B21/40 :12160406.0 :20/03/2012 :EPO :PCT/IB2013/052166 :19/03/2013 :WO 2013/140332 :NA :NA :NA	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)PITON Anthony 2)CROUTAZ Pierre 3)GAUVILLE Pierre 4)DARLING Scott L.

(57) Abstract :

The invention relates to a circulating fluidized bed boiler (1) comprising a combustion chamber (2), characterized in that the combustion chamber (2) comprises: - first heat transfer surfaces (7) forming at least one vertical chamber extending from a lower part (5) of the combustion chamber (2), and - second heat transfer surfaces (8) having an inlet part and an outlet part which extend both from an upper part (6) of the combustion chamber (2), said second heat transfer surfaces (8) being fixed to vertical chambers (7).

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

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INSULATING TAPE MATERIAL METHOD FOR PRODUCTION AND USAGE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor : 1)EDER Florian 2)GR-PPEL Peter 3)PREIBISCH Michael 4)ROHR Claus
	:NA :NA	

(57) Abstract :

The invention relates to an insulating tape material a method for production and usage thereof particularly one for producing electrical insulation paper such as mica paper which is contained in thermally conductive insulating tapes that are used for high voltage insulation for example. The insulating tape material has fibre reinforcement by means of a fabric wherein the meshes of the fabric are filled by a particle composite which is preferably thermally conductive.

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

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SINGLE SCREW EXTRUDER HAVING A GROOVED INFEED SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/EP2013/058059 :18/04/2013	 (71)Name of Applicant : 1)KRAUSSMAFFEI TECHNOLOGIES GMBH Address of Applicant :Krauss Maffei Str. 2 80997 M¼nchen Germany (72)Name of Inventor : 1)SCHNEIDER Florian Johannes 2)PAPE Jens
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ¹ :NA :NA	

(57) Abstract :

The invention relates to a single screw extruder comprising a grooved infeed system a cylinder and an extruder screw rotatably supported in the cylinder. The extruder screw has a softening zone (10) a main plasticizing zone (14) and a post plasticizing zone and is at least double threaded (18 20) in the area of the main plasticizing zone (14). According to the invention in order to provide such a single screw extruder that enables improved melting effect and also increased throughput reduced melting temperature and improved pressure build up capability the cylinder at least partially has at least one groove extending substantially in the longitudinal direction in the region of the main plasticizing zone (14).

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLACENTAL STEM CELLS METHODS FOR ISOLATING SAME AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:C12N5/0735,A61K35/12,A61K35/50 :61/607150 :06/03/2012 :U.S.A. :PCT/CA2013/050167 :06/03/2013 :WO 2013/131192 :NA :NA	 (71)Name of Applicant : 1)SCT&B INC. Address of Applicant :9 rue Wellington Sud bureau 202 Sherbrooke (Qubec) J1H 5C8 Canada (72)Name of Inventor : 1)ARIS Aziz
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present description relates to an isolated population of human placental pluripotent stem cells or an isolated human placental pluripotent stem cell positive for human leucocyte antigen G (HLA G) a migration marker and at least one pluripotent stem cell marker. The present description further provides a method for isolating human placental pluripotent stem cells. The method comprising: extracting cells from a human placenta; and isolating cells positive for human leucocyte antigen G (HLA G) a migration marker and at least one pluripotent stem cell marker and use thereof. On the other hand it is likely that this present description is 10 applicable to primates and other animals.

No. of Pages : 36 No. of Claims : 48

(21) Application No.8219/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ROAD SURFACE STATE ESTIMATION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60W40/072,B60G17/018,B60W10/22 :NA :NA :NA :PCT/JP2012/002206 :29/03/2012 :WO 2013/145015 :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)SUGAI Haruhiko 2)NAKAMURA Tomoyuki
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(57) Abstract :

A camera (20) captures an image of an area including a preceding vehicle. A wheel information acquisition unit (112) detects position information of a wheel of the preceding vehicle in the captured image, specifically the boundary between the wheel of the preceding vehicle and the road surface. This boundary detection process is performed 1 o by utilizing a brightness difference between the wheel andthe road surface. A camera posture correction unit (114)corrects the detected boundary by a self-calibration function. A road surface state estimation unit (116)estimates the state of the road surface on which the 15 preceding vehicle is running on the basis of the corrected boundary.

No. of Pages : 31 No. of Claims : 5

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H02M3/155	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOSHIBA MITSUBISHI ELECTRIC INDUSTRIAL
(32) Priority Date	:NA	SYSTEMS CORPORATION
(33) Name of priority country	:NA	Address of Applicant :3 1 1 Kyobashi Chuo ku Tokyo
(86) International Application No	:PCT/JP2012/056367	1040031 Japan
Filing Date	:13/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/136428	1)KINOSHITA Masahiro
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : REACTOR AND POWER SUPPLY APPARATUS USING SAME

(57) Abstract :

A reactor (1) is provided with an annular iron core (2) and four coils (C1 C4) which are individually wound on the iron core (2). The first electrodes of the four coils (C1 C4) are connected to the output terminals of the four choppers (11 14) respectively and the second electrodes of the four choppers are connected to a load (15). Consequently the four choppers (11 14) can be connected in parallel to the load (15) by means of the one reactor (1).

No. of Pages : 28 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MIXING CHANNEL FOR AN INHALATION DEVICE AND INHALATION DEVICE

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:A61M11/06,A61M15/00,A61M15/06 :12158852.9 :09/03/2012	 (71)Name of Applicant : 1)VECTURA GMBH Address of Applicant :Wohraer Strasse 37 35285 Gem¹/₄nden Germany
(33) Name of priority country	:EPO	(72)Name of Inventor : 1)MLLINGER Bernhard
(86) International Application No Filing Date	:PCT/EP2013/054705 :08/03/2013	2)HUBER Martin 3)KOLB Tobias 4)HARTMANN Monika
(87) International Publication No	:WO 2013/132056	
(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 mixing channel for an inhalation device and in particular to a mixing channel with improved injection and mixing properties for injecting and mixing a liquid drug into an air flow streaming in the mixing channel thereby producing an aerosol to be inhaled by a patient. One aspect of the invention relates to a mixing channel for an inhalation device comprising an inlet opening an outlet opening and an injection zone located between the inlet opening and the outlet opening wherein the injection zone has a longitudinal center axis wherein the injection zone comprises (a) a built in nebulizer or (b) a detachable nebulizer or (c) a member adapted to receive a detachable nebulizer wherein the effective cross sectional area of the mixing channel in a plane perpendicular to the longitudinal center axis is smaller in the injection zone than upstream of the injection zone.

No. of Pages : 31 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HEAT TRANSFER TUBE AND METHOD FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C22C21/00,B23K1/00,B23K1/19 :2012072302 :27/03/2012 :Japan :PCT/JP2013/058591 :25/03/2013 :WO 2013/146686	 (71)Name of Applicant : 1)MITSUBISHI ALUMINUM CO. LTD. Address of Applicant :3 3 Shiba 2 chome Minato ku Tokyo 1058546 Japan (72)Name of Inventor : 1)FURUMURA Hiroki 2)HYOGO Yasunori
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

In the present invention a heat transfer tube has the following: a tube body formed from an extruded material of an aluminum alloy comprising by mass% 0.3 to less than 0.8% of Mn greater than 0.1 but less than 0.32% of Si 0.3% or less of Fe and 0.06 to 0.3% of Ti such that the ratio (Mn%/Si%) of the Mn content and the Si content exceeds 2.5 with the balance being Al and inevitable impurities; and a Zn containing layer disposed on the outer surface of the tube body.

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

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR OPERATING A COMMON RAIL INJECTION SYSTEM

(57) Abstract :

The invention relates to a method for operating a common rail injection system of an internal combustion engine. According to the invention each main fuel injection (311, 312) is preceded by at least one pilot injection activation (321, 331) and at least one pilot injection activation (331) is carried out over such a short period of time that it does not result in an injection valve of the common rail injection system opening and closing.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TAILORED BLANK FOR HOT STAMPING HOT STAMPED MEMBER AND PROCESSES FOR PRODUCING SAME

(51) International classification	:C22C38/00,B23K26/20,C22C38/06	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL
(31) Priority Document No	:2012-074222	CORPORATION
(32) Priority Date	:28/03/2012	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	/ :Japan	Tokyo 1008071 Japan
(86) International Application	¹ .DCT/ID2012/050297	(72)Name of Inventor :
No	:28/03/2013	1)MIYAZAKI Yasunobu
Filing Date		2)NAITO Yasuaki
(87) International Publication	WO 2013/147035	3)KAWASAKI Kaoru
No		4)YOSHINAGA Takahiro
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	n. _{NIA}	
Number	:NA	
Filing Date	.11A	

(57) Abstract :

This tailored blank for hot stamping has a weld zone formed by butt welding a first aluminum coated steel sheet to a second aluminum coated steel sheet wherein: the average Al concentration of the weld metal in the weld zone is 0.3 to 1.5 mass%; the Ac temperature of the weld metal is 1250°C or lower; and an aluminum layer formed in the butt welding is present on the surface of the weld zone.

No. of Pages : 67 No. of Claims : 16

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : STATIC FILTER SCREEN		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D29/46 :1203332.0 :27/02/2012 :U.K. :PCT/GB2013/050454 :25/02/2013 :WO 2013/128171 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WATER POWERED TECHNOLOGIES LIMITED Address of Applicant :14a Kingshill Industrial Estate Bude Cornwall EX23 8QN U.K. (72)Name of Inventor : 1)SELWYN Frederick Philip

(57) Abstract :

Stackable screening plates (3) with radial screening apertures (10) are carried on a tubular shaft having an axial key. The plates have a choice of keyways (14, 15) allowing the plates to be stacked in alternate angular positions. Spring tongues (16) formed integrally with the plates provide uniform but adjustable mutual spacing.

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E02B9/00 :2012115407 :17/04/2012 :Russia :PCT/RU2013/000070 :01/02/2013 :WO 2013/157991 :NA :NA	 (71)Name of Applicant : 1)KAZANTSEV Andrey Nikolaevich Address of Applicant :ul. Vernosti 48 kv. 12 St.Petersburg 195273 Russia (72)Name of Inventor : 1)KAZANTSEV Andrey Nikolaevich
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : AERO HYDROELECTRIC POWER STATION

(57) Abstract :

The invention relates to hydroelectric power and can be used for capturing the energy stored in atmospheric moisture at any location in the world. The aim of the invention consists in increasing the functional possibilities and increasing the specific power of a hydroelectric power station by using a maximum possible drop in height between the head race and the tail race (from the height of condensation of atmospheric moisture to ground level). The main additional functional possibility of such an aero hydroelectric power station consists in that it can operate virtually anywhere whilst taking up a very small amount of space on the ground and can even be mobile. Moreover it makes it possible to produce at any location clean water for drinking and irrigation without causing any damage to the environment as a result of comparatively small hydro flows. The device comprises a tail race (1) a head race (2) a water conduit (3) a turbogenerator (4) meshed woven or film surfaces (5) a dirigible (6) and fastening cables (7). The dirigible (6) raises the surface (5) to a height above the dew point for these atmospheric conditions (usually this is 2 - 3 km). There the supercooled atmospheric moisture starts to condense actively (starts to be collected) on the surfaces (5). A drainage system on the surfaces (5) directs this water away into a small reservoir (head race 2) from where the water under the pressure of the total drop in height passes along the water conduit (3) into the tail race (1) on the ground thereby producing electrical energy in the turbogenerator (4).

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : NATURAL OIL BASED GELS APPLICATIONS AND METHODS OF PREPARATION

(51) International classification	n:C11C3/00,C07C61/35,C07C57/13	(71)Name of Applicant :
(31) Priority Document No	:61/603253	1)ETHOX CHEMICALS INC.
(32) Priority Date	:25/02/2012	Address of Applicant :1801 Perimeter Rd. Greenville SC
(33) Name of priority country	:U.S.A.	29605 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/027698 :25/02/2013	(72)Name of Inventor : 1)TANNER James T.
(87) International Publication No	:WO 2013/126916	
(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 novel non aqueous gels of natural oils and their derivatives and provides a novel process for the gelation of natural oils and their derivatives that does not require the addition of gellants or the irreversible heat bodying of the oil. The gels and method of the present invention are applicable to a wide range of natural oils and the method is easily tailored to provide thermoreversible gels of any desired viscosity. The natural oil based gels of the present invention and the method of their preparation have many advantages over the prior art. The natural oil based gels provided have exemplary properties and find use in a variety of applications.

No. of Pages : 36 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PTODUCTION METHOD FOR FROZEN NOODLES AND COMPOSITION FOR PREVENTING FREEZER BURN

(51) International classification	:A23L1/16	(71)Name of Applicant :
(31) Priority Document No	:2012111539	1)NISSHIN FOODS INC.
(32) Priority Date	:15/05/2012	Address of Applicant :25 Kandanishikicho 1 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1018441 Japan
(86) International Application No	:PCT/JP2013/060499	(72)Name of Inventor :
Filing Date	:05/04/2013	1)IRIE Kentarou
(87) International Publication No	:WO 2013/172118	2)SUGA Youhei
(61) Patent of Addition to Application	:NA	3)KOIZUMI Norio
Number	:NA :NA	4)WATANABE Takenori
Filing Date	.NA	5)MIYA Youichirou
(62) Divisional to Application Number	:NA	6)YOSHIDA Tsuguhiko
Filing Date	:NA	

(57) Abstract :

Provided is a frozen noodle that exhibits a low occurrence of freezer burn. The production method for this frozen noodle includes: a step in which a composition that contains at least water oil/fat and a polysaccharide thickener and that has a viscosity of 30 2000 mPa·s at 60 °C is affixed to cooked noodles; and a step in which the noodles to which the composition has been affixed are frozen.

No. of Pages : 30 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LED LIGHTING COLUMN AND LED LAMP USING SAME

 (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/CN2013/072411 :11/03/2013 :WO 2013/135153 :NA :NA	 (71)Name of Applicant : 1)ZHEJIANG LEDISON OPTOELECTRONICS CO LTD. Address of Applicant :No.202 Room No.531 Jiaogong Road Xihu District Hangzhou Zhejiang 310012 China (72)Name of Inventor : 1)GE Shichao 2)GE Xiaoqin 3)LIU Huabin
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(57) Abstract :

An LED lighting column (1) and an LED lamp using same. The LED lighting column (1) comprises a high thermal conductivity tube (10) and at least one string of LED chips (11) provided on the outer surface of the high thermal conductivity tube (10). The LED lamp comprises a transparent bulb shell (3) which is vacuum sealed and filled with thermally conductive protecting gas an LED driver (4) and an electric connector (6). The LED lighting column (1) is fixed in the bulb shell (3). The electric lead wires (13) of the LED lighting column (1) are connected with an external power supply via the driver (4) and the electric connector (6). The LED lamp can be a single bulb shell lamp a multi tube lamp or a U shaped lamp.

No. of Pages : 36 No. of Claims : 26

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CARBAPENEM ANTIBIOTIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D477/20 :1371/CHE/2012 :04/04/2012 :India :PCT/IN2013/000229 :04/04/2013 :WO 2013/150550 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ORCHID CHEMICALS & PHARMACEUTICALS LIMITED Address of Applicant :Orchid Towers 313 Vallurvarkottam High Road Nungambakkam Chennai 600 034 Andhra Pradesh India (72)Name of Inventor : 1)UDAYAMPALAYAM PALANISAMY Senthilkumar 2)KANAGARAJ Sureshkumar 3)KOMMOJU Nagesh Babu 4)HENRY Syril Sudhan 5)PONRAJ Pravin Kamaraj 6)THANGAIYAN Suresh
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(57) Abstract :

The present invention provides an improved process for the preparation Ertapenem monosodium of formula (I) having purity greater than 98.5% and having pharmaceutically acceptable level of palladium and residual solvent. (I)

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C08G64/20	(71)Name of Applicant :
(31) Priority Document No	:2012078641	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:30/03/2012	Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008251 Japan
(86) International Application No	:PCT/JP2013/059671	(72)Name of Inventor :
Filing Date	:29/03/2013	1)NISHIHARA Ryouhei
(87) International Publication No	:WO 2013/147223	2)HYOUDOU Narutoshi
(61) Patent of Addition to Application	:NA	3)YAMAMOTO Masanori
Number	:NA :NA	4)KUMAZAWA Katsuhisa
Filing Date	.NA	5)SHIBATA Hiroki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		ł

(54) Title of the invention : METHOD FOR MANUFACTURING POLYCARBONATE RESIN

(57) Abstract :

Provided is a method for manufacturing a polycarbonate resin that is capable of keeping the quality thereof wherein the formation of foreign matters is prevented and therefore the obtained polycarbonate resin is hardly contaminated with foreign matters. The method for manufacturing a polycarbonate resin whereby the polycarbonate resin is continuously manufactured by employing a plurality of reaction devices characterized in that at least one of the reaction devices said reaction device being designed so that the viscosity average molecular weight of the polycarbonate resin at the outlet of the reaction device attains 10 000 or greater is provided with an agitation axis and a scraper.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING A COATED SUBSTRATE

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1253524 :17/04/2012 :France :PCT/FR2013/050813 :15/04/2013 :WO 2013/156721 :NA :NA	 (71)Name of Applicant : 1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor : 1)MIMOUN Emmanuel 2)BILAINE Matthieu
(62) Divisional to Application	:NA :NA	

(57) Abstract :

The invention relates to a method for producing a substrate provided with a coating on at least a portion of at least one of the surfaces thereof including a step of depositing said coating onto said substrate then a step of heat treating said coating using pulsed or continuous laser radiation focused on said coating in the form of at least one laser line the wavelength of which is within a range of 400 to 1500 nm said heat treatment being configured such that a relative displacement movement is generated between the substrate and the or each laser line the speed of which is at least 3 meters per minute the or each laser line having a beam quality factor (BPP) of at most 3 mm mrad and measured at the point at which the or each laser line is focused on said coating a linear power divided by the square root of the duty cycle of at least 200 W/cm a length of at least 20 mm and a distribution of widths along the or each line such that the mean width is at least 30 micrometers and the difference between the largest width and the smallest width is at most 15% of the value of the mean width.

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING FERTILIZER IN GRANULAR FORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C05C7/02 :2012114061 :10/04/2012 :Russia :PCT/RU2013/000317 :04/04/2013 :WO 2013/154470 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OTKRYTOE AKTSIONERNOE OBSCHESTVO RESEARCH & DESIGN INSTITUTE OF UREA AND ORGANIC SYNTHESIS PRODUCTS (OAO NIIK) Address of Applicant :Griboedov Street 31 Nizhny Novgorod Region Dzerzhinsk 606008 Russia (72)Name of Inventor : 1)BESEDIN Aleksei Borisovich 2)SHNEPP Yury Borisovich 3)BAKLAN Georgy Sergeevich 4)DUNAEVA Olga Aleksandrovna 5)RODIONOV Aleksandr Sergeevich 6)KIZIMENKO Valentina Leonidovna 7)PROKOPYEV Aleksandr Alekseevich 8)KUZNETSOV Nikolai Mikhailovich
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(57) Abstract :

The invention relates to methods and apparatuses for producing fertilizers in granular form for example carbamide and ammonium nitrate. The fertilizer in granular form is produced by means of dispersing fertilizer melt in a volume of a granulating tower where drops of melt formed are cooled and are hardened when coming into contact with the rising flow of air. The granules produced are cooled in a separate fluidized bed apparatus with a horizontal movement of granules. In the fluidized bed apparatus separate removal of dust filled air is performed from at least two zones of the apparatus wherein the dust filled cooling air from the first zone of the apparatus in the direction of passage of the granules is directed into a device for purifying the dust filled air and the dust filled cooling air from the subsequent zones of the apparatus is directed into the granulating tower. The technical result consists in reducing the volume of dust filled air arriving for purification from the fluidized bed apparatus and reducing the energy losses and costs involved in the purification of this air as a result.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYMERS THE PROCESS FOR THE SYNTHESIS THEREOF AND COMPOSITIONS COMPRISING SAME

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G63/16,C08G63/181,C08G63/42 :1252914 :30/03/2012 :France :PCT/FR2013/050700 :29/03/2013 :WO 2013/144525 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROQUETTE FRERES Address of Applicant :1 rue de la Haute Loge F 62136 Lestrem France (72)Name of Inventor : 1)JACQUEL Nicolas 2)SAINT LOUP Ren 3)FENOUILLOT RIMLINGER Fran§oise 4)PASCAULT Jean Pierre 5)ROUSSEAU Alain
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(57) Abstract :

The present invention relates to copolymers in particular poly(butylenesuccinate co furanoate) (PBSF) copolymers which have advantageous mechanical properties and also to polymeric compositions comprising them. It also relates to a process for preparing these polymers.

No. of Pages : 47 No. of Claims : 15

(21) Application No.8302/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:H01M6/04,H01M6/14	(71)Name of Applicant :
(31) Priority Document No	:61/623723	1)ARKEMA INC.
(32) Priority Date	:13/04/2012	Address of Applicant :900 First Avenue King of Prussia
(33) Name of priority country	:U.S.A.	Pennsylvania 19406 U.S.A.
(86) International Application No	:PCT/US2013/035716	(72)Name of Inventor :
Filing Date	:09/04/2013	1)SMITH Gary S.
(87) International Publication No	:WO 2013/155038	2)WANG Lijuan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BATTERY BASED ON ORGANOSULFUR SPECIES

(57) Abstract :

Metal sulfur batteries such as lithium sulfur batteries are prepared using one or more organosulfur species such as organic polysulfides and organic polythiolates as part of the liquid or gel electrolyte solution as part of the cathode and/or as part of a functionalized porous polymer providing an intermediate separator element.

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

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : EXTRUSION PRESS MACHINE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21C27/00,B21C27/04 :2012091896 :13/04/2012 :Japan :PCT/JP2013/054942 :26/02/2013 :WO 2013/153861 :NA :NA :NA :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)YAMAMOTO Takeharu 2)EMOTO Yukio

(57) Abstract :

This extrusion press device is provided with an end platen dies a container and a container cylinder that causes the container to advance/retreat. A stem for pressing a billet in the container engages a main cylinder provided to the tip end and is provided in a manner so as to be able to slide forwards and backwards. Provided are: a plurality of hydraulic valves that supply to the container cylinder pressure oil within the main cylinder operating before the step for pressing a billet and the container moving to retreat during the discharge of compressed air within the cylinder after upsetting the billet; and a hydraulic valve that discharges the pressure oil within the main cylinder one at ank. The hydraulic valves are connected by means of hydraulic tubing and the main cylinder and the container cylinder can interconnect.

No. of Pages : 16 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FIBRE REACTIVE DYES THEIR PREPARATION AND THEIR USE (51) International classification :C09B62/44 (71)Name of Applicant : (31) Priority Document No 1)HUNTSMAN ADVANCED MATERIALS :12172247.4 (32) Priority Date :15/06/2012 (SWITZERLAND) GMBH (33) Name of priority country Address of Applicant :Legal Services Department :EPO (86) International Application No :PCT/EP2013/060759 Klybeckstrasse 200 CH 4057 Basel Switzerland (72)Name of Inventor: Filing Date :24/05/2013 (87) International Publication No :WO 2013/186029 **1)ROENTGEN Georg** (61) Patent of Addition to Application 2)GRACIET Jean Christophe :NA Number **3)HILDEBRAND Rainer** :NA Filing Date **4)FEKETE Laszlo** (62) Divisional to Application Number :NA 5)SCHMIDLIN Marie Filing Date 6)CHRISTNACHER Hubert Jean Luc :NA

(57) Abstract :

Reactive dyes of formula (1) wherein Q and Q are each independently of the other hydrogen or unsubstituted or substituted C Calkyl A is the radical of a monoazo polyazo metal complex azo anthraquinone phthalocyanine formazan or dioxazine chromophore X is halogen 3 or 4 carboxypyridin 1 yl or 3 or 4 carboamylpyridin 1 yl Y is vinyl or a radical CH CH U and U is a group removable under alkaline conditions and q is the number 1 or 2 are suitable for dyeing and printing cellulosic or amide group containing fibre materials.

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F17C3/04,F17C3/00	(71)Name of Applicant :
(31) Priority Document No	:2012055912	1)IHI CORPORATION
(32) Priority Date	:13/03/2012	Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo
(33) Name of priority country	:Japan	1358710 Japan
(86) International Application No	:PCT/JP2013/055096	(72)Name of Inventor :
Filing Date	:27/02/2013	1)SHIOMI Hiroshi
(87) International Publication No	:WO 2013/136980	2)TAKAHASHI Masaki
(61) Patent of Addition to Application	:NA	3)SUZUKI Hidenori
Number	:NA :NA	4)NAGUMO Satoru
Filing Date	INA	5)IWANO Akira
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : BLANKET INSTALLATION METHOD AND BLANKET UNIT

(57) Abstract :

This blanket installation method has: a conveyance step for suspending and conveying a blanket unit (1) which is formed by integrally joining a blanket (2) and a conveyance jig (3) into the gap between the inner tank (60) and the outer tank (50) of a tank having a double shell structure; and a mounting step for mounting the blanket unit (1) to a side plate of the inner tank (60). The conveyance jig (3) is formed by mounting a blanket affixation pin (34) to the jig body (3A) by a pin joint. The blanket (2) is held by the blanket affixation pin (34).

No. of Pages : 26 No. of Claims : 4

(21) Application No.8262/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(**)		
(51) International classification	:G01N27/20,B66B7/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant : Ten Farm Springs Road Farmington
(33) Name of priority country	:NA	Connecticut 06032 U.S.A.
(86) International Application No	:PCT/US2012/031824	(72)Name of Inventor :
Filing Date	:02/04/2012	1)GARFINKEL Michael
(87) International Publication No	:WO 2013/151525	2)MARVIN Daryl J.
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CALIBRATION OF WEAR DETECTION SYSTEM

(57) Abstract :

A method of wear detection of a coated belt or rope includes measuring an initial electrical resistance of one or more cords strands or wires of the coated belt or rope. The initial electrical resistance is calibrated by repeating the measuring of initial electrical resistance and populating a database with the measured initial electrical resistance values. A true initial resistance is determined from the population of initial electrical resistances and subsequent measured values of electrical resistance of the one or more cords strands or wires of the coated belt or rope.

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELEVATOR SYSTEM USING DUAL COMMUNICATION CHANNELS :B66B1/06,B66B1/18 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)OTIS ELEVATOR COMPANY** :NA (32) Priority Date Address of Applicant : Ten Farm Springs Road Farmington :NA Connecticut 06032 U.S.A. (33) Name of priority country :NA (86) International Application No :PCT/US2012/031928 (72)Name of Inventor : Filing Date :03/04/2012 1)MARVIN Daryl J. (87) International Publication No :WO 2013/151533 2)JAYACHANDRAN Vijay (61) Patent of Addition to Application **3)LERNER Bruce P.** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An elevator control system includes at least one destination entry fixture coupled to a controller area network (CAN) bus that provides a first communication channel the at least one destination entry fixture operable to transmit destination information over the CAN bus; a plurality of elevator car controllers each associated with a respective elevator car the plurality of elevator car controllers coupled to the CAN bus to receive the destination information; the plurality of elevator car controllers coupled to a ring network that provides a second communication channel; and a group controller operable to determine an elevator car to be dispatched in response to receiving the destination information.

No. of Pages : 15 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C11B1/10,C11B3/12	(71)Name of Applicant :
(31) Priority Document No	:61/610931	1)OREGON STATE UNIVERSITY
(32) Priority Date	:14/03/2012	Address of Applicant :312 Kerr Administration Building
(33) Name of priority country	:U.S.A.	Corvallis OR 97331 2140 U.S.A.
(86) International Application No	:PCT/US2013/031471	(72)Name of Inventor :
Filing Date	:14/03/2013	1)HACKLEMAN David
(87) International Publication No	:WO 2013/138616	2)DEAN Bill
(61) Patent of Addition to Application	:NA	3)ARRIAGA Carlos Antar Gutierrez
Number	:NA :NA	4)ATADANA Frederick
Filing Date	INA	5)ATICHAT Tanawat
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ESSENTIAL OIL EXTRACTION APPARATUS

(57) Abstract :

Disclosed herein are embodiments of an essential oil extraction apparatus. In some embodiments the apparatus comprises a container configured to hold an essential oil containing material an essential oil extract receiver contained in the container a condenser having an outlet fluidly coupled to the receiver and located relative to the container so as to receive essential oil containing vapor emitted by the essential oil containing material; and at least one microwave reflection structure associated with at least one of the container the receiver or the condenser. The apparatus can have an overall dimension that is sufficiently small so that the apparatus fits inside a standard sized kitchen microwave oven.

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

(21) Application No.8310/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MIXING AND ADJUSTING METHOD FOR FOUNDRY SAND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B22C5/04,B22C19/04,B22C5/18 :2012134140 :13/06/2012 :Japan :PCT/JP2013/065906 :04/06/2013 :WO 2013/187341	 (71)Name of Applicant : 1)SINTOKOGIO LTD. Address of Applicant :11 11 Nishiki 1 chome Naka ku Nagoya shi Aichi 4600003 Japan (72)Name of Inventor : 1)OGURA Yuichi 2)TAKISHITA Koji 3)HARADA Hisashi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a mixing and adjusting method for foundry sand that uses a sand muller having weight measuring means for measuring a weight of the foundry sand to be mixed water content measuring means for measuring a water content of the foundry sand to be mixed water pouring means for pouring water into the foundry sand and CB value measuring means for measuring a CB value of the foundry sand during mixing. The method includes calculating a total supplied water amount till the measured CB value of the mixed sand becomes larger than the lower limit value of a target CB value range determining the total supplied water amount as a necessary supplied water amount corresponding to the water content in the foundry sand that is to be mixed and determining from an additionally supplied water amount during the additional water pouring and the CB value of the mixed sand subjected to the additionally supplied water mixing a ratio of a variation in the CB value corresponding to the additionally supplied water amount.

No. of Pages : 53 No. of Claims : 11

(21) Application No.8206/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F3/02 :PI201200056 :06/03/2012 :Malaysia :PCT/MY2013/000043 :01/03/2013 :WO 2013/133686 :NA :NA :NA :NA	 (71)Name of Applicant : 1)RTI SCIENCE & TECHNOLOGY SDN BHD Address of Applicant :1 5 25 Jalan 1/50 off Jalan Gombak Diamond Square 53000 Kuala Lumpur Malaysia (72)Name of Inventor : 1)DEGHDAK Adel
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(54) Title of the invention : KEYBOARD SYSTEM WITH CHANGEABLE KEY DISPLAYS

(57) Abstract :

The present invention discloses a keyboard system (100) with changeable key displays comprises a keyboard having a plurality of keys (1) with transparent housing; a plurality of display panels (3) each disposed inside the transparent housing of each key (1), the display panels (3) are capable to display different set of indicia based on control signals triggered by a user, a first printed circuit board (PCB) membrane (5) connected to the display panel (3) with a flexible connector (7), the first PCB membrane (5) receiving data signals relevant to the indicia of the key displays and processing the data signals to be displayed by the display panel (2), a system controller (9) connected to the first PCB membrane (12), the system controller (9) has a digital controller (11) and a memory (13), the digital controller (11) processing the control signals and retrieving data relevant to indicia from a database stored inside the memory (13), and the digital controller (9) allowing the user to change their desired key displays by manipulating the control signals sent to the system controller (9).

No. of Pages : 21 No. of Claims : 10

(21) Application No.8318/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TARGETED GENOME ENGINEERING IN PLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C12N15/82,A01H5/00 :12165201.0 :23/04/2012 :EPO :PCT/EP2013/058264	 (71)Name of Applicant : 1)BAYER CROPSCIENCE NV Address of Applicant :J.E. Mommaertslaan 14 B 1831 Diegem Belgium (72)Name of Inventor :
 (60) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:22/04/2013 :WO 2013/160230 :NA :NA :NA :NA	(72)rune of inventor : 1)DHALLUIN Katelijn

(57) Abstract :

Improved methods and means are provided to modify in a targeted manner the genome of a plant cell or plant at a predefined site via bacterial transformation.

No. of Pages : 54 No. of Claims : 23

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ORAL HYG	IENE IMPLEMENT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A46B15/00,A61C17/22 :13/464457 :04/05/2012 :U.S.A. :PCT/US2012/037955 :15/05/2012 :WO 2013/165445 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE GILLETTE COMPANY Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A. (72)Name of Inventor : 1)JUNGNICKEL Uwe 2)ALTMANN Niclas

(57) Abstract :

An oral hygiene implement is described herein. The oral hygiene implement has a handle (12); a head (14) and a neck (16) disposed between the handle (12) and the head (14). The head (14) has a plurality of contact elements (20). An indication element (30) is positioned between the neck (16) and handle (12) of the oral hygiene element. A transmission element (33) is positioned between the indication element (30) and a light emitting source (245). The light emitting source (245) provides electromagnetic energy to the transmission element (33).

No. of Pages : 49 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SUTURE BASED KNOTLESS REPAIR		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/04 :13/416584 :09/03/2012 :U.S.A.	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor : 1)ARAI Tatsuya 2)KOSKI Matthew

(57) Abstract :

An apparatus including a flexible member with two terminal ends configured to form a single closable loop and at least two fixation members. The first fixation member and the second fixation member are slidably received on the single closable loop formed by the flexible member.

No. of Pages : 39 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYNCHRONIZATION TOPOLOGY AND ROUTE ANALYTICS INTEGRATION

(51) International classification	n:H04L7/00,H04L12/26,H04L12/28	(71)Name of Applicant :
(31) Priority Document No	:13/453101	1)ALCATEL LUCENT
(32) Priority Date	:23/04/2012	Address of Applicant :148/152 route de la Reine F 92100
(33) Name of priority country	:U.S.A.	Boulogne Billancourt France
(86) International Application	:PCT/CA2013/050306	(72)Name of Inventor : 1)FARIDIAN Lida
Filing Date	:19/04/2013	2)SOPROVICH Greg
(87) International Publication No	:WO 2013/159223	3)KHATRI Neelam 4)JHU Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Various exemplary embodiments relate to a method and related network node including one or more of the following: displaying by the network management system a first representation of a synchronization topology wherein the synchronization topology includes a set of network elements and a set of peers; identifying a set of peers to be monitored; receiving an indication that a network path associated with a peer of the set of peers to be monitored has changed; and displaying an alarm indication.

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

Number:NA4)ZHANG ChaoFiling Date:NA(62) Divisional to Application Number:NA	:NA :NA
Filing Date :NA	

(54) Title of the invention : MICRO CURRENT INTERRUPTER AND INSULATING PLATE THEREOF

(57) Abstract :

The invention relates to an insulating plate which comprises a first insulating part a second insulating part a third insulating part an elongated part a first connecting part and a second connecting part. The aforementioned first connecting part can be found between the aforementioned first insulating part and the aforementioned second insulating part and connects said first and second insulating parts a through opening being provided on the aforementioned second insulating part. The aforementioned third insulating part is connected to the aforementioned second insulating part by a bend and is provided in the vicinity of the through opening which can be found on the aforementioned second insulating part. The aforementioned first insulating part via the aforementioned second connecting part. A first cut out opening is provided between and is surrounded by the aforementioned elongated part the aforementioned second connecting part and the aforementioned first insulating part and a second cut out opening is provided on the aforementioned second connecting part and the aforementioned first insulating part and the aforementioned second connecting part. The opening is provided between and is surrounded by the aforementioned elongated part the aforementioned second cut out opening are opposite each other. The invention relates to a micro current interrupter which uses said insulating plate.

No. of Pages : 26 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A METHOD OF CONTROLLING ONE OR MORE FANS OF A HEAT REJECTING HEAT EXCHANGER

(51) International classification	:F25B49/02	(71)Name of Applicant :
(31) Priority Document No	:12002802.2	1)DANFOSS A/S
(32) Priority Date	:20/04/2012	Address of Applicant :Nordborgvej 81 DK 6430 Nordborg
(33) Name of priority country	:EPO	Denmark
(86) International Application No	:PCT/EP2013/001167	(72)Name of Inventor :
Filing Date	:19/04/2013	1)PRINS Jan
(87) International Publication No	:WO 2013/156158	2)SCHMIDT Frede
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of controlling a fan of a vapour compression system is disclosed. The vapour compression system comprises a compressor a heat rejecting heat exchanger e.g. in the form of a gas cooler or a condenser an expansion device and an evaporator arranged in a refrigerant circuit. The fan is arranged to provide a secondary fluid flow across the heat rejecting heat exchanger e.g. in the form of an air flow. The method comprises the steps of establishing a temperature T of refrigerant leaving the heat rejecting heat exchanger e.g. in the form of a more stablishing a temperature T of refrigerant leaving the heat rejecting heat exchanger and deriving a temperature difference = between the temperature (T) of refrigerant leaving the heat rejecting heat exchanger and the temperature (T) of ambient air of the heat rejecting heat exchanger and to a second threshold value the second threshold value being smaller than or equal to the first threshold value and the rotational speed of the fan is controlled on the basis of the comparing step. The method allows the electrical energy consumption of the fan to be reduced without risking instability of the vapour compression system.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RADAR SUR	VEILLANCE SYSTEM	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 		 (71)Name of Applicant : 1)SELEX ES LTD Address of Applicant :Sigma House Christopher Martin Road Basildon Essex SS14 3EL U.K. (72)Name of Inventor : 1)SINCLAIR Robert Longmuir
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A radar surveillance system is described in which the radar beam re visits each area of interest after a short period of time by electronically reconfiguring a scanned beam to an offset position for an interleaved sub dwell within a scan period. This look back capability where the area under test is re visited after approximately 1 second allows the natural de correlation of sea clutter to take place between the initial and look back samples of the surveillance area. The re visit time can be adjusted to best exploit the de correlation characteristics of the sea clutter return.

No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :01/10/2014

(54) Title of the invention : HEADS UP DISPLAY DEVICE

(43) Publication Date : 15/05/2015

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(51) International classification	:G02B27/01,B60K35/00	(71)Name of Applicant :
(31) Priority Document No	:2012078120	1)NIPPON SEIKI CO.LTD.
(32) Priority Date	:29/03/2012	Address of Applicant :2 34Higashi zaoh 2 chomeNagaoka shi
(33) Name of priority country	:Japan	Niigata 9408580 Japan
(86) International Application No	:PCT/JP2013/056261	(72)Name of Inventor :
Filing Date	:07/03/2013	1)KAWAGUCHITsuyoshi
(87) International Publication No	:WO 2013/146160	2)YAMAZOETakashi
(61) Patent of Addition to Application	:NA	3)YACHIDATakeshi
Number	:NA	4)TAKEBEMinoru
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a heads up display device that can detect background brightness with a simple constitution. A HUD device (1) is provided with: a display device (20) that outputs display light (L) that shows a display image; a combiner (50) that has a concave surface (50a) to which the display light (L) output by the display device (20) is incident said combiner (50) concentrating the incident display light (L) so as to allow an observer (2) to see the display image from the concave surface (50a) side superimposed on a background from the front; and an optical sensor (31) that is positioned below the combiner (50) and detects the brightness of the light reaching that optical sensor (31). The combiner (50) has a light guide body (60) which is at the lower edge part thereof and is integrated with the combiner (50). The light guide body (60) has a facing surface (62) facing the optical sensor (31) in the vertical direction and guides external light incident from the front downward outputting the guided light from the facing surface (62). The optical sensor (31) detects the brightness of the light output from the facing surface (62).

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

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/03/2013 :WO 2013/134306 :NA :NA :NA	 (71)Name of Applicant : 1)FISKE Michael Address of Applicant :P.O. Box 475178 San Francisco CA 94147 U.S.A. (72)Name of Inventor : 1)FISKE Michael
Filing Date	:NA	

(54) Title of the invention : ONE TIME PASSCODES WITH ASYMMETRIC KEYS

(57) Abstract :

Protecting the security of an entity by using passcodes is disclosed. A user s passcode device generates a passcode. In an embodiment the passcode is generated in response to receipt of user information. The passcode is received by another system which authenticates the passcode by at least generating a passcode from a passcode generator and comparing the generated passcode with the received passcode. The passcode is temporary. At a later use a different passcode is generated from a different passcode generator. In these embodiments there are asymmetric secrets stored on the passcode device and by the administrator. This adds more security so that if the backend servers are breached the adversary cannot generate valid passcodes. In some embodiments the passcode depends on the rounded time.

No. of Pages : 89 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(51) International algorithms	C01M12/04	(71)Nama of Amiliant
(51) International classification	:G01M13/04	(71)Name of Applicant :
(31) Priority Document No	:2012072864	1)NTN CORPORATION
(32) Priority Date	:28/03/2012	Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500003 Japan
(86) International Application No	:PCT/JP2013/057981	(72)Name of Inventor :
Filing Date	:21/03/2013	1)TAKADA Seiichi
(87) International Publication No	:WO 2013/146501	2)ITOMI Shoji
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD AND SYSTEM FOR INSPECTING ROTATING MACHINE COMPONENT

(57) Abstract :

A portable-terminal-using inspection method for a rotating machine component is provided which allows an operating state of a rotating machine component (1) such as a bearing to be easily inspected by using a popularized portable information terminal (2) and a dedicated sensor (3) that supplies detection information to the terminal (2). The state of the rotating machine component (1) is detected by the sensor (3). Detection data regarding the detected state is supplied from the sensor (3) to the terminal (2). Data processing is performed on the detection data in the terminal (2) or a server (6) connected to the terminal (2) via a communication line (7), by using data processing software (4) and specification data (5) for the model number associated with the component (1), and a result of the data processing is displayed on a screen (2a) of the terminal (2).

No. of Pages : 42 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CLEAR LIQUID CAROTENOID FORMULATIONS AND CLEAR BEVERAGES CONTAINING THEM

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:A23L1/275,A23L2/58,A61K31/015 :12162549.5 :30/03/2012	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 Te Heerlen Netherlands
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:27/03/2013	1)BADOLATO B–NISCH Gabriela 2)SCHAFFNER David 3)ZWICK Thomas
(87) International Publication No	:WO 2013/144221	4)HUNZIKER Andr
(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 directed to a clear liquid formulation comprising: a) at least one carotenoid and b) at least one modified food starch and c) at least one saccharide and d) water especially to a clear liquid formulation comprising a) 0.1 to 10 weight % (preferably 0.5 to 5.0 weight % more preferably 0.5 to 3.0 weight % most preferably 1.0 to 3.0 weight %) of at least one carotenoid and b) 20 to 60 weight % (preferably 30 to 50 weight %) of at least one modified food starch and c) 0.5 to 60 weight % (preferably 0.5 to 30 weight % more preferably 0.5 to 20 weight % most preferably 1.0 to 10 weight %) of at least one saccharide and d) 35 to 75 weight % (preferably 45 to 65 weight %) of water all amounts based on the total weight of the liquid formulation whereby all amounts add up to 100 weight %. The present invention is further directed to a process for the manufacture of such liquid formulations as well as to beverages containing them. These beverages are also clear and color stable.

No. of Pages : 54 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONFIGURATION OF CARRIER RELATED REFERENCE SIGNAL TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L27/26,H04L5/00 :NA :- : :PCT/EP2012/054588 :15/03/2012 :WO 2013/135295 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SOLUTIONS AND NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)ROSA Claudio 2)FREDERIKSEN Frank 3)SKOV Peter 4)LUNTTILA Timo Erkki
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(57) Abstract :

There are provided measures for configuration of carrier related reference signal transmission. Such measures exemplarily comprise setting of a transmission mode for reference signal transmission on a carrier out of at least a long cycle discontinuous transmission mode and a short cycle discontinuous transmission mode said long cycle discontinuous transmission mode having a longer transmission discontinuity period than the short cycle discontinuous transmission mode and configuration of a transmission of at least one reference signal on the carrier according to the set transmission mode. The transmission mode setting may for example be based on at least one of an activation state of the carrier as serving cell and/or secondary cell and/or measurement object cell and a period of radio resource management measurement on the carrier.

No. of Pages : 49 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(51) International classification(31) Priority Document No	:201210093211.5	(71)Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date(33) Name of priority country	:31/03/2012 :China	LIMITED Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No Filing Date	:PCT/CN2012/087717 :27/12/2012	Zhenxing Road Futian District Shenzhen Guangdong 518000 China
(87) International Publication No	:WO 2013/143343	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)YANG Liu 2)MO Sha 3)LIU Sirui
(62) Divisional to Application Number Filing Date	:NA :NA	4)LI Yan

(54) Title of the invention : ACCOUNT LOGIN METHOD APPARATUS AND SYSTEM AND NETWORK SERVER

(57) Abstract :

Embodiments of the present invention relate to the field of computer communications and provide an account login method apparatus and system and a network server. The method comprises: obtaining current fingerprint information sent by a terminal; determining whether the current fingerprint information is the same as pre stored initial fingerprint information; and if the current fingerprint information for one of the pre stored initial fingerprints permitting the terminal to login to an account associated with the initial fingerprint information. In the present invention already exists the terminal is permitted to login to the account associated with the initial fingerprint information thereby performing account login by means of a fingerprint only avoiding cumbersome processes when logging in to an Internet application and improving the user experience.

No. of Pages : 27 No. of Claims : 10

(21) Application No.8280/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DETERGENT COMPOSITION FOR CLOTHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	o:PCT/JP2013/060944 :11/04/2013	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)MORIKAWA Satoshi 2)KAGAYA Mariko
Application Number Filing Date (62) Divisional to Application	:NA	
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a detergent composition for clothing which comprises 10 to 70 mass% inclusive of a surfactant (a) and 5 to 50 mass% inclusive of an alkaline agent (b) wherein a specific acid amide compound (a 1) component is contained as the component (a) the component (a 1) makes up 20 mass% or more of the component (a) and makes up 5 mass% or more of the composition and wherein a nonionic surfactant (a 3) other than the component (a 1) is also contained as the component (a) and is contained in an amount of 0 to 20 mass% inclusive in the component (a). The present invention provides: a detergent composition for clothing which has excellent detergency against sebum dirt or the like adhered onto a cloth; and a method for washing a cloth using the detergent composition.

No. of Pages : 38 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR COATING A FIBRE WITH PRE COATING

		(71)Name of Applicant :
(51) International classification	:C23C2/00,C23C2/02,C23C2/26	
(31) Priority Document No	:1201042	Address of Applicant :2 Boulevard du Gnral Martial Valin F
(32) Priority Date	:06/04/2012	75015 Paris France
(33) Name of priority country	:France	2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application N	o :PCT/FR2013/050752	SCIENTIFIQUE
Filing Date	:05/04/2013	3)UNIVERSITE DE BORDEAUX 1
(87) International Publication No.	D :WO 2013/150251	4)INSTITUT POLYTECHNIQUE DE BORDEAUX
(61) Patent of Addition to	:NA	(72)Name of Inventor :
Application Number	:NA	1)FRANCHET Jean Michel Patrick Maurice
Filing Date	.INA	2)KLEIN Gilles Charles Casimir
(62) Divisional to Application	:NA	3)SANCHEZ Grald
Number	:NA :NA	4)LEPETITCORPS Yann
Filing Date	.11/1	5)ARQUIS Eric
		6)VERMAUT Delphine

(57) Abstract :

The invention concerns a method for depositing a coating of a first metal alloy on a fibre (10) extending in main direction D comprising the following steps: (a) Providing a first mass (20) of a first metal alloy and heating the first mass (20) higher than the melting temperature of same so that said alloy is liquid and occupies space El (b) Moving this fibre (10) from upstream to downstream through the first liquid mass (20) in the direction in which the fibre (10) extends at first speed VI such that the fibre (10) is covered on at least one portion of the length of same with a coating (25) of the first alloy of a non zero thickness over the entire periphery of same in a plane perpendicular to main direction D. Before step (a) the following steps are carried out: (i) Providing a second mass (220) of a second metal alloy of which melting temperature TF2 is strictly higher than melting temperature TF1 of the first alloy (j) Heating the second mass (220) higher than the melting temperature of same so that said second alloy is in the liquid state and occupies space E2 then moving the fibre (10) from upstream to downstream through the second alloy this movement being carried out at second speed V2 which is such that the coating speed of the second alloy during this movement is in the visco capillary range such that the fibre (10) is covered on this portion of the length of same with a coating (225) of the second alloy of a non zero thickness over the entire periphery of same (k) Cooling this coating (225) until it becomes solid.

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

(19) INDIA

(22) Date of filing of Application :10/10/2014

(54) Title of the invention : CRYSTALLIZATION ACCELERATOR

(43) Publication Date : 15/05/2015

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

(57) Abstract :

To provide a substance capable of imparting an excellent crystallization accelerating effect to an oil or fat and an oil or fat composition containing said substance. The oil or fat composition has an excellent crystallization accelerating effect and therefore can improve workability/processability and texture such as the sugar dissolution stickiness and texture of a fried doughnut the filled state and hardness of shortening/margarine and the time required for drying a coating chocolate. [Solution] The present invention is a crystallization accelerator comprising a polymer compound that includes as constituent components a suitable fatty acid glycerin and a C hydroxy saturated fatty acid which respectively has a hydroxyl group and a carboxyl group at both terminals and may have one carbonyl group in the chain thereof said polymer compound being obtained by polymerizing the constituent components to a molecular weight of 3 000 to 100 000.

No. of Pages : 69 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :01/10/2014

(54) Title of the invention : YARN MONITORING METHOD

(43) Publication Date : 15/05/2015

(51) International classification	:B65H63/06,G01N33/36	(71)Name of Applicant :
(31) Priority Document No	:10 2012 102 576.2	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:26/03/2012	Address of Applicant :Klosterstr. 20 CH 8406 Winterthur
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2013/055334	(72)Name of Inventor :
Filing Date	:15/03/2013	1)BURCHERT Mathias
(87) International Publication No	:WO 2013/143873	2)JEHLE Volker
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for monitoring the quality of a yarn on a textile machine wherein the yarn passes a monitoring unit of the textile machine with the aid of which at least one measured variable (M) which is dependent on a physical parameter of the yarn is determined and wherein the measured variable (M) or a variable derived therefrom is evaluated with respect to the position thereof with regard to at least one reference value (R). According to the invention it is proposed that the selection of the reference value(s) (R) takes place taking into account one or more characteristic variables of the yarn said characteristic variables being yarn specific and defined prior to evaluating the measured variable (M). Furthermore a textile machine is proposed which comprises at least one monitoring unit for monitoring at least one physical parameter of the yarn and at least one controller which is operatively connected to the monitoring unit. The textile machine is characterized in that the controller is configured to monitor the yarn quality according to one or more of the preceding claims.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VESICULAR FORMULATIONS FOR USE IN THE TREATMENT OF PAIN OR REDUCED MOBILITY OF A JOINT

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/127,A61K9/107,A61K31/685 :1206486.1 :12/04/2012 :U.K. :PCT/EP2013/057742 :12/04/2013 :WO 2013/153221 :NA :NA :NA	 (71)Name of Applicant : 1)SEQUESSOME TECHNOLOGY HOLDINGS LIMITED Address of Applicant :Palazzo Pietro Stiges 103 Strait Street Valletta VLT1436 Malta (72)Name of Inventor : 1)GARRAWAY Richard Wolf 2)EARL Michael 3)YURDAKUL Saruhan 4)BAVERSTOCK Nicholas
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(57) Abstract :

The present invention relates to vesicular formulations for use in the treatment of pain and/or reduced mobility associated with a loss of lubrication and/or structural integrity and/or swelling of a collagen structure. It also relates to a method of treating pain such as joint pain or tendonitis comprising topically administering a vesicular formulation according to the invention.

No. of Pages : 93 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RECORDING APPARATUS		
 (54) File of the invention : RECORDING (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B41J2/175,B41J2/01 :2012074291 :28/03/2012 :Japan	 (71)Name of Applicant : 1)SEIKO EPSON CORPORATION Address of Applicant :4 1 Nishi Shinjuku 2 chome Shinjuku ku Tokyo 1630811 Japan (72)Name of Inventor : 1)TAKEUCHI Hiroshi 2)YODA Hiroyuki 3)OSHIMA Kenji 4)AOKI Yoshisada 5)SHIMIZU Satoshi 6)SAKAMOTO Kazutoshi 7)NOMOTO Nobuhisa

(57) Abstract :

A recording apparatus capable of satisfactorily removing a recording medium is provided. The recording apparatus is provided with: a paper feed tray (31) that is capable of feeding recording paper P from a first opening part (21) provided to a housing (20) and that is provided to the upstream side of the conveyance direction for conveying recording paper P; a guide member (33) for regulating the width of the recording paper P the guide member (33) being provided to the paper feed tray (31) so as to face the wall surface of a paper feed device (30) that includes the paper feed tray (31) or the wall surface (21a) of the housing (20); and an ink tube (50) for supplying ink from an ink storage part (60) provided to the exterior of the housing (20) to a recording head (43) installed on a carriage (41) and that passes through gap portions (S1 S2) between the guide member (33) and the wall surface.

No. of Pages : 93 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A FORMULATION COMPRISING A PARTICULATE CALCIUM SILICATE AND CLONOSTACHYS ROSEA FOR TREATING PLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N63/04,A01N25/12,A01N25/22 :61/609540 :12/03/2012 :U.S.A. :PCT/CA2013/050179 :11/03/2013 :WO 2013/134870 :NA :NA :NA	 (71)Name of Applicant : 1)BEE VECTORING TECHNOLOGY INC. Address of Applicant :48 William Street East Caledon Ontario L7K 1N7 Canada (72)Name of Inventor : 1)MASON Todd Gordon 2)SUTTON John Clifford
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(57) Abstract :

A powder plant treatment formation for application to plants by bee vectoring comprising a particulate calcium silicate clonostachys rosea a moisture absorption agent for absorbing moisture from the formulation an attracting agent for attracting the formulation to plants and a diluent.

No. of Pages : 33 No. of Claims : 47

(21) Application No.8510/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:13/03/2013) :WO 2013/136784 :NA :NA	 (71)Name of Applicant : 1)FUJIFILM CORPORATION Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1068620 Japan (72)Name of Inventor : 1)KITAMURA Yoshiro
Number Filing Date	:NA :NA	

(57) Abstract :

To suppress misclassification of structures contained in an image. [Solution] The present invention is provided with: a filtering unit (32) that calculates a Hessian matrix by performing filtering on an image using a second order partial derivative of a solid spherical function; and an evaluation unit (30) that evaluates structures contained in the image using the eigenvector and eigenvalue of the Hessian matrix. The filtering unit (32) is provided with a correction unit (33) that calculates a first order partial derivative vector by performing filtering using the first order partial derivative of a solid spherical function having the same radius as the radius of a solid sphere in the image and using the value resulting from projecting the first order partial derivative vector in the direction of the eigenvector performs correction negating one response wave among response waves represented in two positions symmetrically separated from the center of the solid sphere of the second order partial derivative in each direction of the function representing the solid sphere.

No. of Pages : 60 No. of Claims : 12

(22) Date of filing of Application :01/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PREPARING ALKALI METAL PYRITHIONE AND ITS POLYVALENT METAL COMPLEXES FROM PYRIDINE OXIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/619485 :03/04/2012 :U.S.A.	 (71)Name of Applicant : 1)ARCH CHEMICALS INC. Address of Applicant :5660 New Northside Drive Suite 1100 Atlanta Georgia 30328 U.S.A. (72)Name of Inventor : 1)HANI Rahim 2)JARDAS John Joseph 3)DUMAS Richard 4)LEI David
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(57) Abstract :

The present invention generally relates to a novel process for preparing alkali metal pyrithione from pyridine N oxide using a sulfurination agent and a base agent. In particular the present invention relates to an efficient process for preparing polyvalent metal complexes of sodium pyrithione from the alkali metal pyridine N oxide described herein.

No. of Pages : 26 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :06/01/2014

(21) Application No.85/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : FAUCET HANDLE WITH ANGLED INTERFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16K11/08 :13/182430 :13/07/2011 :U.S.A. :PCT/US2012/027117 :29/02/2012 :WO 2013/009365 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MASCO CORPORATION OF INDIANA Address of Applicant :55 East 111th Street Indianapolis IN 46280 U.S.A. (72)Name of Inventor : 1)DAVIDSON Kyle 2)THOMAS Kurt J. 3)BROWN Derek A. 4)SHAW Ryan J.
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(57) Abstract :

A faucet assembly includes a faucet body having a liquid pathway therein. A selector attachment base includes a longitudinal base axis and defines a selector movement plane. A selector is coupled to the selector attachment base the selector having a longitudinal selector axis and supported for movement between a plurality of configurations to control a parameter of liquid through the liquid pathway of the faucet body. Movement of the selector between the plurality of configurations is achieved via rotation about a rotational axis that is perpendicular to the selector movement plane. The longitudinal selector axis is oriented at a first angle relative to the rotational axis and the longitudinal selector axis is oriented at a second angle relative to the longitudinal base axis. The first angle is substantially constant and the second angle varies as the selector moves between the plurality of configurations.

No. of Pages : 30 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HYBRID IMAGE/SCENE RENDERER WITH HANDS FREE CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	¹ :PCT/US2013/042654 :24/05/2013	 (71)Name of Applicant : 1)SURGICAL THEATER LLC Address of Applicant :781 Beta Drive Mayfield Village Ohio 44143 U.S.A. (72)Name of Inventor : 1)GERI Alon Yakob 2)AVISAR Mordechai
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2013/177520 :NA :NA ⁿ :NA :NA	

(57) Abstract :

A system and method for converting static/still medical images of a particular patient into dynamic and interactive images interacting with medical tools including medical devices by coupling a model of tissue dynamics and tool characteristics to the patient specific imagery for simulating a medical procedure in an accurate and dynamic manner by coupling a model of tissue dynamics to patient specific imagery for simulating surgery on the particular patient. The method includes a tool to add and/or to adjust the dynamic image of tissues and ability to draw any geometric shape on the dynamic image of tissues and to add the shape into the modeling system.

No. of Pages : 53 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F26B5/06,F26B25/00	(71)Name of Applicant :
(31) Priority Document No	:MI2012A000399	1)I.M.A. INDUSTRIA MACCHINE AUTOMATICHE
(32) Priority Date	:14/03/2012	S.P.A.
(33) Name of priority country	:Italy	Address of Applicant : Via Emilia 428/442 I 40064 Ozzano
(86) International Application No	:PCT/IB2013/000368	Dell Emilia Italy
Filing Date	:13/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/136157	1)TREBBI Claudio
(61) Patent of Addition to Application	:NA	2)GABUSI Gabriele
Number		
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date (62) Divisional to Application Number		

(54) Title of the invention : APPARATUS FOR MOVING CONTAINERS

(57) Abstract :

Apparatus for moving containers (11) containing substances comprising a plane (54) for the transport movement and at least temporary storage of said containers (11) mobile along transit paths (55 69) developing at least along an axis of movement to serve several machines or user devices.

No. of Pages : 43 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MATERIAL DEPOSITION SYSTEM AND METHOD FOR DEPOSITING MATERIALS ON A SUBSTRATE

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/US2013/036695 :16/04/2013	 (71)Name of Applicant : 1)ILLINOIS TOOL WORKS INC. Address of Applicant :155 Harlem Avenue Glenview Illinois 60025 U.S.A. (72)Name of Inventor : 1)CROUCH Kenneth C. 2)TRACY Robert W. 3)KARLINSKI Thomas J. 4)REID Scott A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A material deposition system (10,30) for depositing material on an electronic substrate (12) includes a frame (20,32) a support (22) coupled to the frame and configured to support an electronic substrate (12) during a deposit operation a gantry (24,38) coupled to the frame (20,33) and a deposition head coupled to the gantry (24,38). The deposition head (14,36) is movable over the support (22) by movement of the gantry (24,38). The deposition head (14,36) includes a chamber (1110) configured to hold material an actuator (1130) configured to push a volume of material out of the chamber (1110) a needle (120) extending from the chamber (1110) and terminating in a needle orifice (130) and at least two air jets (140,150) located on opposite sides of the needle orifice (130). A desired volume of material is formed at the needle orifice (130) in response to the actuator (1130) and each of the at least two air jets (140,150) produce a timed pulse of air to create a micro droplet from the desired volume and to accelerate the micro droplet to high velocity.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : STEM LENGTH ASSOCIATED MARKER DERIVED FROM GENOME OF WILD SUGARCANE SPECIES AND USE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12Q1/68,A01H1/02,C12N15/09 :2012069850 :26/03/2012 :Japan	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2013/058698 :26/03/2013 :WO 2013/146738	 (72)Name of Inventor : 1)SHIMADA Takehiko 2)ENOKI Hiroyuki 3)NISHIMURA Satoru 4)KIMURA Tatsuro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)SUITOU Momoe 6)ISHIKAWA Shoko 7)TERAUCHI Takayoshi 8)HATTORI Taiichiro 9)SAKAIGAICHI Takeo

(57) Abstract :

Provided is a marker associated with stem length among quantitative traits of Poaceae plants. This Poaceae plant stem length associated marker comprises a contiguous nucleic acid region selected from a region intercalated between the base sequence shown in sequence number 1 and the base sequence shown in sequence number 2 in the chromosome of a Poaceae plant.

No. of Pages : 28 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2013/000718 :03/04/2013	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471 8571 Japan 2)SASAKI Nozomi (72)Name of Inventor : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA 2)SASAKI Nozomi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

An ECU (20) after the cranking is started performs a control such that the first combustion cycle is executed on a CPS equipped cylinder (step 100). After that self ignition occurs in the first combustion cycle and the in cylinder pressure changes. The ECU (20) detects change of the in cylinder pressure by using a cylinder pressure sensor (22) and acquires the maximum value thereof as a value Pmax (step 102). Next the acquired value Pmax is corrected on the basis of the engine coolant temperature or the amount of in cylinder air (step 104). The ECU (20) pre stores the relationship between the value Pmax and the octane number (RON) as a map. The ECU (20) determines the octane number (RON) that corresponds to the value Pmax from the map (step 106).

No. of Pages : 23 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ALTERNATIVE METHODS FOR THE SYNTHESIS OF ORGANOSILICON COMPOUNDS

(51) International classification	:C07F7/12,C07F7/16,C01B33/107	
(31) Priority Document No	:12159739.7	1)DOW CORNING CORPORATION
(32) Priority Date	:15/03/2012	Address of Applicant :2200 West Salzburg Road Midland MI
(33) Name of priority country	:EPO	48686 U.S.A.
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2012/029402 :16/03/2012 :WO 2013/137904	2)CASE WESTERN RESERVE UNIVERSITY (72)Name of Inventor : 1)KATSOULIS Dimitris E. 2)KENNEY Malcolm E.
No		3)VASSILARAS Plousia E.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of forming chloro substituted silanes from the reaction of an alkoxysilane with a chlorinating agent in the optional presence of a catalyst is provided. More specifically chloro substituted silanes including but not limited to silicon tetrachloride are formed by reacting a chlorinating agent such as thionyl chloride with an alkylalkoxysilane having the formula (R 0)SiR where R and R are independently selected alkyl groups comprising one or more carbon atoms and x is 0 1 2 or 3. The catalyst may be dimethylformamide (chloromethylene)dimethyliminium chloride or triethylamine among others. The chloro substituted silane formed in the reaction along with several by products has the formula (RO)SiRCl; where x is 0 1 2 or 3 and y is 1 2 3 or 4. One of the by products of the reaction is an alkyl chloride.

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POSITIVE DRIVE SPIRAL CONVEYOR

(51) International classification	:B65G21/18,B65G17/08,B65G17/30	(71)Name of Applicant : 1)LAITRAM L.L.C.
(31) Priority Document No	:61/613780	Address of Applicant :Legal Department 200 Laitram Lane
(32) Priority Date	:21/03/2012	Harahan Louisiana 70123 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2013/030357 :12/03/2013	1)TALSMA Casper Fedde 2)BOGLE David W. 3)ELHASSOUNI Achraf 4)WICKHAM David A.
No	:WO 2013/142136	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A spiral conveyor for positively driving a hinged modular conveyor belt along a helical path. The spiral conveyor includes a rotating cylindrical tower with parallel drive members extending from the bottom to the top of the tower on its periphery. Each drive member includes an outwardly protruding ridge extending from the bottom to the top of the tower for engaging the inside edges of the belt. In one version the ridges at the entrance end of the spiral are movable to provide a gradually decreasing spacing between consecutive ridges as the belt enters the spiral. In another version alignment elements at the entrance end align belt edge structure with the tip ends of associated ridges to help engagement. In another version the ridges at a discharge end of the tower are retractable between an extended position driving the belt and a retracted position.

No. of Pages : 33 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :13/10/2014

(21) Application No.8521/DELNP/2014 A

(43) Publication Date : 15/05/2015

(57) Abstract :

Vehicle seat (1) having a seat part (2) and a backrest (3) wherein the supporting structure (44) of the seat part or the backrest in particular the side part thereof integrally has at least one spring element (40 31) a pivot point (P) and/or a safety belt connection.

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

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CATALYTIC CONVERSION OF LACTIC ACID TO ACRYLIC ACID

054 2012	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)LINGOES Janette Villalobos 2)COLLIAS Dimitris Ioannis
0 20 20	704,B01127/00,C07C31/377 054 012 52013/036070 013

(57) Abstract :

Disclosed herein is the catalytic dehydration of lactic acid to acrylic acid which is characterized by a high conversion of lactic acid a high selectivity for acrylic acid a high yield of acrylic acid and correspondingly low selectivity and molar yields for undesired by products. This is achieved with a particular class of catalysts defined by a mixture of metal containing phosphate salts that together provide the catalyst with a very high basicity density and low acidity density. Further the catalyst is believed to be stable and active for lengthy periods heretofore unseen in the art for such dehydration processes.

No. of Pages : 30 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FE(III) PYRAZINE COMPLEX COMPOUNDS FOR TREATMENT AND PROPHYLAXIS OF IRON DEFICIENCY PHENOMENA AND IRON DEFICIENCY ANAEMIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/EP2013/057071 :04/04/2013 :WO 2013/150087 :NA :NA	Switzerland (72)Name of Inventor : 1)BARK Thomas 2)BUHR Wilm 3)BURCKHARDT Susanna 4)BURGERT Michael 5)CANCLINI Camillo 6)DRRENBERGER Franz 7)FUNK Felix 8)GEISSER Peter Otto 9)KALOGERAKIS Aris 10)MAYER Simona 11)PHILIPP Erik
Filing Date	:NA	10)MAYER Simona

(57) Abstract :

The invention relates to iron(III) complex compounds and to pharmaceutical compositions containing the same for use as medicinal products particularly for the treatment and/or prophylaxis of iron deficiency phenomena and iron deficiency anaemia.

No. of Pages : 64 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITION FOR PREVENTION OF VASOACTIVITY IN THE TREATMENT OF BLOOD LOSS AND ANEMIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61K31/53,A61K31/517,A61K31/519 :61/622612 :11/04/2012 :U.S.A. :PCT/CA2013/050278 :05/04/2013 :WO 2013/152441 :NA	 (71)Name of Applicant : 1)BLUMENSTEIN Jan Address of Applicant :110 Alexandria Blvd Toronto Ontario M4R 1M2 Canada (72)Name of Inventor : 1)BLUMENSTEIN Jan
(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 the prevention of cardiovascular and central nervous system side effects in mammals who receive transfusions of hemoglobin based oxygen carriers (HBOC) or stored blood products containing a concentration of hemoglobin sufficient to induce vasoconstriction by adding a vasoactivity reducing effective amount of one or more phosphodiesterase inhibitors in combination with a calcium channel blocker and/or an alpha agonist to the circulation or alternatively to the HBOC or stored blood thereby preventing the manifestation of vasoactivity attributable to the presence of free tetrameric hemoglobin (Hb).

No. of Pages : 41 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F23R3/06	(71)Name of Applicant :
(31) Priority Document No	:12 54847	1)SNECMA
(32) Priority Date	:25/05/2012	Address of Applicant :2 boulevard du Gnral Martial F 75015
(33) Name of priority country	:France	Paris France
(86) International Application No	:PCT/FR2013/051117	(72)Name of Inventor :
Filing Date	:23/05/2013	1)SANDELIS Denis Jean Maurice
(87) International Publication No	:WO 2013/175126	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

(54) Title of the invention : TURBOMACHINE COMBUSTION CHAMBER SHELL RING

(57) Abstract :

The dilution holes (39) in a shell ring (2,3) of a turbomachine combustion chamber are covered with platelets (40) which delimit chambers (49) around them on the interior face of the shell ring. Ventilation holes (45) passing through the platelet cause those portions of the shell ring surrounding the dilution holes (39) to be ventilated cooling these portions and preventing crack formation.

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

(21) Application No.8531/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PERSONAL AUTHENTICATION METHOD AND PERSONAL AUTHENTICATION DEVICE			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06T1/00,G06T7/00 :2012059641 :16/03/2012 :Japan	 (71)Name of Applicant : 1)Universal Robot Kabushiki Kaisha Address of Applicant :1 2 Nihonbashi Hakozaki cho Chuo ku Tokyo 1030015 Japan (72)Name of Inventor : 1)IWATA Eizaburo 	

(57) Abstract :

To provide a technique for conveniently performing personal authentication at high precision by extracting the features of a vein pattern and features of a palm print shape of the palm of an individual to be authenticated said features being extracted from one original image data item photographed using a visible light image acquisition section (such as a visible light camera). [Solution] Toward the human palm an authentication light source (11) shines light containing at least red light in a visible light region. The authentication image acquisition section (12) acquires at least one reflected image composed of the light that was shone from the authentication light source (11) and was reflected in the human palm. An authentication image processing section (13) performs image processing on the reflected image to extract an authentication palm print shape and a vein shape for the palm from one reflected image and generates authentication data.

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FUEL INJECTION RAIL FOR AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02M55/02,F02M69/46 :12/53256 :10/04/2012 :France :PCT/FR2013/050771 :10/04/2013 :WO 2013/153324 :NA :NA :NA :NA	 (71)Name of Applicant : MGI COUTIER Address of Applicant :975 route des Burgondes F 01410 Champfromier France RENAULT S.A.S (72)Name of Inventor : GUERRY Pascal EUSTACHE Adrien BARBE Patrick
Filing Date	:NA	

(57) Abstract :

This injection rail (1) is suitable for dampening pressure variations. To this end it is produced with a plug (8) of variable thickness (e) constituting a deformation zone at at least one of the ends (4) of same and/or with an oblong section or indeed with a section divided into two volumes by a longitudinal inner rib. Application in the motor vehicle industry.

No. of Pages : 14 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GENE SIGNATURES ASSOCIATED WITH EFFICACY OF POSTMASTECTOMY RADIOTHERAPY IN BREAST CANCER

(57) Abstract :

The present invention relates to compositions kits and methods for providing a prognosis and/or determining a treatment course of action in a subject diagnosed with breast cancer. In particular the present invention relates to gene expression signatures useful in the prognosis diagnosis and treatment of breast cancer.

No. of Pages : 80 No. of Claims : 33

(21) Application No.8313/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GLASSES FOR CORRECTION OF CHROMATIC AND THERMAL OPTICAL ABERRATIONS FOR LENSES TRANSMITTING IN THE NEAR MID AND FAR INFRARED SPRECTRUMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Eiling Date 	:13/452271 :20/04/2012 :U.S.A.	 (71)Name of Applicant : 1)SCHOTT CORPORATION Address of Applicant :555 Taxter Road Elmsford New York 10523 U.S.A. (72)Name of Inventor : 1)CARLIE Nathan Aaron
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to chalcogenide glass compositions for use in a lens system to balance thermal effects and chromatic effects and thereby provide an achromatic and a thermal optical element that efficiently maintains achromatic performance across a broad temperature range. The glass composition is based on sulfur compounded with germanium arsenic and/or gallium and may further comprise halides of for example silver zinc or alkali metals. Alternatively the glass composition is based on selenium compounded with gallium and preferably germanium and contains chlorides and/or bromides of for example zinc lead or alkali metals.

No. of Pages : 39 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CHASSIS OF A MOTOR VEHICLE OPTIMISED FOR ABSORBING A FRONTAL IMPACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B62D21/15,B62D25/08 :1253159 :05/04/2012 :France :PCT/FR2013/050745 :04/04/2013 :WO 2013/150246 :NA :NA :NA :NA	 (71)Name of Applicant : 1)RENAULT S.A.S. Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor : 1)CAILLARD Jerome 2)DELORD Christian 3)GAUMONT Herve 4)HLUBINA Thierry
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(57) Abstract :

The invention relates to a chassis of a motor vehicle optimised for absorbing a frontal impact. Said chassis (1) of a motor vehicle includes a firewall separating the passenger compartment of the vehicle from a front portion (1a) of the chassis intended for holding the engine and a means for absorbing a frontal impact comprising two side rails (3) mounted on at least the front portion (1a) of the chassis (1) and arranged on either side of the chassis (1) each side rail (3) including a front portion (3a) and a rear portion (3b) assembled such as to overlap at least partially. The side rails (3) are arranged such that the overlap area is below the plane of the firewall and the rear portion (3b) of the side rail includes a material which is less compressible than the front portion (3a) of the side rail.

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM FOR CONTROLLING THE VANES OF A VARIABLE GEOMETRY TURBINE WITH LEARNING AND LINEARISATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)RENAULT S.A.S. Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne billancourt France (72)Name of Inventor : 1)FONTVIEILLE Laurent
No Filing Date	:15/03/2013	2)BATARD Samuel
(87) International Publication No	:WO 2013/144481	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system for controlling the vanes of a variable geometry turbine supplying an internal combustion engine of a motor vehicle comprising a subtractor (5) capable of determining the deviation between a supercharging pressure setpoint and measurement a regulator (4) capable of transmitting an output control signal to the vanes of a variable geometry turbine a mapping (3) of the position of the vanes on the basis of the rotational speed of the engine and a torque set point a determination means (1) for determining the learning conditions capable of transmitting a control signal to a learning means (2) for learning the control which is capable of transmitting a correction to the control signal of the vanes on the basis of the signals of the mapping and of the regulator the means (2) for learning being capable of learning the prepositioning signals on receipt of a signal from the determination means (1).

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITIONS AND USES OF ANTIMICROBIAL MATERIALS WITH TISSUE COMPATIBLE PROPERTIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2013/032535 :15/03/2013 :WO 2013/142374 :NA :NA	 (71)Name of Applicant : AMICROBE INC. Address of Applicant :3142 Tiger Run Court Suite 101 Carlsbad CA 92010 U.S.A. (72)Name of Inventor : BEVILACQUA Michael P. BENITEZ Diego HANSON Jarrod A.
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(57) Abstract :

Compositions comprising a mixture of an antimicrobial cationic polypeptide and a second pharmaceutically acceptable polymer are disclosed as well as methods and uses thereof for the treatment and prevention of infections that occur when our natural barriers of defense are broken.

No. of Pages : 57 No. of Claims : 18

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CYCLOHEXANOL METHOD FOR PRODUCING CYCLOHEXANOL AND METHOD FOR PRODUCING ADIPIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/JP2012/066545 :28/06/2012 :WO 2013/008637 :NA	 (71)Name of Applicant : 1)Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)NARISAWA Naoki 2)TANAKA Katsutoshi
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

Purified cyclohexanol of the present invention has a methylcyclopentanol concentration of 10 1000 ppm by weight and a cyclohexyl cyclohexene isomer concentration of 15 500 ppm by weight. A method for producing cyclohexanol of the present invention comprises: a step 1 wherein a solution (I) which contains cyclohexanol methylcyclopentanol and water is produced by a hydration reaction of cyclohexene; a step 2 wherein the solution (I) is separated into a water phase and an oil phase; a step 3 wherein partially purified cyclohexanol that contains methylcyclopentanol is obtained from the oil phase; and a step 4 wherein purified cyclohexanol having a methylcyclopentanol concentration of 10 1000 ppm by weight and a cyclohexyl cyclohexene isomer concentration of 15 500 ppm by weight is obtained by separating and removing methylcyclopentanol in the partially purified cyclohexanol.

No. of Pages : 60 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE AND SYSTEM FOR PROCESSING OF EGGS SUCH AS VACCINATION OR A VACUUM SUCTION OR GRABBER BASED PICK UP

(51) International classification	:A01K45/00	(71)Name of Applicant :
(31) Priority Document No	:12164167.4	1)VISCON B.V.
(32) Priority Date	:13/04/2012	Address of Applicant : Mijlweg 18 NL 3295 KH s Gravendeel
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2013/056914	(72)Name of Inventor :
Filing Date	:02/04/2013	1)VAN DE ZANDE Nicolaas Karel
(87) International Publication No	:WO 2013/152970	
(61) Patent of Addition to Application	NT A	
Number	:NA	
	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to a device assembled to subject at least one egg said egg normally having a longitudinal direction between a blunt end and a pointed end to a processing in a predetermined orientation of the longitudinal direction of the egg such as injection or vaccination candling or vacuum or grabber based pick up wherein the device comprises: a processing station arranged to subject the egg to the processing; a holder arranged to hold the egg in said predetermined orientation for the processing station to subject the egg to the processing wherein the holder comprises: a support arranged to engage one of said two ends of the egg; and a cylindrical accommodation comprising at least two arms extending from the support in use in the longitudinal direction of the egg to engage the egg at a distance from the support characterised in that the arms are flexible and curved in correspondence with the circumferential shape of the egg and in use yield to align the egg when the arms move over the egg to be engaged by the support.

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

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF ACRYLIC ACID OR ITS DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:C08F220/06,A61L15/60,C08L33/02 :61/623054 :11/04/2012 :U.S.A. :PCT/US2013/036155 :11/04/2013 :WO 2013/155291 :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)GODLEWSKI Jane Ellen 2)LINGOES Janette Villalobos 3)COLLIAS Dimitris Ioannis 4)VELASQUEZ Juan Esteban
Application Number Filing Date	:NA :NA	

(57) Abstract :

Processes for the catalytic dehydration of hydroxypropionic acid hydroxypropionic acid derivatives or mixtures thereof to acrylic acid acrylic acid derivatives or mixtures thereof with high yield and selectivity and without significant conversion to undesired side products such as acetaldehyde propanoic acid and acetic acid are provided.

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

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ELEVATED	TRACK SYSTEM	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E01C1/04 :A 50124/2012 :04/04/2012 :Austria :PCT/AT2013/050079 :04/04/2013 :WO 2013/149280 :NA :NA :NA :NA	 (71)Name of Applicant : 1)G-TSCHL Franz Address of Applicant :Mrzstrae 1 A 1150 Wien Austria (72)Name of Inventor : 1)SPAROWITZ Lutz

(57) Abstract :

The invention relates to an elevated track system (1) with elevated tracks (3) running above ground level which have transit routes (4) crossing one another running one above the other at the crossing areas (7) and circulating transfer routes (8) surrounded by transit route sections (9) between the crossing areas (7) wherein the transit route sections (9) are connected to the circulating transfer routes (8) along transfer areas (11).

No. of Pages : 24 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C04B16/04 :61/635936 :20/04/2012 :U.S.A. :PCT/US2013/037154 :18/04/2013 :WO 2013/158870 :NA :NA	 (71)Name of Applicant : 1)W.R. GRACE & CO. CONN. Address of Applicant :7500 Grace Drive Columbia MD 21044 U.S.A. (72)Name of Inventor : 1)CHEN Ying 2)KUO Lawrence L. 3)JEKNAVORIAN Ara A.
		3)JEKNAVORIAN Ara A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : STABILIZED DEFOAMERS FOR CEMENTITIOUS COMPOSITIONS

(57) Abstract :

The present invention discloses additive compositions cementitious compositions and methods for controlling air in cementitious compositions in which colloidal nano particles are used for stabilizing a water dispersible defoamer within a cement dispersant containing aqueous additive formulation for modifying hydratable cementitious compositions such as cement or concrete.

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WIRELESS COMMUNICATION DEVICE COMMUNICATION SYSTEM AND COMMUNICATION METHOD

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04W8/00,H04M1/00,H04W88/02 :2012091549 :13/04/2012	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:07/03/2013	1)YAMAURA Tomoya
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

In the present invention a user easily uses a desired application. This wireless communication device is equipped with a communication unit and a control unit. The communication unit executes a connection apparatus discovery process before establishing a wireless connection. Also the communication unit executes an establishment process for establishing a wireless connection by transmitting/receiving data containing an information element for designating a specific application when it is detected that the connection apparatus detected by the connection apparatus detection process corresponds to the specific application. The control unit transmits/receives data containing information comparable to the information element without severing the wireless connection when a specific application is designated after the establishing of a wireless connection without a specific application having been designated during the establishment process. Also control is performed for designating the specific application.

No. of Pages : 80 No. of Claims : 14

(22) Date of filing of Application :07/10/2014

(54) Title of the invention : GRAVITY CONVEYOR

		1
(51) International classification	:B65G21/18,B65G47/51	(71)Name of Applicant :
(31) Priority Document No	:AM20120062	1)ARUTYUNYAN Vladimir
(32) Priority Date	:16/04/2012	Address of Applicant :23 Sundukyan str. apt. 52 Yerevan 0012
(33) Name of priority country	:Armenia	Armenia
(86) International Application No	:PCT/AM2013/000003	(72)Name of Inventor :
Filing Date	:07/03/2013	1)VARDANYAN Armen
(87) International Publication No	:WO 2013/155539	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to industrial means of transportation. The gravity conveyer having an inlet an outlet and a multi loop spiral belt (2) connecting the inlet and outlet said belt being installed around a vertical axis. The belt (2) is designed as a ferroconcrete surface each loop of which being square shaped and along which movable gravity driven carts are mounted to run in a preset trajectory and overhead manipulators (7) detached from said carts. Manipulator travel trajectory is determined by a guide attached to the lower surface of the belt (2). The carts travel trajectory is determined by a guide attached to the upper surface of the belt. There are technological stations (5) installed along the belt and the carts and manipulators (7) controlled by a programmable magneto optical system run and stop relative to said stations (5). A conveyer is invented enabling relevant treatment of the loads transported on the belt as required by technology.

No. of Pages : 9 No. of Claims : 1

(21) Application No.8308/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:01/1900/01 :18/12/2011 :Argentina :PCT/IB2012/051170 :13/03/2012 :WO 2013/136115 :NA	 (71)Name of Applicant : 1)PIRAMAL ENTERPRISES LIMITED Address of Applicant :Piramal Tower Ganpatrao Kadam Marg Lower Parel Mumbai 400013 Maharashtra India (72)Name of Inventor : 1)MATHUR Vijaywanth 2)NEVREKER Vaishali 3)MATHEW Rahul
(61) Patent of Addition to Application	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : BIOSENSOR HAVING NANOSTRUCURED ELECTRODES

(57) Abstract :

The present invention provides a substrate for a microfluidic device comprising a polymeric base plate at least one sensor formed over the polymeric base plate for detecting at least one target analyte from a sample the sensor comprising at least one reference electrode and at least one working electrode wherein a plurality of nanostructures deposited over the working electrode for increasing the surface area of the working electrode and at least one recognition element bound to or deposited over the nanostructures. The microfluidic device of the present invention is a point of care self calibrated self contained hand held device for rapid screening and diagnosis of various disease markers.

No. of Pages : 25 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MIXING DEVICE FOR MIXING RAW MATERIAL AND CATALYST IN FLUID CATALYTIC CRACKING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2012-102399 :27/04/2012 :Japan :PCT/JP2013/051102 :21/01/2013 o:WO 2013/161333 :NA :NA :NA	 (71)Name of Applicant : 1)JX NIPPON OIL & ENERGY CORPORATION Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku Tokyo 1008162 Japan (72)Name of Inventor : 1)SHIMADA Koji 2)SAITO Naoya
	:NA :NA	

(57) Abstract :

The mixing device of the present invention for mixing a raw material and a catalyst used in a fluid catalytic cracking device is provided with a cylindrical reaction container (5) for supplying a catalyst (S) in the vertical direction a plurality of raw material spraying nozzles (6a) disposed along the external periphery of the reaction container (5) and a catalyst flow rectifier (7) for rectifying a flow of the catalyst (S) in the vicinity of the raw material spraying nozzles. The catalyst flow rectifier (7) lacks functionality for supplying raw material and forms a hollow cylindrical catalyst movement layer coaxially with the reaction container (5) in the vicinity of the raw material spraying nozzles (6a). Backflow of sprayed fuel can be effectively prevented by the catalyst flow rectifier. The mixing device has a simple structure yet has a high cracking rate. Maintenance of the fluid catalytic cracking device is facilitated.

No. of Pages : 26 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TREATMENT SOLUTION DELIVERY IN AN EXTRACORPOREAL BLOOD TREATMENT APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M1/16 :12001975.7 :21/03/2012 :EPO :PCT/IB2013/052202 :20/03/2013 :WO 2013/140346 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GAMBRO LUNDIA AB Address of Applicant :P.o. Box 10101 S 22010 Lund Sweden (72)Name of Inventor : 1)POUCHOULIN Dominique
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(57) Abstract :

Blood treatment apparatus and methods of using the same are described herein that include two or more intermediate containers located between a treatment solution source and a port through which the treatment solution is to be delivered with the blood treatment apparatus. The weight of the intermediate containers is measured and used to control the refilling and emptying of treatment solution in the intermediate containers.

No. of Pages : 48 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CATIONIC GRAFT COPOLYMER FOR DRUG DELIVERY SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61K47/36,A61K31/337,A61K38/00 :2012037870 :23/02/2012 :Japan	 (71)Name of Applicant : 1)ONISHI Yasuhiko Address of Applicant :39 4 Kosora cho Seto shi Aichi 4890842 Japan (72)Name of Inventor : 1)ONISHI Yasuhiko
(86) International Application No Filing Date	:PCT/JP2013/055602 :21/02/2013	
(87) International Publication No	:WO 2013/125730	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cationic graft-copolymer for a drug delivery system comprising a unit derived from a cationic derivative of a water soluble linear polymers having a hydroxyl groups, namely, a cationic polysaccharide of the following formula (1) (C6H,O2(OH)3-a(OX)a)H2O (1) and a unit derived from a polymerizable olefin compound of the following formula (2)(a, x, X, R4, R5, R6, and R7 are defined in claim 1-8); a process for preparing the same and a transfection reagent made therefrom.

No. of Pages : 42 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TURNBUCKLE FOR CONNECTING STRUCTURAL ELEMENTS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/EP2012/001037 :08/03/2012 :WO 2013/131530 :NA :NA	 (71)Name of Applicant : 1)B.T. INNOVATION GMBH Address of Applicant :Sudenburger Wuhne 60 39116 Magdeburg Germany (72)Name of Inventor : 1)JAESCHKE Klaus
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a turnbuckle (1) for connecting structural elements particularly precast concrete parts (10) which is formed substantially in a shell shape and a receiving chamber (2) accessible at least from the outside by means of an access opening (9) and also has passage sections (3, 4) preferably facing each other opening into the receiving chamber said passage sections being preferably designed as passage openings for the insertion of fastening means (13). The present invention also relates to a construction kit for connecting structural elements a method for connecting structural elements an arrangement for connecting structural elements and a method for preparing structural elements.

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

(19) INDIA

(22) Date of filing of Application :14/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR REFINING SQUALENE PRODUCED BY MICROALGAE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B01D11/04,A23L1/30,A61K8/97 :1253496 :16/04/2012 :France :PCT/FR2013/050812 :15/04/2013 :WO 2013/156720	 1)ROQUETTE FRERES Address of Applicant :1 Rue de la Haute Loge F 62136 Lestrem France (72)Name of Inventor : LOOTEN Philippe PATINIER Samuel PERRUT Michel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)PERRUT Vincent

(57) Abstract :

The invention relates to a method for preparing a composition that is very rich in squalene produced by fermentation of micro organisms. The method is characterised in that it comprises a purification step selected from the group including: supercritical CO2 extraction in a multi stage counter current fractionation column with extract reflux and short path molecular distillation.

No. of Pages : 44 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:C23C14/34	(71)Name of Applicant :
(31) Priority Document No	:10 2012 006 717.8	1)OERLIKON TRADING AG TRBBACH
(32) Priority Date	:04/04/2012	Address of Applicant :Hauptstrasse 53 CH 9477 Tr ¹ /4bbach
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2013/000623	(72)Name of Inventor :
Filing Date	:05/03/2013	1)KRASSNITZER Siegfried
(87) International Publication No	:WO 2013/149692	2)HAGMANN Juerg
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TARGET ADAPTED TO AN INDIRECT COOLING DEVICE

(57) Abstract :

The invention relates to a target which is embodied as a material source for a depositing method from the gas phase comprising a front side and a rear side characterized in that a self adhesive carbon film is applied to the rear side. Said target can be embodied as a material source for a sputtering method and/or for an arc evaporation method. A particular advantage is that the target is used in a coating source with indirect cooling the self adhesive carbon film being in contact with the surface of the membrane which is part of a cooling channel.

No. of Pages : 16 No. of Claims : 7

(19) INDIA(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS RELATING TO PERSONAL CARE COMPOSITIONS

(51) International classification	:A61Q9/02,A61Q19/00,A61K8/92	(71)Name of Applicant :
(31) Priority Document No	:61/635884	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:20/04/2012	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application	:PCT/US2013/037165	(72)Name of Inventor :
No	:18/04/2013	1)STELLA Qing
Filing Date	.10/04/2015	2)GUSKEY Gerald John
(87) International Publication	:WO 2013/158878	3)GARZA Cynthia Ann
No		4)COFFINDAFFER Timothy Woodrow
(61) Patent of Addition to	:NA	5)CARTER John David
Application Number	:NA	6)KYTE Kenneth Eugene III
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

A personal cleansing composition includes a cleansing phase and a benefit phase the benefit phase having a hydrophobic benefit agent and one or more oligomers derived from metathesis of unsaturated polyol esters and methods relating thereto.

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

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PERSONAL CLEANSING COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61Q9/02,A61Q19/00,A61K8/92 :61/635884 :20/04/2012 :U.S.A. :PCT/US2013/037164 :18/04/2013 :WO 2013/158877	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)STELLA Qing 2)GUSKEY Gerald John 3)GARZA Cynthia Ann 4)COFFINDAFFER Timothy Woodrow
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)CARTER John David 6)KYTE Kenneth Eugene III

(57) Abstract :

A personal cleansing composition includes a cleansing phase and a benefit phase the benefit phase having a hydrophobic benefit agent and one or more oligomers derived from metathesis of unsaturated polyol esters.

No. of Pages : 34 No. of Claims : 15

(21) Application No.8526/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS FOR INACTIVATING VIRUSES DURING A PROTEIN PURIFICATION PROCESS

(51) International classification(31) Priority Document No(32) Priority Date	:C12N7/04,C12N7/06,C07K1/16 :61/666145 :29/06/2012	 (71)Name of Applicant : 1)EMD MILLIPORE CORPORATION Address of Applicant :290 Concord Road Billerica MA 01821
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application N	o:PCT/US2013/045677	(72)Name of Inventor :
Filing Date	:13/06/2013	1)XENOPOULOS Alex
(87) International Publication No.	o :WO 2014/004103	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present application relates to novel and improved methods of achieving virus inactivation during a protein purification process.

No. of Pages : 50 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : THERMOPLASTIC POLYMER COMPOSITION AND MOULDED PARTS MADE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L77/02,C08K3/00 :NA : - : :PCT/EP2012/058390 :07/05/2012 :WO 2013/167166 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DSM IP Assets B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)DULLAERT Konraad Albert Louise Hector 2)WANG Zhujuan 3)SOUR Wilhelmus Josephus Maria
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(57) Abstract :

The invention relates a heat stabilized thermoplastic polymer composition comprising polyamide polymer and a heat stabilizer system as well as moulded parts made thereof. The thermoplastic polymer composition comprises (A) a blend of at least two polyamide polymers comprising a first polyamide (a.1) being a semi crystalline polyamide with a melting temperature of at least 240°C and a second polyamide (a.2) being either polyamide 6 or a copolyamide of polyamide 6 and another polyamide (B) a heat stabilizer system; and (C) a polyarylene sulfide polymer wherein (A) and (C) are present in a weight ratio in the range of 90:10 20:80.

No. of Pages : 15 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ROTOR FOR VARIABLE VALVE TIMING SYSTEM AND VVT SYSTEM COMPRISING THE ROTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01L1/344 :61/640866 :01/05/2012 :U.S.A. :PCT/EP2013/058760 :26/04/2013 :WO 2013/164272 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)HARDING Jeff 2)HOWARTH Carl 3)BURNHAM Bill
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(57) Abstract :

The invention relates to rotor body for a variable valve timing system comprising a main body comprising a front side a back side and vanes tips made from a fibrous reinforced polymeric material a central part comprising an (axial) bore hole made of metal and sealing elements made of a non reinforced polymeric material at the vain tips and at the front side and back side. The invention also relates to a variable valve timing system comprising an assembly of a rotor and a stator receiving the rotor on a camshaft wherein the rotor is a rotor body as described above wherein an end part of the camshaft and/or a fixing element is received in the bore hole and the rotor is fixed at the end part of the camshaft with the fixing element.

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DATA COMMUNICATION DEVICE FOR A TRANSPORT MEANS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2012 205 884.2 :11/04/2012 :Germany :PCT/EP2013/057489 :10/04/2013 :WO 2013/153113 :NA :NA :NA	 (71)Name of Applicant : 1)LUFTHANSA SYSTEMS AG Address of Applicant :Am Weiher 24 65451 Kelsterbach Germany (72)Name of Inventor : 1)HOMMEL Peter 2)LIEBE Jrg
Filing Date	:NA	

(57) Abstract :

A simplified mobile data communication device (10) for a transport means has a data server (14) and a broadband data communication interface (16) connected to the data server (14), the data communication device (10) having an entirely sealable, portable housing (12) which entirely surrounds the data server (14) and the data communication interface (16).

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

(19) INDIA

(22) Date of filing of Application :07/10/2014

(54) Title of the invention : CLOSTRIDIUM DIFFICILE ANTIGENS

(43) Publication Date : 15/05/2015

(51) International classification	:A61K39/08,C07K14/33	(71)Name of Applicant :
(31) Priority Document No	:1206070.3	1)THE SECRETARY OF STATE FOR HEALTH
(32) Priority Date	:04/04/2012	Address of Applicant :Richmond House 79 Whitehall Londor
(33) Name of priority country	:U.K.	SW1A 2NS U.K.
(86) International Application No	:PCT/GB2013/050886	(72)Name of Inventor :
Filing Date	:04/04/2013	1)SHONE Clifford
(87) International Publication No	:WO 2013/150309	2)ROBERTS April
(61) Patent of Addition to Application	:NA	3)MAYNARD SMITH Michael
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to recombinant Clostridium difficile antigens based on a polypeptide consisting of or comprising an amino acid sequence having at least 80% sequence identity with an amino acid sequence consisting of residues 1500 700 of a C. difficile Toxin A sequence or a C. difficile Toxin B sequence; though with the proviso that the polypeptide does not include one or more Repeat Unit (RU) located between amino acid residues 1851 2710 of C. difficile Toxin A and/ or residues 1853 2366 of a C. difficile Toxin B protein that consists of or comprises a first amino acid sequence and a second amino acid. Also provided is the use of said antigens for the prevention/ treatment/ suppression of Clostridium difficile infection (CDI) together with methods for generating said antigens methods for generating antibodies that bind to said antigens and the use of said antibodies for the prevention/ treatment/ suppression of CDI.

No. of Pages : 63 No. of Claims : 19

(21) Application No.8328/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:61/623799	1)SEALED AIR CORPORATION (US)
(32) Priority Date	:13/04/2012	Address of Applicant :200 Riverfront Boulevard Elmwood
(33) Name of priority country	:U.S.A.	Park NJ 07407 U.S.A.
(86) International Application No	:PCT/US2013/036091	(72)Name of Inventor :
Filing Date	:11/04/2013	1)KOKE John
(87) International Publication No	:WO 2013/155255	2)SPERRY Charles R.
(61) Patent of Addition to Application	·NI A	3)PIUCCI Vincent A.
Number		4)SMITH Stephen D.
Filing Date	INA	5)HEALEY Daniel P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)PIUCCI Vincent A. 4)SMITH Stephen D.

(54) Title of the invention : FRESH DEPARTMENTS MANAGEMENT SYSTEM

(57) Abstract :

The system comprises a central processing module that is configured to interconnect the fresh departments and operational functions. These tasks can include facilitated order fulfillment inventory and accounting functions sanitation maintenance traceability and others. This is a system that integrates various subsystems within the fresh departments as well as integrating the fresh departments together. The system may also utilize a plurality of slicing machines that communicate with the centralized processing unit. The software modules resident in the processing unit receive inputs that represent customer orders and dispatch these orders to the plurality of slicing machines are in communication with the software modules such that the modules are aware of the food product that is currently placed on the slicer. In this way the software modules are able to direct specific orders to a particular slicing machine minimizing human interaction and customer wait time.

No. of Pages : 43 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LID AND VAPOR DIRECTING BAFFLE FOR BEVERAGE CONTAINER

(51) International classification	:B65D43/02,B65D47/06,B65D51/24	(71)Name of Applicant :1)FLEMING Douglas H.
(31) Priority Document No	:61/614955	Address of Applicant :9300 Northtown Drive Bainbridge
(32) Priority Date	:23/03/2012	Island WA 98110 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2013/030612 :12/03/2013 :WO 2013/142160	1)FLEMING Douglas H.
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

A drink through lid for a beverage container. The lid provides a drink outlet that allows liquid to fill a drink well base from which a consumer may sip a beverage similar to using a cup or mug. The base is sized and shaped to sealingly engage the opening of the beverage container. A hollow raised lip portion is provided and it has an exterior portion extending upwardly from the base. An outer lip portion is provided with interior portion sloping downwardly and inwardly. A drink well base may have a sloped floor extending upwardly from a peripheral side along the lower end portions. At least one drink outlet is provided.

No. of Pages : 61 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ETHYLENE RECOVERY BY ABSORPTION

(51) International classification	:B01D53/00,C08F6/00,C08F10/02	(71)Name of Applicant :
(31) Priority Document No	:13/446965	1) CHEVRON PHILLIPS CHEMICAL COMPANY LP
(32) Priority Date	:13/04/2012	Address of Applicant :10001 Six Pines Drive The Woodlands
(33) Name of priority country	:U.S.A.	Texas 77380 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/035103 :03/04/2013	(72)Name of Inventor :1)HOTTOVY John D2)CHANG Ai Fu
(87) International Publication No	:WO 2013/154882	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for recovery of ethylene from a polymerization product stream of a polyethylene production system comprising separating a light gas stream from the polymerization product stream wherein the light gas stream comprises ethane and unreacted ethylene contacting the light gas stream with an absorption solvent system wherein the contacting the light gas stream with the absorption solvent system occurs at a temperature in a range of from about 40° F to about 110° F wherein at least a portion of the unreacted ethylene from the light gas stream is absorbed by the absorption solvent system and recovering unreacted ethylene from the absorption solvent system to yield recovered ethylene.

No. of Pages : 71 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR OPERATING AN ELECTRICAL MOTOR APPARATUS AND CORRESPONDING ELECTRICAL MOTOR APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02P27/08,H02P6/08 :10 2012 211 356.8 :29/06/2012 :Germany :PCT/EP2013/059351 :06/05/2013 :WO 2014/000929 :NA :NA :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : SCHULZE ICKING KONERT Georg
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(57) Abstract :

The invention relates to a method for operating an electrical motor apparatus (1) having a microprocessor (16) an working memory (17) and an electrically commutable electrical motor (2) which has a plurality of motor phases (3,4,5) each of which are connected to an actuator (7,8,9) which is activated by a pulse width modulation apparatus (19) in modulation periods wherein the pulse width modulation apparatus (19) activates the respective actuator (7,8,9) during each modulation period based on a target pulse duty factor allocated to the respective motor phase (3,4,5). According to the invention the microprocessor (16) writes at least one table (27,27,27,27,27) having a plurality of successive specified pulse duty factors (26,26,26,26) to the working memory (17) and one of the specified pulse duty factors (26,26,26,26) is periodically read from the table (27,27,27,27,27) by means of a direct memory access circumventing the microprocessor (16) for each motor phase (3, 4, 5) and supplied to the pulse width modulation apparatus (19) as a target pulse duty factor. The invention furthermore relates to an electrical motor apparatus (1).

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

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BRAKE SYSTEM FOR A MOTORCYCLE METHOD FOR INSTALLING A BRAKE SYSTEM ON A MOTORCYCLE AND METHOD FOR BRAKING A MOTORCYCLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n :B60T8/32,B60T13/66,B60T13/74 :10 2012 209 223.4 :31/05/2012 :Germany	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2013/059459 :07/05/2013 :WO 2013/178441	 (72)Name of Inventor : 1)BAREISS Alexander 2)REINER Juergen
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a brake system for a motorcycle comprising a hydraulic braking device (10) having at least one first master brake cylinder (12) and at least one first wheel brake cylinder (14) which is or can be hydraulically connected to the first master brake cylinder (12) at least by means of a first brake circuit (18) and can be associated with at least one first wheel (20) in such a way that the at least one first wheel (20) can be braked by means of the at least one first wheel brake cylinder (14) and an electric motor (22) which can be associated with at least one second wheel (24) in such a way that at least the second wheel (24) can be braked by means of the electric motor (22) wherein the electric motor (22) can be associated with at least one wheel (24) free of a wheel brake cylinder as the at least one second wheel (24). The invention further relates to a method for installing a brake system on a motorcycle. The invention further relates to a method for braking a motorcycle.

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

(21) Application No.8514/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/10/2014

(54) Title of the invention : ELECTROSTATIC SPRAY TOOL POWER SUPPLY

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B05B5/053,H02K7/18 :61/635826 :19/04/2012 :U.S.A. :PCT/US2013/031091 :13/03/2013 :WO 2013/158267 :NA	 (71)Name of Applicant : 1)FINISHING BRANDS HOLDINGS INC. Address of Applicant :88 11th Avenue Ne Minneapolis MN 55413 U.S.A. (72)Name of Inventor : 1)BALTZ James P. 2)CEDOZ Roger T. 3)HASSELSCHWERT Daniel J.

(57) Abstract :

An electrostatic spray tool (10) is provided to output an electrostatically charged spray (14). The electrostatic spray tool (10) includes a portable power module (100). The portable power module (100) includes an air flow switch (202) configured to regulate air flow within the portable power module (100) and a turbine generator (204) configured to generate a voltage from the air flow.

No. of Pages : 29 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPOSITIONS HAVING MEANS FOR TARGETING AT LEAST ONE ANTIGEN TO DENDRITIC CELLS

(51) International classification	:A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:11305959.6	1)INSTITUT CURIE
(32) Priority Date	:22/07/2011	Address of Applicant :26 rue dUlm F 75005 PARIS France
(33) Name of priority country	:EPO	2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application No	:PCT/EP2012/064425	SCIENTIFIQUE
Filing Date	:23/07/2012	3)INSTITUT NATIONAL DE LA SANTE ET DE LA
(87) International Publication No	:WO 2013/014128	RECHERCHE MEDICALE
(61) Patent of Addition to Application	:NA	4)ASSISTANCE PUBLIQUE HOPITAUX DE PARIS
Number	:NA :NA	5)UNIVERSITE PARIS DESCARTES
Filing Date	.NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)TARTOUR Eric
Filing Date	:NA	2)JOHANNES Ludger

(57) Abstract :

A composition that can be used as a vaccine containing means for targeting at least one antigen to dendritic cells and as adjuvants a granulocyte macrophage colony stimulating factor and a CpG oligodeoxynucleotide and/or a CpG like oligodeoxynucleotide. This composition can used to treat cancers infectious diseases caused by bacterial viral fungal parasitic or protozoan infections allergies and/or autoimmune diseases.

No. of Pages : 63 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A61M5/00	(71)Name of Applicant :
(31) Priority Document No	:2012-033556	1)TERUMO KABUSHIKI KAISHA
(32) Priority Date	:20/02/2012	Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku
(33) Name of priority country	:Japan	Tokyo 1510072 Japan
(86) International Application No	:PCT/JP2013/053539	(72)Name of Inventor :
Filing Date	:14/02/2013	1)OKIHARA Hitoshi
(87) International Publication No	:WO 2013/125443	2)KOYAMA Shingo
(61) Patent of Addition to Application	:NA	3)NAKAMURA Koji
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : MEDICAL DEVICE PACKAGING BODY

(57) Abstract :

Provided is a medical device packaging body in which the syringes and a protective sheet in the container body do not adhere to the sealing member even during sterilization treatment using steam and gas inside the container body. The syringe housing container of this medical device packaging body (syringe packaging body) is provided with a container main body and a sheet form sealing member. The container main body has a peripheral wall a bottom an opening and a syringe holding member. The sealing member is adhered to the container main body and seals the opening. The surface facing the container main body of the sealing member has an adhesive coated region and a region not adhesive coated. Further the non coated region is opposite of at least the filling opening of the syringes held by the syringe holding member.

No. of Pages : 61 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM AND PROCESS FOR THE PRODUCTION OF SYNGAS AND FUEL GASSES		
(51) International classification (31) Priority Document No	:C01B3/02,B01J19/00 :13/188167	(71)Name of Applicant : 1)BATTELLE ENERGY ALLIANCE LLC
(31) Priority Document No(32) Priority Date(33) Name of priority country	:21/07/2011 :U.S.A.	Address of Applicant :P.O. Box 1625 Idaho Falls ID 83415 3899 U.S.A.
(86) International Application No Filing Date		(72)Name of Inventor : 1)BINGHAM Dennis N.
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/012473	2)KLINGLER Kerry M. 3)TURNER Terry D.
Number Filing Date	:NA :NA	4)WILDING Bruce M. 5)BENEFIEL Bradley C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The production of gasses and more particularly to systems and methods for the production of syngas and fuel gasses including the production of hydrogen are set forth. In one embodiment system and method includes a reactor having a molten pool of a material comprising sodium carbonate. A supply of conditioned water is in communication with the reactor. A supply of carbon containing material is also in communication with the reactor. In one particular embodiment the carbon containing material may include vacuum residuum (VR). The water and VR may be kept at desired temperatures and pressures compatible with the process that is to take place in the reactor. When introduced into the reactor the water the VR and the molten pool may be homogenously mixed in an environment in which chemical reactions take place including the production of hydrogen and other gasses.

No. of Pages : 40 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BELL COLUMN DOWNTUBE REACTORS UTILIZING SAME AND RELATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B32B17/02,B32B5/12,B32B9/00 :13/188121 :21/07/2011 :U.S.A. :PCT/US2012/038260 :17/05/2012	 (71)Name of Applicant : 1)BATTELLE ENERGY ALLIANCE LLC Address of Applicant :P.O. Box 1625 Idaho Falls ID 83415 3899 U.S.A. (72)Name of Inventor : 1)TURNER Terry D.
Filing Date (87) International Publication No	:17/05/2012 :WO 2013/012472	2)BINGHAM Dennis N. 3)BENEFIEL Bradley C. 4)KLINGLER Kerry M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)WILDING Bruce M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Reactors for carrying out a chemical reaction as well as related components systems and methods are provided. In accordance with one embodiment a reactor is provided that includes a furnace and a crucible positioned for heating by the furnace. A downtube is disposed at least partially within the interior crucible along an axis. At least one structure is coupled with the downtube and extends substantially across the cross sectional area of the interior volume taken in a direction substantially perpendicular to the axis. A plurality of holes is formed in the structure enabling fluid flow therethrough. The structure coupled with the downtube may include a lower body portion and an upper body portion coupled with the lower body portion wherein the plurality of holes is formed in the lower body portion adjacent to and radially outward from a periphery of the upper body portion.

No. of Pages : 34 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

:E03C1/04	(71)Name of Applicant :
:61/636373	1)MASCO CORPORATION OF INDIANA
:20/04/2012	Address of Applicant :55 East 111th Street Indianapolis IN
:U.S.A.	46280 U.S.A.
:PCT/US2013/037384	(72)Name of Inventor :
:19/04/2013	1)MEEHAN Steven Kyle
:WO 2013/159000	2)SAWASKI Joel D.
·N A	3)BELLAMAH Greg F.
:NA	
:NA	
:NA	
	:20/04/2012 :U.S.A. :PCT/US2013/037384 :19/04/2013 :WO 2013/159000 :NA :NA :NA

(54) Title of the invention : FAUCET INCLUDING A PULLOUT WAND WITH CAPACITIVE SENSING

(57) Abstract :

An electronic faucet including a spout hub and a pullout wand removably coupled to the spout hub. The pullout wand is touch sensitive when docked to the spout hub and is not touch sensitive when undocked from the spout hub. The present invention relates generally to electronic faucets. More particularly the present invention relates to capacitive sensing systems and methods for operating a faucet. It is known to provide faucets with pullout sprayheads or wands fluidly connected to flexible water supply tubes and releasably coupled to a delivery spout. Such pullout wands often provide multiple delivery modes including a spray mode and a stream mode.

No. of Pages : 33 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYGON OSCILLATING PISTON ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:U.S.A. :PCT/US2013/036099 :11/04/2013 :WO 2013/158452 :NA :NA	 (71)Name of Applicant : STUART Martin A. Address of Applicant :3612 W. Victory Blvd. Burbank CA 91505 U.S.A. 2)CUNNINGHAM Stephen L. (72)Name of Inventor : STUART Martin A. CUNNINGHAM Stephen L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A Polygon Oscillating Piston Engine having multiple pistons on one of two oscillating disks. Each piston moves in a straight line along one of the sides of a polygon within a cylindrical chamber while the oscillating disks move in an arc about a central shaft. The difference in the straight motion of the piston and angular motion of the oscillating disk is accommodated by a slip sleeve within the piston that slides on a peg or bar mounted to each disk. The engine can be configured to operate as an internal combustion engine that uses diesel fuel gasoline or natural gas or it can be configured as an expander to convert high pressure high temperature gas to rotary power. This engines compact design results in a high power to weight ratio.

No. of Pages : 51 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : 2'-SUBSTITUTED CARBA NUCLEOSIDE ANALOGS FOR ANTIVIRAL TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07H19/23,A61K31/706,A61P31/16 :61/610411 :13/03/2012 :U.S.A. :PCT/US2013/030196 :11/03/2013 :WO 2013/138236 :NA :NA	 (71)Name of Applicant : 1)GILEAD SCIENCES INC. Address of Applicant :333 Lakeside Drive Foster City CA 94404 U.S.A. (72)Name of Inventor : 1)CLARKE Michael O Neil Hanrahan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are compounds of Formula I as well as pharmaceutical compositions containing compounds of Formula I and methods for treating virus infections by administering these compounds. The compounds compositions and methods provided are particularly useful for the treatment of Human Influenza virus infections.

No. of Pages : 91 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :10/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND MATERIALS FOR CULTIVATION AND/OR PROPAGATION OF A PHOTOSYNTHETIC ORGANISM

(51) International classification (31) Priority Document No	:C12M3/00,F21S2/00,C12P7/64 :61/612001	(71)Name of Applicant : 1)FORELIGHT LLC
(32) Priority Date	:16/03/2012	Address of Applicant : P.O. Box 535 Blue Island Illinois 60406
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/031922	(72)Name of Inventor :
Filing Date	:15/03/2013	1)FLYNN Adam
(87) International Publication No	:WO 2013/138690	2)KANTAREK Jeff
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure provides methods and materials for the cultivation and/or propagation of a photosynthetic organism. Such methods may comprise the use of a lamp assembly that comprises a plurality of circuit boards each comprising at least three edges arranged in a substantially spherical shape defining an interior lamp assembly volume wherein the plurality of circuit boards comprise a first planar surface in contact with the interior lamp assembly volume and an opposing second planar surface comprising light emitting diodes (LEDs); and a barrier that surrounds the plurality of circuit boards forming the substantially spherical shape.

No. of Pages : 58 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SEGMENTED MOTOR/GENERATOR WITH TRANSVERSAL FLOW GUIDANCE HIGH THRUST TORQUE AND SMALL MASS INERTIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K21/12,H02K41/03 :10 2012 005 688.5 :19/03/2012 :Germany :PCT/EP2013/055655 :19/03/2013 :WO 2013/139774 :NA :NA :NA	 (71)Name of Applicant : 1)ORTLOFF Helene Address of Applicant :Viale C. Olgiati 20.1 I 6512 Giubiasco Italy (72)Name of Inventor : 1)ORTLOFF Peter
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(57) Abstract :

The present invention relates to a multi phase segmented high performance synchronous machine with transversal flow guidance consisting of at least two or more double segments. The two or more double segments form segments of a linear motor or generator or also segments of a rotating motor or generator. The two or more double segments consist of a series of permanent magnets and soft magnetic yokes with one or more surrounding coils. As a result of a bidirectional design winding currents of the same size flow through two segments of the same size. As a result of a phase shifted yoke arrangement a thrust torque is effected in the same direction of movement. The yokes can be arranged folded down or lying side by side.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INTEGRATED PROCESS TO COPRODUCE TRANS- 1-CHLORO-3,3,3-TRIFLUOROPROPENE, TRANS-1,3,3,3- TETRAFLUOROPROPENE, AND 1,1,1,3,3-PENTAFLUOROPROPANE

(51) International classification	:C07C17/20,C07C17/42,C07C21/18	(71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC.
(31) Priority Document No	:13/432300	Address of Applicant :Patent Services M/S AB/2B 101
(32) Priority Date	:28/03/2012	Columbia Road P.O. Box 2245 Morristown New Jersey 07962
(33) Name of priority country	:U.S.A.	2245 U.S.A.
(86) International ApplicationNoFiling Date	:PCT/US2013/031869 :15/03/2013	(72)Name of Inventor :1)POKROVSKI Konstantin A.2)MERKEL Daniel C.
(87) International Publication No	:WO 2013/148300	3)WANG Haiyou 4)TUNG Hsueh Sung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

Disclosed is an integrated manufacturing process to co-produce (E) l-chloro-3,3,3-trifluoropropene, (E) 1,3,3,3-tetrafluoropropene, and 1,1,1,3,3-pentafluoro-propane starting from a single starting feed material or a mixture of unsaturated hydro - chloro-carbon feed materials comprising 1,1,1,3-tetrachloropropene and/or 1,1,3,3-tetrachloro-propene. The process includes a com bined liquid or vapor phase reaction/purification operation which directly produces (E) l-chloro-3,3,3-trifluoro-propene (1233zd (E)) from these feed materials, which may also include 240fa. In the second liquid phase fluorination reactor 1233zd (E) is contacted with HF in the presence of catalyst to produce 1,1,1,3,3-pentafluoropropane (245fa) with high conversion and selectivity. A third reactor is used for dehydrofluorination of 245fa to produce (E) 1,3,3,3-tetrafluoro-propene (1234ze (E)) by contacting in the liquid phase with a caustic solution or in the vapor phase using a dehydrofluorination catalyst. This operation may be followed by one or more purification processes to recover the 1234ze (E) product.

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

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PACKAGED ANTIMICROBIAL MEDICAL DEVICE HAVING IMPROVED SHELF LIFE AND METHOD OF PREPARING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Ether Date 	:61/621337 :06/04/2012 :U.S.A. :PCT/US2013/035401 :05/04/2013 :WO 2013/152271 :NA :NA	 (71)Name of Applicant : ETHICON INC. Address of Applicant :P.O. Box 151 U.S. Route 22 Somerville New Jersey 08876 U.S.A. (72)Name of Inventor : PRIKRIL Michael David SCALZO Howard L. GISIN Leon
Filing Date	:NA	

(57) Abstract :

A packaged antimicrobial suture. The packaged antimicrobial suture includes an inner package having a source of antimicrobial agent the source of antimicrobial agent comprising a plurality of patches each patch having a pair of antimicrobial material reservoirs; at least one suture positioned within the inner package the at least one suture comprising one or more surfaces; and an outer package having an inner surface the outer package having the inner package positioned within; wherein the at least one suture the inner package and the inner surface of the outer package are subjected to time temperature and pressure conditions sufficient to transfer an effective amount of the antimicrobial agent from the antimicrobial agent source to the at least one suture and the inner package thereby substantially inhibiting bacterial colonization on the at least one suture and the inner package. A method of making a packaged antimicrobial suture having is also provided.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BATTERY STATUS DETECTION AND STORAGE METHOD AND SYSTEM IN MEDICAL MONITORING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)LIFESCAN SCOTLAND LIMITED Address of Applicant :Beechwood Park North Inverness IV2 3ED U.K. (72)Name of Inventor :
Filing Date (87) International Publication No.	:27/03/2013 :WO 2013/144617	1)GUTHRIE Brian
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2013/144617 :NA :NA :NA	2)MACRAE Allan
Filing Date	:NA	

(57) Abstract :

Described herein are systems and methods to determine when a new or fresh battery has been replaced in a medical monitoring device and store a record of such battery replacement so that the battery records of the medical monitoring device can be reliably kept over the life of the monitoring device.

No. of Pages : 22 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A NEW THERAPEUTICAL COMPOSITION CONTAINING APOMORPHINE AS ACTIVE INGREDIENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1 :A61K9/10,A61K9/107,A61K9/08 :11290320.8 :11/07/2011 :EPO	 (71)Name of Applicant : 1)BRITANNIA PHARMACEUTICALS LTD. Address of Applicant :Park View House 65 London Road Newbury Berkshire RG14 1JN U.K.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/EP2012/002916 :11/07/2012 :WO 2013/007381	 (72)Name of Inventor : 1)DEY Michael 2)RICHARD Joel 3)BARONNET Marie Madeleine 4)MONDOLY Nathalie 5)BERTOCCHI Laurent
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	6)HARNETT Jeremiah

(57) Abstract :

The present invention relates to a pharmaceutical composition containing apomorphine as the active pharmaceutical ingredient co solvent antioxidant water having a pH greater than 4. The pharmaceutical formulation is suitable for parenteral administration for the treatment of Parkinson s disease

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(21) Application No.91/DELNP/2014 A

(43) Publication Date : 15/05/2015

(51) International classification	:G08B17/10	(71)Name of Applicant :
(31) Priority Document No	:2011902443	1)XTRALIS TECHNOLOGIES LTD
(32) Priority Date	:22/06/2011	Address of Applicant :2nd Floor One Montague Place N 3933
(33) Name of priority country	:Australia	Nassau Bahamas
(86) International Application No	:PCT/AU2012/000711	(72)Name of Inventor :
Filing Date	:21/06/2012	1)AJAY Kemal
(87) International Publication No	:WO 2012/174593	2)ALEXANDER Brian
(61) Patent of Addition to Application	·NA	
Number		
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Number Filing Date (62) Divisional to Application Number		

(54) Title of the invention : PARTICLE DETECTOR WITH DUST REJECTION

(57) Abstract :

A system and method of reducing the incidence of false alarms attributable to dust in smoke detection apparatus. The method includes obtaining at least two sample air flows subjecting a first airflow to particle reduction and measuring the level of particles in the first airflow and generating a first signal indicative of the intensity. The method also includes measuring the level of particles in the second airflow and generating a second signal indicative of the intensity. The first signal is compared to a predetermined alarm level and if the alarm level is achieved the first and second signals are subsequently compared and an output signal is generated based on the relative difference between the first and second signals.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS FOR PRODUCING ALUMINUM ALLOY TUBE HAVING SACRIFICIAL ANTICORROSION LAYER AND JOINING LAYER

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/JP2012/069588 :01/08/2012 :WO 2014/020722 :NA :NA	 (71)Name of Applicant : 1)UACJ CORPORATION Address of Applicant :1 7 2 Otemachi Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor : 1)MORI Kensuke
Filing Date	:NA	

(57) Abstract :

Provided is an aluminum alloy tube which exhibits excellent corrosion resistance and which has a joining layer for brazing. Also provided is a heat exchanger provided with fins which are made using not a brazing sheet but an inexpensive and easily available bare material. A process for producing an aluminum alloy tube including: a step for arc spraying Zn having a purity of 95% or higher on the surface of an aluminum alloy tube under the conditions of spray weight of 3 to 10g/m and spray rate of 150-10 to 350-10 mm/sec to form a Zn containing sacrificial anti corrosion layer; and a step for applying a joining material for brazing said joining material consisting of a mixture obtained by mixing Si powder having a purity of 95% or higher with a flux onto the surface of the sacrificial anti corrosion layer with the amount of the Si powder applied being adjusted to 1.2 to 3.0g/m and thereby forming a joining layer for brazing.

No. of Pages : 21 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B21C51/00	(71)Name of Applicant :
(31) Priority Document No	:2012099124	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:24/04/2012	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2013/061822	Tokyo 1008071 Japan
Filing Date	:23/04/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/161780	1)ITO Kensaku
(61) Patent of Addition to Application	. NT A	2)KINOMOTO Takeshi
Number	:NA	3)ONO Genji
Filing Date	:NA	4)IZUMI Ryoh
(62) Divisional to Application Number	:NA	5)TATEISHI Yasuhiro
Filing Date	:NA	6)KANO Ryuichi

(54) Title of the invention : ROLLING APPARATUS AND ROLLING MONITORING METHOD

(57) Abstract :

Provided is a rolling apparatus that is capable of recognizing the state of rolling such as the behavior of a steel plate caught by a rolling stand and stably performing a rolling operation. A rolling apparatus (10) comprises: a plurality of rolling stands (11) that include a pair of rolling rolls (12) and imaging means (15) that is placed between adjacent rolling stands (11A and 11B) and images a steel plate (1) caught by the pair of rolling rolls (12B) of the rolling stand (11B) from an upstream side of the rolling stand (11A) which is disposed at the rolling direction downstream side; and the imaging means (15) disposed in a plate width direction central portion of a passable area (P) of the steel plate (1) at the upstream side in a rolling direction (Z) of the rolling stand (11B) in such a manner as to satisfy the relationship of the following formula 1: $2-L-\tan(a/2)>W|(1)$. Herein L is the rolling direction distance between the rolling stand (11B) placed on the rolling direction downstream side and the imaging means (15) a is the horizontal viewing angle of the imaging means and W is the maximum width of the steel plate (1).

No. of Pages : 36 No. of Claims : 6

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VEHICLE SE	EAT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N2/22 :61/643587 :07/05/2012 :U.S.A. :PCT/US2013/039858 :07/05/2013 :WO 2013/169717 :NA :NA :NA :NA	 (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 E. 32nd Street Holland MI 49423 U.S.A. (72)Name of Inventor : 1)LINNENBRINK Jorg 2)KIENKE Ingo 3)SEIBOLD Kurt 4)BALIN Alexander I

(57) Abstract :

The present invention relate to a vehicle seat (1) having a backrest (3) which is provided to be pivotable on a seat part about a pivot axis.

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

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SEAT ADJUSTMENT DEVICE FOR VERTICAL ADJUSTMENT OF A VEHICLE SEAT

Filing Date :07/05/20	5871)JOHNSON CONTROLS TECHNOLOGY COMPANY012Address of Applicant :915 E. 32nd Street Holland MI 49423U.S.A.(72)Name of Inventor :
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(57) Abstract :

Seat height adjustment having vertical slots (21 fig. 3) provided on the seat structure (20) and a displacer (14) which is provided with tilted slots (15) and which can be moved horizontally in order to lift or lower the seat.

No. of Pages : 23 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FASTENER AND FASTENER ASSEMBLY HAVING IMPROVED VIBRATIONAL AND TIGHTENING CHARACTERISTICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:F16B39/28,F16B39/36 :61/610651 :14/03/2012 :U.S.A. :PCT/US2013/031094 :13/03/2013 :WO 2013/138533 :NA :NA	 (71)Name of Applicant : 1)ALLIED INDUSTRIAL CORPORATION Address of Applicant :P.O. Box 504 Martinsville VA 24114 U.S.A. (72)Name of Inventor : 1)DIONNE Pierre A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fastener assembly is provided. The fastener assembly includes a nut having an internally threaded portion and an annulus extending from the nut and configured for receiving the shank of an elongate fastener. A compression collar is configured for deflecting the annulus into at least one of fixed engagement with the shank or to impart a spring bias of the annulus against the compression collar upon tightening of the nut about a working surface.

No. of Pages : 34 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :13/10/2014

(21) Application No.8537/DELNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : BIOMARKERS		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA NA NA NA NA NA 	 (71)Name of Applicant : 1)OTAGO INNOVATION LIMITED Address of Applicant :87 St David Street Dunedin New Zealand (72)Name of Inventor : 1)PEMBERTON Christopher Joseph 2)RICHARDS Arthur Mark 3)BYERS Mathew Simon 	

(57) Abstract :

Ghrelin signal peptide fragment assays and kits useful in the diagnosis prognosis risk

stratification assessing staging monitoring categorizing and determination of further diagnoses and treatment regimens in subjects with various disorders diseases and conditions including pneumonia heart failure or pneumonia and heart failure or suspected pneumonia heart failure or pneumonia and heart failure and methods for monitoring treatment.

No. of Pages : 76 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LYOPHILIZATION OF SYNTHETIC LIPOSOMAL PULMONARY SURFACTANT

(57) Abstract :

Lyophilized pulmonary surfactants having an increased specific surface area and porosity are described. Methods of making the lyophilized pulmonary surfactants are also described.

No. of Pages : 47 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : IMPLEMENTING EPC IN A CLOUD COMPUTER WITH OPENFLOW DATA PLANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)KEMPF James 2)JOHANSSON Bengt E.
No Filing Date	:PCT/IB2013/051833 :08/03/2013	3)PETTERSSON Sten 4)NILSSON Tord K.
(87) International Publication No	:WO 2013/144747	5)LNING Harald
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method implements a control plane of an evolved packet core (EPC) of a long term evolution (LTE) network in a cloud computing system. A cloud manager monitors resource utilization of each control plane module and the control plane traffic handled by each control plane module. The cloud manager detects a threshold level of resource utilization or traffic load for one of the plurality of control plane modules of the EPC. A new control plane module is initialized as a separate virtual machine by the cloud manager in response to detecting the threshold level. The new control plane module signals the plurality of network elements in the data plane to establish flow rules and actions to establish differential routing of flows in the data plane using the control protocol wherein flow matches are encoded using an extensible match structure in which the flow match is encoded as a type length value (TLV).

No. of Pages : 67 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DENTAL MATERIALS BASED ON COMPOUNDS HAVING DEBONDING ON DEMAND PROPERTIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K6/00,A61K6/083 :11180645.1 :08/09/2011 :EPO :PCT/EP2012/067680 :10/09/2012 :WO 2013/034778 :NA :NA :NA	 (71)Name of Applicant : 1)IVOCLAR VIVADENT AG Address of Applicant :Bendererstr. 2 FL 9494 Schaan Liechtenstein (72)Name of Inventor : 1)MOSZNER Norbert 2)HIRT Thomas 3)RIST Kai 4)SALZ Ulrich 5)WEDER Christoph 6)FIORE Gina 7)HEINZMANN Christian 8)RHEINBERGER Volker
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(57) Abstract :

The invention relates to a dental material which comprises a thermolabile Compound of the formula (I): [(Z Jm-Q 1- X)] -T-[Y-Q -(Z)]i, in which T is a thermolabile unit which comprises at least one thermolabile group based on non-covalent interactions, Z1 and Z2 each independently are a polymerizable group selected from vinyl groups, CH2=CR1-CO-0- and CH2=CR1- CO-NR2- or are an adhesive group selected from -Si(OR) 3, -COOH, -0-PO(OH) 2, -PO(OH) 2, -S0 2OH and -SH, Q1 independently in each case is absent or is an (m+1)-valent linear or branched aliphatic Ci-C 2 oradical, which may be interrupted by -O-, -S-, -CO-O-, -O-CO-, NR3-, -NR -CO-, -O-CO-, ror -NR -CO-NR3-, Q2 independently in each case is absent or is an (n+1)- valent linear or branched aliphatic Ci-C 2 radical, which may be interrupted by -O-, -S-, -CO-NR 3-, -NR -CO-, -O-CO-, NR3-, -NR -CO-O- or -NR -CO-NR3-, Q2 independently in each case is absent or is an (n+1)- valent linear or branched aliphatic Ci-C 2 radical, which may be interrupted by -O-, -S-, -CO-NR 3-, -NR -CO-, -O-CO-, NR3-, -NR -CO-O- or -NR -CO-NR3-, Q2 independently in each case is absent or is an (n+1)- valent linear or branched aliphatic Ci-C 2 radical, which may be interrupted by -O-, -S-, -CO-NR 3-, -NR -CO-, -O-CO-, NR3-, -NR -CO-, -O-CO-, -O-CO-, NR3-, -NR -CO-, -O-CO-, -O-CO-, -O-CO-, -O-CO-, -O-CO-, NR3-, -NR -CO-O- or -NR -CO-NR3-, X and Y in each case independently are absent or are -O-, -S-, CO-O-, -O-CO-, -CO-

No. of Pages : 43 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : VI	EGETABLE OIL EXTRACTION	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/AU2012/000653 :07/06/2012 :WO 2012/167315 :NA :NA	 (71)Name of Applicant : 1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION Address of Applicant :Limestone Avenue Campbell Australian Capital Territory 2612 Australia (72)Name of Inventor : 1)AUGUSTIN Maryann 2)JULIANO Pablo 3)MAWSON Raymond 4)SWIERGON Piotr 5)KNOERZER Kai

(57) Abstract :

A method of extracting recovering oil from vegetable material in which oil bearing material is heated and subjected to sonication at least one frequency above 400 kHz removing a first yield of oil by decanting and subjecting the retained material to centrifugal separation to separate out a second yield of oil. Preferably the raw vegetable material is passed through a screw press and the obtained material is heated and subjected to the ultrasonic treatment and then allowed to settle for a predetermined period before decanting the oil layer. Preferably two frequencies above 400 kHz are used one below 1 MHz and the second from 1 MHz. There are many potential transducers arrangements possible for producing standing waves.

No. of Pages : 30 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PURIFICATION OF BIO BASED ACRYLIC ACID TO CRUDE AND GLACIAL ACRYLIC ACID (51) International classification :C07C51/377 (71)Name of Applicant : (31) Priority Document No **1)THE PROCTER & GAMBLE COMPANY** :61/623054 (32) Priority Date Address of Applicant : One Procter & Gamble Plaza Cincinnati :11/04/2012 (33) Name of priority country Ohio 45202 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/036158 (72)Name of Inventor : Filing Date :11/04/2013 1)GODLEWSKI Jane Ellen (87) International Publication No :WO 2013/155292 2)LINGOES Janette Villalobos (61) Patent of Addition to Application 3) VELASQUEZ Juan Esteban :NA Number **4)COLLIAS Dimitris Ioannis** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Processes for the purification of bio based acrylic acid to crude and glacial acrylic acid are provided. The bio based acrylic acid is produced from hydroxypropionic acid hydroxypropionic acid derivatives or mixtures thereof. The purification includes some or all of the following processes: extraction drying distillation and melt crystallization. The produced glacial or crude acrylic acid contains hydroxypropionic hydroxypropionic acid derivatives or mixtures thereof as an impurity.

No. of Pages : 46 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FAULT SIMULATOR FOR CHECKING THE DIAGNOSIS IMPLEMENTED IN A CONTROL DEVICE FOR A LAMBDA SENSOR IN AN INTERNAL COMBUSTION ENGINE

(51) International classification	:G01R31/00,F02D41/14,G05B23/02	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(31) Priority Document No	:10 2012 213 068.3	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(32) Priority Date	:25/07/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:09/07/2013	1)LEDERMANN Bernhard 2)BEVOT Claudius 3)STEINERT Thomas
(87) International Publication No	:WO 2014/016109	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ^h :NA :NA	

(57) Abstract :

The invention relates to a method for checking the fault detection of a control device (14) in an internal combustion engine in case of a malfunction of a connected broadband lambda sensor (10) wherein the checking is performed with a fault simulator (12) arranged between the broadband lambda sensor (10) and the control device (14) and wherein the fault simulator (12) varies in a targeted manner electrical signals exchanged between the broadband lambda sensor (10) and the control device (14) in order to simulate faults of the broadband lambda sensor (10). According to the method a Nernst voltage UNO (11) of the broadband lambda sensor (10) and a pump current IP (16) of the control device are supplied to the fault simulator the fault simulator (12) supplies a pump current IPsonde (15) to the broadband lambda sensor (10) and a Nernst voltage UNO (13) to the control device and in order to simulate faults of the broadband lambda sensor (10) the fault simulator (12) varies the Nernst voltage UNO (13) supplied to the control device relative to the Nernst voltage UNO (11) output by the broadband lambda sensor. The invention further relates to a fault simulator for performing the method. The method and the fault simulator allow the monitoring of the fault detection by control devices for broadband lambda sensors.

No. of Pages : 15 No. of Claims : 9

(21) Application No.8553/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTINUOUS CASTING METHOD FOR SLAB

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:B22D11/128,B22D11/00,B22D11/20 :NA :NA :PCT/JP2012/003388 :24/05/2012 :WO 2013/175536 :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : YAMANAKA Akihiro NAGAI Shinji MURAKAMI Toshihiko MIZUKAMI Hideo
Application Number	:NA :NA	

(57) Abstract :

Provided is a method for continuously casting slabs which is characterized by employing a moveable roll reduction device provided with rollers capable of reducing slab thickness and capable of moving in a vertical direction along the slab from a mold and after drawing of a slab is completed carrying out reduction as the rollers move in the vertical direction along the halted slab. The movement direction of the rollers when reducing the slab may also be a vertical upward direction. Furthermore a cross section of the slab may also be round. According to this continuous casting method porosity and voids in the center of the slab and shrinkage cavities and voids in the top part of the slab can be reduced at a low equipment cost and without a drop in surface quality regardless of the size of the cross sectional area.

No. of Pages : 21 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : UNORIENTED FILM (51) International classification :C08L23/14,C08J5/18,C08F2/00 (71)Name of Applicant : **1)BOREALIS AG** (31) Priority Document No :11174097.3 (32) Priority Date :15/07/2011 Address of Applicant : IZD Tower Wagramerstrae 17 19 A (33) Name of priority country 1220 Austria Austria :EPO (72)Name of Inventor: (86) International Application No:PCT/EP2012/063477 Filing Date :10/07/2012 **1)GAHLEITNER Markus** (87) International Publication No :WO 2013/010852 2)SANDHOLZER Martina (61) Patent of Addition to **3)BERNREITNER Klaus** :NA Application Number **4)LESKINEN Pauli** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Unoriented film comprising at least 70 wt. % of an heterophasic propylene copolymer said heterophasic propylene copolymer comprises a matrix being a random propylene copolymer and an elastomeric propylene copolymer dispersed in said matrix wherein the heterophasic propylene copolymer has (a) a melt flow rate MFR(230°C) in the range of 3.0 to 10.0 g/10 min (b) a melting temperature in the range of 130 to 150 °C (c) a xylene cold soluble content in the range of 25 to 50 wt. % (d) comonomer content in the range of 10.0 to 15.0 wt. % wherein further the xylene cold soluble content of the heterophasic propylene copolymer has (e) a comonomer content in the range of 20 to 30 wt. % and (f) an intrinsic viscosity in the range of 0.8 to below 2.0 dl/g.

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR WELDING ELECTRODES

classification :B23K9/173,B23K35/36,B23K35/362 1 (31) Priority Document No :61/625488 453 (32) Priority Date :17/04/2012 453 (33) Name of priority :U.S.A. 1	 71)Name of Applicant : 1)HOBART BROTHERS COMPANY Address of Applicant :400 Trade Square East Troy Ohio 5373 U.S.A. 72)Name of Inventor : 1)BARHORST Steven Edward 2)AMATA Mario Anthony
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(57) Abstract :

The invention relates generally to welding and more specifically to welding wires for arc welding such as Gas Metal Arc Welding (GMAW) or Flux Core Arc Welding (FCAW). In one embodiment a tubular welding wire includes a sheath and a core. Further the core includes a carbon source and an agglomerate having a Group I or Group II compound silicon dioxide and titanium dioxide. Additionally the carbon source and the agglomerate together comprise less than 10% of the core by weight.

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

(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WELDING	TIP CHANGING DEVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)KOREA T&M CO. LTD Address of Applicant :116 Gacheongongdan ro Samnam myeon Ulju gun Ulsan 689 811 Republic of Korea (72)Name of Inventor : 1)SONG Du Hyeon 2)LEE Joo Hyun 3)LEE Seung Hae

(57) Abstract :

The present invention relates to a welding tip changing device. According to the present invention the welding tip changing device which is mounted on a robot arm to change a welding tip of a welding gun installed on the ground comprises: a welding tip removing means coupled to the robot arm; a welding tip mounting means coupled to one side surface of the welding tip removing means; and a welding tip supply means for supplying a welding tip to the welding tip mounting means the welding tip supply means being spaced apart from the welding tip by a predetermined interval.

No. of Pages : 37 No. of Claims : 11

(21) Application No.7782/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

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

(57) Abstract :

A start control device is applied to a hybrid vehicle (1) provided with a manual transmission (10) an MG (3) connected to an input shaft (11) of the manual transmission (10) via a first clutch (20) that is operated by an operation of depressing a clutch pedal (CP) and an internal combustion engine (3) connected to a rotor shaft (3a) of the MG (3) via a second clutch (21) and when predetermined start conditions are satisfied starts the vehicle by power from the internal combustion engine and/or an electric motor. The start conditions include that the second clutch (21) is in a disengaged state the depression of the clutch pedal (CP) is released to bring the first clutch (20) into an engaged state and that the accelerator position of the vehicle (1) is larger than zero.

No. of Pages : 38 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :14/10/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C10G53/04 :61/612860 :19/03/2012 :U.S.A. :PCT/US2013/032004 :15/03/2013 :WO 2013/142315 :NA :NA :NA	 (71)Name of Applicant : 1)FOSTER WHEELER USA CORPORATION Address of Applicant :585 North Dairy Ashford Road Houston TX 77079 U.S.A. (72)Name of Inventor : 1)GILLIS Daniel B.
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SELECTIVE SEPARATION OF HEAVY COKER GAS OIL

(57) Abstract :

Embodiments of the invention are directed to the improvement of the design of coker systems and processes in order to improve the yields and separation of heavy coker gas oils derived therefrom.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : USE OF WAXLIKE PRODUCTS FOR PLASTICS PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C08L27/06;C08L23/28;C08L27/04 :11005543.1 :07/07/2011 :EPO :PCT/EP2012/002760 :30/06/2012 :WO 2013/004367	 (71)Name of Applicant : 1)CLARIANT FINANCE (BVI) LIMITED Address of Applicant :Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola British Virgin Islands VIRGIN ISLANDS (72)Name of Inventor : 1)HOHNER Gerd 2)HERRLICH Timo 3)TREFFLER Beate 4)FELL Rainer
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The instant invention relates to the use of waxlike esters as lubricants for halogen containing thermoplastics wherein the waxlike esters are prepared by A) metathetic oligomerization of esters of polyols and fatty acids and B) subsequent hydrogenation of the resultant reaction mixture at least some of the fatty acid units present in the polyol esters being singly or multiply unsaturated.

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

(21) Application No.8508/DELNP/2014 A

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPONENT SEPARATIONS IN POLYMERIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D53/00,C08F2/01,C08F6/00 :13/447003 :13/04/2012 :U.S.A. :PCT/US2013/035274 :04/04/2013 o:WO 2013/154907 :NA :NA :NA	 (71)Name of Applicant : 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant :10001 Six Pines Drive The Woodlands TX 77380 U.S.A. (72)Name of Inventor : 1)KUFELD Scott E. 2)HOTTOVY John D. 3)CHANG Ai fu
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(57) Abstract :

(19) INDIA

A process for component separation in a polymer production system comprising separating a polymerization product stream into a gas stream and a polymer stream wherein the gas stream comprises ethane and unreacted ethylene distilling the gas stream into a light hydrocarbon stream wherein the light hydrocarbon stream comprises ethane and unreacted ethylene contacting the light hydrocarbon stream with an absorption solvent system wherein at least a portion of the unreacted ethylene from the light hydrocarbon stream is absorbed by the absorption solvent system and recovering a waste gas stream from the absorption solvent system wherein the waste gas stream comprises ethane hydrogen or combinations thereof.

No. of Pages : 84 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :11/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MEDICAL IMAGE DISPLAY DEVICE MEDICAL IMAGE DISPLAY METHOD AND MEDICAL IMAGE DISPLAY PROGRAM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61B6/03,A61B5/00,A61B5/055 :2012058254 :15/03/2012 :Japan	 (71)Name of Applicant : 1)FUJIFILM CORPORATION Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1068620 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2013/001643 :13/03/2013 :WO 2013/136786	(72)Name of Inventor : 1)SAKURAGI Futoshi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

To configure a medical image display device which displays three dimensional medical images of a subject and additional information images representing information to be added to the three dimensional medical images in such a manner that the additional information images are displayed in a desired color and the additional information images and three dimensional medical images are clearly distinguished. [Solution] This medical image display device is provided with: a medical image acquisition means (11) for acquiring three dimensional images of a subject; a display control means (12) for displaying the three dimensional medical images acquired by the medical image acquisition means and additional information images representing information to be added to the three dimensional medical images; and an additional information display instruction receiving means (13) for receiving instructions for displaying the additional information images in relation to the three dimensional medical images. The display control means (12) displays the additional information images the color of the currently displayed three dimensional medical images to a color that can be distinguished from the color of the additional information images.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RECOMBINANT MICROORGANISM FOR THE PRODUCTION OF USEFUL METABOLITES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Netriling Date (87) International Publication Netriling Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:12/07/2012 D:WO 2013/007786 :NA :NA	 (71)Name of Applicant : 1)SCIENTIST OF FORTUNE S.A. Address of Applicant :7a rue des Glacis L 1628 Luxembourg (72)Name of Inventor : 1)MARLIERE Philippe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Described are recombinant microorganisms characterized by having phosphoketolase activity having a diminished or inactivated Embden Meyerhof Parnas pathway (EMPP) by inactivation of the gene(s) encoding phosphofructokinase or by reducing phosphofructokinase activity as compared to a non modified microorganism and having a diminished or inactivated oxidative branch of the pentose phosphate pathway (PPP) by inactivation of the gene(s) encoding glucose 6 phosphate dehydrogenase or by reducing glucose 6 phosphate dehydrogenase activity as compared to a non modified microorganism. These microorganisms can be used for the production of useful metabolites such as acetone isobutene or propene.

No. of Pages : 84 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DELIVERY UNIT FOR A LIQUID ADDITIVE WITH A TERMPERATURE SENSOR (51) International classification :F01N3/20 (71)Name of Applicant :

(51) International classification	:F01N3/20	(71)Name of Applicant :
(31) Priority Document No	:10 2012 006 249.4	1)EMITEC GESELLSCHAFT FR
(32) Priority Date	:28/03/2012	EMISSIONSTECHNOLOGIE MBH
(33) Name of priority country	:Germany	Address of Applicant :Hauptstrae 128 53797 Lohmar
(86) International Application No	:PCT/EP2013/056457	Germany
Filing Date	:27/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/144173	1)FREDERIKSEN Finn
(61) Patent of Addition to Application	٠NA	2)MAGUIN Georges
Number		3)DIOUF Cheikh
Filing Date	:NA	4)SCHEPERS Sven
(62) Divisional to Application Number	:NA	5)HODGSON Jan
Filing Date	:NA	
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:Germany :PCT/EP2013/056457 :27/03/2013 :WO 2013/144173 :NA :NA :NA	Address of Applicant :Hauptstrae 128 53797 Lohmar Germany (72)Name of Inventor : 1)FREDERIKSEN Finn 2)MAGUIN Georges 3)DIOUF Cheikh 4)SCHEPERS Sven

(57) Abstract :

The invention relates to a delivery unit (1) for delivering a liquid additive in a motor vehicle (2) having at least one temperature sensor (3) by means of which a temperature can be measured in a contactless manner at at least one measurement point (4) in the delivery unit wherein the temperature sensor (3) and the measurement point (4) have a spacing (5) to one another and a radiation channel (6) which is free from fixtures (7) exists between the temperature sensor (3) and the measurement point (4).

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INK WIPING SYSTEM OF AN INTAGLIO PRINTING PRESS AND INTAGLIO PRINTING PRESS COMPRISING THE SAME

(51) International classification	:B41F9/10	(71)Name of Applicant :
(31) Priority Document No	:12158948.5	1)KBA NOTASYS SA
(32) Priority Date	:09/03/2012	Address of Applicant :PO Box 347 55 Avenue du Grey CH
(33) Name of priority country	:EPO	1000 Lausanne 22 Switzerland
(86) International Application No	:PCT/IB2013/051920	(72)Name of Inventor :
Filing Date	:11/03/2013	1)SCHARKUS Volker
(87) International Publication No	:WO 2013/132471	2)SOKOL Ralf Harald
(61) Patent of Addition to Application	:NA	3)SCHWITZKY Volkmar Rolf
Number	:NA :NA	4)CLAUDE Laurent
Filing Date	.11/A	5)WRSCH Alain
(62) Divisional to Application Number	:NA	6)SCHAEDE Johannes Georg
Filing Date	:NA	

(57) Abstract :

There is described an ink wiping system (100; 100; 100) of an intaglio printing press comprising a wiping tank (101) and a rotatable wiping roller assembly (102; 102) supported on and partly located in the wiping tank (101) for wiping excess ink from the surface of a rotatable intaglio printing cylinder (80) of the intaglio printing press. The ink wiping system (100; 100; 100) comprises a wiping roller retracting device (150) which forms an integral part of the ink wiping system (100; 100; 100) and is adapted to be coupled to the wiping roller assembly (102; 102) to move the wiping roller assembly (102; 102) between a working position (W) where the wiping roller assembly (102; 102) is supported on and partly located in the wiping tank (101) for cooperation with the intaglio printing cylinder (80) and a parking position (P) where the wiping roller assembly (102; 102) is retracted out of the wiping tank (101) and away from the intaglio printing cylinder (80). In the working position (W) of the wiping roller assembly (102; 102) the wiping roller retracting device (150) is coupled to the wiping roller assembly (102; 102). The ink wiping system (100; 100; 100) further includes at the parking position (P) a storage section (110) adapted to receive the wiping roller assembly (102; 102) which is retracted by the wiping roller retracting device (150).

No. of Pages : 51 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : LEVER ELEMENT FOR A SPRING DEVICE OF A FRICTION CLUTCH AND CORRESPONDING FRICTION CLUTCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/02/2013 :WO 2013/139571 :NA :NA :NA	 (71)Name of Applicant : 1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG Address of Applicant :Industriestrae 1 3 91074 Herzogenaurach Germany (72)Name of Inventor : 1)LORAN Igor
Filing Date	:NA :NA	

(57) Abstract :

The lever element (200) according to the invention for a spring device (227) of a friction clutch (212) in particular for a drivetrain (303) of a motor vehicle (300) powered by an internal combustion engine wherein the lever element (200) has at a first end (201) an actuating portion (203) and has at a second end (202) situated opposite the first end two spring portions (208) and a lift off portion (205) formed between the spring portions for connecting to a lift off armature (217) for the lift off of a pressure plate (208) of the friction clutch is characterized in that the spring portions (208) are connected in each case via a web element (209) to the lift off portion and the web elements are bent relative to the lift off portion in a direction such that the spring portions enclose an angle (211) of at least 60° with a tangent (210) to the lift off portion in the region of the web element (209).

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F21V8/00,G02B6/00	(71)Name of Applicant :
(31) Priority Document No	:13/425682	1)MORGAN SOLAR INC.
(32) Priority Date	:21/03/2012	Address of Applicant :30 Ordnance Street Toronto Ontario
(33) Name of priority country	:U.S.A.	M6K 1A2 Canada
(86) International Application No	:PCT/IB2013/051732	(72)Name of Inventor :
Filing Date	:05/03/2013	1)MORGAN John Paul
(87) International Publication No	:WO 2013/140285	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LIGHT GUIDE ILLUMINATION DEVICES

(57) Abstract :

A light guide illumination device and system comprises a light source a light redirecting slab and a light guide slab assembly. The light redirecting slab includes a generally planar face having optical redirecting elements the optical redirecting elements having respective optical coupling surfaces situated distally from the planar face. The light guide slab assembly includes a planar face having an optically transmissive interface layer assembled onto a first planar face of the light guide slab and optically coupled to receive transmitted light directed from the light source. The light guide slab is pressed onto the redirecting slab such that the interface layer is deformed creating optical bonds at the optical coupling surfaces of the optical redirecting elements the formed optical bonds providing optical apertures for light transmission therethrough.

No. of Pages : 47 No. of Claims : 25

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FISH EYE LH	ENS ANALYZER	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/1455 :61/648839 :18/05/2012 :U.S.A. :PCT/US2013/041510 :17/05/2013 :WO 2013/173674 :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS HEALTHCARE DIAGNOSTICS INC. Address of Applicant :511 Benedict Ave. Tarrytown NY 10591 U.S.A. (72)Name of Inventor : 1)MURRAY Paul

(57) Abstract :

An imaging device is disclosed. The imaging device has a housing a detector positioned within the housing and has a field of view encompassing one or more target area within the housing to be imaged a wide angle lens operatively coupled to the detector and a support positioned at the target area and configured to receive one or more test component. The wide angle lens is operatively coupled to the detector such that the detector receives image data of the target area through the wide angle lens.

No. of Pages : 30 No. of Claims : 22

(21) Application No.8542/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(54) Title of the invention : VEHICLE SEAT WITH A LUMBAR SUPPORT

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B60N2/427,B60N2/66 :61/643587 :07/05/2012 :U.S.A. :PCT/US2013/039855 :07/05/2013 :WO 2013/169714 :NA :NA	 (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 E. 32nd Street Holland MI 49423 U.S.A. (72)Name of Inventor : 1)SEIBOLD Kurt 2)BALIN Alexander I. 3)KIENKE Ingo 4)LINNENBRINK Jorg
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Vehicle seat (1) with a seat part (2) and a backrest (3) which comprises a lumbar support (7) wherein the lumbar support (7) has a lumabr apex (7.1) towards the back of a seat occupant and tapers from there and that the lumbar support comprises a suspension 9 11 12) that results in load distribution with a primery load uptake (8. 1) at the lumbar apex (7.1)

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

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CARBOXYLATE DYES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	n:C09B29/01,C09B29/08,C11D3/40 :61/612539 :19/03/2012 :U.S.A. :PCT/US2013/032967 :19/03/2013 :WO 2013/142495 :NA :NA	 (71)Name of Applicant : 1)MILLIKEN & COMPANY Address of Applicant :920 Milliken Road M 495 Spartanburg South Carolina 29303 U.S.A. 2)THE PROCTER & GAMBLE COMPANY (72)Name of Inventor : 1)MIRACLE Gregory S. 2)TORRES Eduardo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This application relates to carboxylate dyes suitable for use in fabric care compositions and in the treatment of fabrics.

No. of Pages : 77 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:E05B1/00,B60J5/04	(71)Name of Applicant :
(31) Priority Document No	:2012-073542	1)AISIN SEIKI KABUSHIKI KAISHA
(32) Priority Date	:28/03/2012	Address of Applicant :1 Asahi machi 2 chome Kariya shi
(33) Name of priority country	:Japan	Aichi 4488650 Japan
(86) International Application No	:PCT/JP2013/058527	(72)Name of Inventor :
Filing Date	:25/03/2013	1)NAGATA Koichi
(87) International Publication No	:WO 2013/146653	2)SAKAMOTO Mizuya
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VEHICLE DOOR HANDLE DEVICE

(57) Abstract :

A vehicle door handle device of the present invention comprises: a frame being configured so as to be secured to the interior side of a door panel of a vehicle door and having a support hole formed therein; a link that has a shaft section rotatably supported in the support hole of the frame that is rotatably assembled with the frame by way of the shaft section and is biased to rotate in one direction by a biasing member; and an outer handle that is configured so as to be attached to the door panel has an engaging section that engages with the link and by way of the engaging member that causes the link to rotate in resistance to the rotationally biasing force of the biasing member. The shaft section is provided with a groove section formed at one end of the shaft section in the direction of the rotation axis and recessed towards the other end of the shaft section and has a guide section. The frame has a groove engagement section that can pass through the groove section from a direction other than the direction of the rotation axis and in the frame is formed an opening continuous with the support hole through which the guide section can pass from a direction other than the direction of the rotation axis. When the support hole and the shaft section are in a supporting state the groove section and the opening extend in mutually differing directions.

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

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS MANAGEMENT SYSTEM AND APPARATUS MANAGEMENT METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/JP2013/000690 :08/02/2013 :WO 2013/125168 :NA	 (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : 1)KUNIYOSHI Kenji 2)SUZUKI Junichi 3)YANAGI Yasuhiro 4)TAKENAGA Hideki
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This apparatus management system is provided with: a meter device that measures a predetermined physical quantity; an apparatus having a predetermined function; and a management device. The management device is configured in a manner so as to transmit first information containing a first identifier allocated to the apparatus and a second identifier allocated to the meter device. The meter device is configured in a manner so as to transmit second information containing the second identifier of the selfsame meter device and the first identifier contained in the first information if the second identifier contained in the first information acquired from the management device matches the second identifier of the selfsame meter device. The apparatus is configured in a manner so as to execute a setting process that selects as a communication partner the meter device specified by the second identifier contained in the second information acquired from the meter device matches the first identifier contained in the second information acquired from the second information when the first identifier contained in the second information acquired from the meter device matches the first identifier contained in the second information acquired from the meter device matches the first identifier contained in the second information acquired from the meter device matches the first identifier contained in the second information acquired from the meter device matches the first identifier of the selfsame apparatus.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AQUEOUS COMPOSITION CONTAINING 2-AMINO-3-(4 BROMOBENZOYL)- PHENYLACETIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/196,A61K9/08,A61K47/14 :2012-073181 :28/03/2012 :Japan :PCT/JP2013/059211 :28/03/2013 :WO 2013/147000 :NA :NA :NA	 (71)Name of Applicant : 1)SANTEN PHARMACEUTICAL CO. LTD. Address of Applicant :9 19 Shimoshinjo 3 chome Higashiyodogawa ku Osaka shi Osaka 5338651 Japan (72)Name of Inventor : 1)MORIMOTO Takashi 2)ASADA Hiroyuki 3)TAKAHASHI Kyohei 4)OKAMOTO Tomoyuki
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(57) Abstract :

The present invention pertains t o an aqueous composition which contains 2 -amino - -(4 - Dromobenzoyl)phenvlacetic acid or a salt thereof and which may contain, if necessary, a benzalkonium chloride and/or a polyoxyethylene sorbitan fatty acid ester. The stability of 2-amino-3-(4-bromobenzoyl)phenylacetic acid or a salt thereof can be kept by restricting the contents of a benza -Ikonium chloride and a polyoxyethylene sorbitan fatty acid ester respectively within specific ranges, whereby a composition which does not suffer any appearance change can b e obtained.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOLTEN SALT ROLLING BUBBLE COLUMN REACTORS UTILIZING SAME AND RELATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10G9/34 :13/188202 :21/07/2011 :U.S.A. :PCT/US2012/038251 :17/05/2012 :WO 2013/015865 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BATTELLE ENERGY ALLIANCE LLC Address of Applicant :P.O.Box 1625 Idaho Falls ID 83415 3899 U.S.A. (72)Name of Inventor : 1)TURNER Terry D. 2)BENEFIEL Bradley C. 3)BINGHAM Dennis N. 4)KLINGLER Kerry M. 5)WILDING Bruce M.
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(57) Abstract :

Reactors for carrying out a chemical reaction as well as related components systems and methods are provided. In accordance with one embodiment a reactor is provided that includes a furnace and a crucible positioned for heating by the furnace. The crucible may contain a molten salt bath. A downtube is disposed at least partially within the interior crucible along an axis. The downtube includes a conduit having a first end in communication with a carbon source and an outlet at a second end of the conduit for introducing the carbon material into the crucible. At least one opening is formed in the conduit between the first end and the second end to enable circulation of reaction components contained within the crucible through the conduit. An oxidizing material may be introduced through a bottom portion of the crucible in the form of gas bubbles to react with the other materials.

No. of Pages : 36 No. of Claims : 35

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PIVOTALLY CLOSING BEVERAGE INGREDIENT HOLDER WITH PIERCER

(51) International classification	:A47J31/22,A47J31/06	(71)Name of Applicant :
(31) Priority Document No	:11173523.9	1)NESTEC S.A.
(32) Priority Date	:12/07/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/063659	(72)Name of Inventor :
Filing Date	:12/07/2012	1)PERENTES Alexandre
(87) International Publication No	:WO 2013/007779	2)BONACCI Enzo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CAPROTTI Patrick 4)GUNSTONE Andrew
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(57) Abstract :

A receptacle holding unit (1) for a device for preparing a beverage from an ingredient contained in a receptacle (2) comprises: a first part (10) with a first engagement arrangement (11); a second part (20) that has a second engagement arrangement (21) pivotally movable relative to the first engagement arrangement (11) about a longitudinal axis (1) between a closed position for holding the receptacle in such unit and an open position for inserting the receptacle into such unit and/or for removal therefrom; and a piercing device (20C) having at least one piercing element (29) for piercing the receptacle (2) this device being assembled to and held by the second part. At least one piercing element (29) is off this axis (1) and is angularly fixed relative to the first part (10) about this axis (1) when the second engagement arrangement (21) is pivotally moved relative to the first engagement (11) about this axis (1) between the closed and open positions.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(54) Title of the invention : SILENCER AND A METHOD FOR PRODUCING SAME

(43) Publication Date : 15/05/2015

(51) International classification :F01N1/08,F01N1/10,F01N13/18 (71)Name of Applicant : (31) Priority Document No 1)EBERSP, CHER EXHAUST TECHNOLOGY GMBH & :10 2011 077 183.2 (32) Priority Date :08/06/2011 CO. KG (33) Name of priority country :Germany Address of Applicant :Homburger Strasse 95 66539 (86) International Application Neunkirchen Germany :PCT/EP2012/058918 (72)Name of Inventor: No :14/05/2012 Filing Date 1)ANDRE Joachim (87) International Publication No:WO 2012/168039 2)SCHUG Norbert (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a silencer (1) for an exhaust gas installation of an internal combustion engine particularly of a motor vehicle. Said silencer comprises a housing (2) with a circumferential shell (3) closed in the peripheral direction (5) and with one end base (6) at each of two longitudinal ends which are spaced apart from one another in an axial direction (4) and a silencer insert (15) which is arranged in said housing (2) and has at least one inlet pipe (8) for exhaust gas and at least one outlet pipe (10) for exhaust gas said shell (3) being segmented in the peripheral direction (5) and having at least one shell segment (11 12) that comprises at least one opening (79) into which one of the pipes (8 10) is inserted from the inside. A compact structure can be obtained by means of the segmented shell (3) having at least one inlet shell segment (11) and one outlet shell segment (12) by said inlet shell segment (11) having at least one inlet opening (7) into which such an inlet pipe (8) is inserted from the inside and by said outlet shell segment (12) having at least one outlet opening (9) into which such an outlet pipe (10) is inserted from the inside.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROSTHESIS PART :A61F2/30,A61F2/36,A61F2/38 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)WALDEMAR LINK GMBH & CO. KG :12158698.6 (32) Priority Date :09/03/2012 Address of Applicant :Barkhausenweg 10 22339 Hamburg (33) Name of priority country :EPO Germany (72)Name of Inventor: (86) International Application No :PCT/EP2013/054252 1)IREDI Marco Filing Date :04/03/2013 (87) International Publication No :WO 2013/131845 2)STANGEL Melanie (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a prosthesis part (1) having a conical protrusion (10) for connecting to an additional prosthesis part (3) having a complementary conical bore (30) wherein the conical protrusion (10) has a lateral recess (12) for the engagement of a securing element (40) and wherein the prosthesis part (1) with the conical protrusion (10) has a removable cone attachment (20) said cone attachment having a lateral recess (21) for the engagement of a securing element (40). The invention further relates to a prosthesis (4) having a prosthesis part (1) according to the invention and a set (50) of prosthesis parts (1 3 3) wherein a prosthesis part (1) according to the invention is formed.

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

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS FOR PREPARING SAMPLES FOR NUCLEIC ACID AMPLIFICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:1205769.1 :30/03/2012	 (71)Name of Applicant : 1)LUMORA LTD. Address of Applicant :Staffords Chartered Accounts CPC1 Capital Park Fulbourne Cambridge Cambridgeshire CB21 5XE U.K. (72)Name of Inventor : 1)PEREIRA Clint 2)MCELGUNN Cathal Joseph 3)TISI Laurence Carlo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract :

The present invention is int he field of sample preparation. In particular it relates to methods for preparing samples prior to performing nucleic acid amplification.

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

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : A PENTOSE SUGAR FERMENTING CELL		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C12N9/92,C12P7/10,C12N15/52 :11176601.0 :04/08/2011 :EPO :PCT/EP2012/065088 :02/08/2012 :WO 2013/017644 :NA :NA :NA	

(57) Abstract :

The invention relates to a cell which comprises a nucleotide sequence encoding a xylose isomerase wherein the amino acid sequence of the xylose isomerase has at least 75% sequence identity to the amino acid sequence set out in SEQ ID NO: 2 and wherein the nucleotide sequence is heterologous to the host. A cell of the invention may be used in a process for producing a fermentation product such as ethanol. Such a process may comprise fermenting a medium containing a source of xylose with a cell of the invention such that the cell ferments xylose to the fermentation product.

No. of Pages : 45 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :06/01/2014

(21) Application No.93/DELNP/2014 A

(43) Publication Date : 15/05/2015

(57) Abstract :

The invention relates to a valve with a valve housing in particular for controlling the liquid flow in a plant for central heating. The valve comprises an insert part with valve parts for controlling a liquid flow through the valve: a first part and a second part being mutually rotatable. The first and the second parts are provided with complementary through flow openings that combine to define a common opening area and are configured such that upon mutual rotation of those valve parts a larger or a smaller total opening area is provided. The valve comprises a closure part which is disposed such that upon axial displacement it is capable of completely or partially closing off the total opening area through the through flow openings.

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

(19) INDIA

(22) Date of filing of Application :02/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR APPLYING A PROTECTIVE LAYER TO A TURBINE COMPONENT

(32) Priority Date (33) Name of priority country	:C23C20/02,B23K35/30,B23K35/32 :12166937.8 :07/05/2012 / EPO	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:10/04/2013	1)GOLLERTHAN Susanne 2)KERN Torsten Ulf
(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 turbine component (1) on which a protective layer is arranged for example to avoid droplet impact erosion wherein in a first method step a nanofilm (4) is applied and a brazing metal (5) is applied to the nanofilm (4) and the nanofilm (4) chosen is one which after initial ignition leads to an exothermic reaction whereby fusion of the brazing metal (5) with the base material (2) takes place to form a protective layer.

No. of Pages : 17 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :03/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CROSSMEMBER HAVING INTEGRATED DRIVE FOR CONVEYING OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05B13/02,B05B15/12 :10 2012 207 389.2 :03/05/2012 :Germany :PCT/EP2013/058717 :26/04/2013 :WO 2013/164262 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DRR SYSTEMS GMBH Address of Applicant :Carl Benz Strasse 34 74321 Bietigheim Bissingen Germany (72)Name of Inventor : 1)FEDERMANN Andreas 2)REIBER Mario 3)BAITINGER Michael 4)CASPARI Samuel
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(57) Abstract :

According to the invention in order to provide a crossmember device for a floor unit of a coating and/or processing chamber wherein components of a driving device for a conveying device are protected against undesired contaminants the crossmember device comprises a crossmember and a force transmitting driving element of a driving device wherein at least some parts of the driving element are arranged in an interior of the crossmember.

No. of Pages : 77 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :04/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SINTERED OXIDE COMPACT AND CIRCUIT BOARD USING SAME

(31) Priority Document No:20120(32) Priority Date:06/04/(33) Name of priority country:Japan(86) International Application No:PCT/JFiling Date:02/04/	/2012Address of Applishi Aichi 4678525 JaIP2013/002283(72)Name of Invent	PLUG CO. LTD. icant :14 18Takatsuji cho Mizuho ku Nagoya apan or : shi oko eto
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(57) Abstract :

Provided is a sintered oxide compact that has high electroconductivity and a small B constant (temperature coefficient) and that is suitable as an electroconductive material; also provided is a circuit board using same. A sintered oxide compact characterized in including a perovskite phase having a perovskite type oxide crystal structure and in being represented by the composition formula REaCobNicOx (where RE represents a rare earth element a + b + c = 1 and 1.3 = x = 1.7). In the formula a b and c satisfy the following relationships: 0.459 = a = 0.535 0.200 = b = 0.475 0.025 = c = 0.300

No. of Pages : 24 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :04/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:A47J31/44	(71)Name of Applicant :
(31) Priority Document No	:12162965.3	1)NESTEC S.A.
(32) Priority Date	:03/04/2012	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/056711	(72)Name of Inventor :
Filing Date	:28/03/2013	1)CALDERONE Roberto Angelo
(87) International Publication No	:WO 2013/149937	2)REY Cdric
(61) Patent of Addition to Application Number	:NA	3)LANGLOY Guillaume
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l de la constante de la consta

(54) Title of the invention : DISPENSER WITH HOLDING SYSTEM FOR RECEPTACLES OF DIFFERENT SIZES

(57) Abstract :

The invention concerns a beverage dispenser (1) comprising a base (2) and a holding system that comprises a holding part(3) positionable beneath a beverage outlet (4) in order to accept a first relatively small receptacle and being configured and dimensioned to be moveable between a deployed holding position suitable for accepting the small receptacle and a second position in which the holding part is moved at least partly out of the way of the beverage outlet to create an unoccupied space in which a second larger receptacle can be positioned in place of the first receptacle beneath the beverage outlet wherein the holding system comprises a sensor (8) configured for detecting the position of the holding part between the first position and the second position.

No. of Pages : 15 No. of Claims : 9

(21) Application No.8275/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B65B39/02	(71)Name of Applicant :
(31) Priority Document No	:61/641621	1)PRESTONE PRODUCTS CORPORATION
(32) Priority Date	:02/05/2012	Address of Applicant :69 Eagle Road Danbury Connecticut
(33) Name of priority country	:U.S.A.	06810 U.S.A.
(86) International Application No	:PCT/US2013/039046	(72)Name of Inventor :
Filing Date	:01/05/2013	1)ERENGUC Aylin C.
(87) International Publication No	:WO 2013/166137	2)VEERS Charles R.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PEELABLE LABEL AND METHOD OF USING SAME

(57) Abstract :

A peelable label for a container includes a fixed label and a removable label removably attached to at least a portion of the fixed label. A first securement feature is formed along a first side of the removable label and a second securement feature is formed along a second side of the removable label opposite the first side. The first and second securement features cooperate to retain the removable label in a shape of a frustoconical funnel.

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : APPARATUS SYSTEMS AND METHODS FOR BYPASSING A FLOW CONTROL DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	¹ :PCT/US2012/034010 :18/04/2012 :WO 2013/158085 :NA :NA	 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston Texas 77072 U.S.A. (72)Name of Inventor : 1)HOLDERMAN Luke 2)SMART David
Filing Date	:NA	

(57) Abstract :

A bypass assembly for use in a downhole tool comprises a chamber, a first fluid port in fluid communication with the chamber, a second fluid port in fluid communication with the chamber, a flow restrictor disposed in a first flow path between the first fluid port and the second fluid port, a piston moveable in a first direction by the application of a first fluid pressure, a biasing member, and a restraining member disposed adjacent to the piston. The biasing member biases the piston to move in a second direction opposite the first direction, and the restraining member is actuated by movement of the piston in the first direction in response to a predetermined fluid pressure. Movement of the piston in the second direction to a predetermined position configures the bypass assembly to divert fluid flow around the flow restrictor along a second flow path.

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(51) International classification	:B62M6/55	(71)Name of Applicant :
(31) Priority Document No	:1203211.6	1)FREEFLOW TECHNOLOGIES LIMITED
(32) Priority Date	:24/02/2012	Address of Applicant :924 Pollokshaws Road Glasgow
(33) Name of priority country	:U.K.	Strathclyde G41 2ET U.K.
(86) International Application No	:PCT/GB2013/050432	(72)Name of Inventor :
Filing Date	:22/02/2013	1)MACMARTIN Neil
(87) International Publication No	:WO 2013/124665	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : GEARING SYSTEM FOR A DUAL POWERED BICYCLE

(57) Abstract :

The present disclosure relates to vehicle gearing systems especially those used in electric bicycles but may also be used in other dual propulsion vehicles such as hybrid cars. The vehicle gearing system comprises a first rotational input a second rotational input and a rotational output. The first rotational input and second rotational input may transmit a rotation to the rotational output wherein one of the first rotational input and second rotational input is connected to the rotational output through a one way clutch and wherein the other of the first rotational input and second rotational input is connected to the rotational output through an overrunning clutch wherein said one way clutch and said overrunning clutch are rotationally coupled.

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PERSONAL CARE COMPOSITIONS WITH ACIDIFIED PECTINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)CP KELCO APS Address of Applicant :Ved Banen 16 DK 4623 Lille Skensved Denmark (72)Name of Inventor : 1)TRUDSOE Jens Eskil 2)OLSEN Helle Bech
Filing Date (87) International Publication No	:WO 2013/127615	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Personal care compositions are provided that include acidified pectins at a concentration of about 2 to about 5% by weight. The acidified pectin includes a low ester pectin with a degree of esterification of about 30 to about 50 and a pH of about 2 to about 4. Desirably the personal care composition is characterized as a viscous fluid gel. Also provided are methods for preparing personal care compositions and methods for the use of personal care formulations.

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

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLUORINE CONTAINING ELASTOMER COMPOSITION METHOD FOR PRODUCING SAME MOLDED BODY CROSSLINKED PRODUCT AND COVERED WIRE

(51) International classification	:C08L27/18,C08L23/08,C08L23/14	(71)Name of Applicant : 1)ASAHI GLASS COMPANY LIMITED
(31) Priority Document No	:2012-069078	Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku
(32) Priority Date	:26/03/2012	Tokyo 1008405 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2013/058633 :25/03/2013	1)MIZUNO Go 2)YODOGAWA Masahide 3)IWANO Yuichi
(87) International Publication No	:WO 2013/146704	4)UMINO Masao 5)MATSUOKA Yasuhiko
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are: a fluorine containing elastomer composition which has excellent flexibility excellent moldability and excellent oil resistance to lubricants such as automatic transmission fluids while being not susceptible to heat discoloration; and a molded body a crosslinked product and a covered wire each of which uses the fluorine containing elastomer composition. A fluorine containing elastomer composition which contains (a) a tetrafluoroethylene/propylene copolymer (b) an ethylene/tetrafluoroethylene copolymer and (c) an epoxy group containing ethylene copolymer and wherein the mass ratio of the tetrafluoroethylene/propylene copolymer (a) to the ethylene/tetrafluoroethylene copolymer (b) namely (a)/(b) is from 70/30 to 40/60 and the mass ratio of the ethylene/tetrafluoroethylene copolymer (b) to the epoxy group containing ethylene copolymer (c) namely $\frac{b}{c}$ is from 100/0.1 to 100/10.

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

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TIRE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2012-044644 :29/02/2012 :Japan	 (71)Name of Applicant : 1)BRIDGESTONE CORPORATION Address of Applicant :10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor : 1)FUDEMOTO Hiroyuki 2)HARADA Takashi 3)GAO Tong 4)HONJO Atsuko

(57) Abstract :

This tire has a ring shaped tire skeleton body formed by a resin containing material and the resin material has a sea island structure that includes a sea phase constituted by a first resin material and an island phase which is harder than the sea phase constituted by a second resin material.

No. of Pages : 76 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :19/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FLUID SYSTEMS AND METHODS FOR TRANSFERRING DISCRETE ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/US2013/035216	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)PAPSDORF Clifford Theodore 2)SCHNEIDER Uwe
Filing Date	:04/04/2013	
(87) International Publication No	:WO 2013/158375	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

The present disclosure is directed to a method of applying a fluid pressure to a portion of a transfer member of a transfer assembly. The transfer member rotates about a first rotation axis and comprises leading and trailing portions. The portion of the transfer member is rotatable about a second rotation axis between a first position and a second position. The method comprises providing a fluid conduit in fluid communication with the leading or trailing portion of the portion of the transfer member when the portion of the transfer member is in the first position rotating the portion of transfer member between the first position and the second position and maintaining the fluid conduit in fluid communication with the same of the leading or trailing portion of the portion of the transfer member after the portion of the transfer member is moved into the second position.

No. of Pages : 98 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PRIVATE NETWORK DATA FORWARDING METHOD DEVICE AND SYSTEM FOR LAYER 3 VIRTUAL PRIVATE NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L12/70 :2012-10044241.7 :24/02/2012 :China :PCT/CN2013/071788 :22/02/2013 :WO 2013/123897 :NA :NA	 (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)LI Ying 2)LIU Bo
(62) Divisional to Application Number Filing Date	:NA :NA	
		1

(57) Abstract :

Disclosed is a private network data forwarding method for a layer 3 virtual private network (L3VPN) which comprises: setting a public network tunnel between provider edges (PEs) and setting the correlation between private network data to be transmitted and the set public network tunnel; and after the private network data is transmitted to a local PE from a customer edge (CE) according to the correlation between the private network data and the public network tunnel the local PE searching for an outer layer public network label of the private network data and after conducting inner and outer layer encapsulation on the private network data sending same to an opposite PE through the set public network tunnel. Also disclosed at the same time are a device and system for achieving the method. The method device and system can be applied to control different private network data to be transmitted in a public network through a set path.

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

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANTI ROBO4 ANTIBODY

(57) Abstract :

The present disclosure relates to an antibody having an anti angiogenesis activity. More specifically the present disclosure relates to an antibody against ROB04 and a pharmaceutical composition containing the antibody. An object of the present disclosure is to provide an anti ROB04 antibody having an anti angiogenesis effect a pharmaceutical composition or the like comprising the antibody a method for suppressing angiogenesis using the antibody etc. Another object of the present disclosure is to provide a method for producing the antibody. Solution The antibody of the present disclosure activates the downstream signal of ROB04 and has a suppressive activity against cell migration induced by VEGF or bFGF. The antibody of the present disclosure also exhibits an anti angiogenesis effect in in vivo models. Thus the problem has been solved.

No. of Pages : 273 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND DEVICES FOR DEPLOYING AND RELEASING A TEMPORARY IMPLANT WITHIN THE BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/601384 :21/02/2012 :U.S.A. :PCT/US2013/027170 :21/02/2013 :WO 2013/126593 :NA	 (71)Name of Applicant : 1)ALLURION TECHNOLOGIES INC. Address of Applicant :888 Worcester Street, Suite 80, Wellesley, Massachusetts 02482 U.S.A. (72)Name of Inventor : 1)GAUR Shantanu K. 2)LEVY Samuel G. 3)WECKER Jonathan 4)HORWITZ Bruce A.
	:NA :NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods devices and systems for delivering a device assembly into a gastric or other space within the body allowing the device to expand to occupy volume within the gastric space and after an effective period of time delivering a substance or stimulus to begin breakdown of the expanded device so that it may release from the body.

No. of Pages : 75 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PROCESS AND APPARATUS FOR BRIQUETTE PRODUCTION

(51) International classification	n:C21B13/00,B30B11/00,C10L5/04	(71)Name of Applicant :
(31) Priority Document No	:12163533.8	1)SIEMENS VAI METALS TECHNOLOGIES GMBH
(32) Priority Date	:10/04/2012	Address of Applicant : Turmstrae 44 A 4031 Linz Austria
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application	:PCT/EP2013/056648	1)HECKMANN Hado
No	:28/03/2013	2)MILLNER Robert
Filing Date	.28/03/2013	3)WURM Johann
(87) International Publication No	:WO 2013/152959	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Process for producing a briquette containing carbon carriers (2) where the carbon carriers (2) together with a binder system (3) are subjected to mixing with introduction of steam and the mixture obtained is subjected to pressing to give briquettes. Here at least one of the steps drying of the carbon carriers (2) before mixing setting of the temperature of the carbon carriers (2) to be mixed with the binder system before mixing in a predefined temperature range heat treatment of the briquettes after pressing is carried out by means of direct or indirect interaction with superheated steam. Waste steam obtained here is used as at least part of the steam introduced during mixing. An apparatus for carrying out such a process has an apparatus for direct or indirect interaction with steam from which a waste steam conduit leads and opens directly or indirectly into the mixing device.

No. of Pages : 34 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TEST DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B5/15,A61B5/155,A61B5/157 :1203693.5 :02/03/2012 :U.K. :PCT/EP2013/053771 :26/02/2013 :WO 2013/127762 :NA :NA	 (71)Name of Applicant : 1)SMARTSENSOR TELEMED LIMITED Address of Applicant :Harwell Innovation Centre 173 Curie Avenue Didcot Oxfordshire OX11 0QG U.K. (72)Name of Inventor : 1)JACKSON James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A biological test device with at least one zone containing a biosensor and/or reagent media to accept a sample of a biological material where the zone is covered until use by a removable humidity resistant cover. The cover may be slidably removable or have a peel off configuration and may incorporate a desiccant material. The cover may also act as an actuator associated with electronic timing and/or signalling components carried by the device.

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

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : REVERSE SHOULDER ORTHOPAEDIC IMPLANT HAVING A METAGLENE COMPONENT WITH A SCREW LOCKING CAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/431406 :27/03/2012 :U.S.A.	 (71)Name of Applicant : 1)DEPUY SYNTHES PRODUCTS LLC Address of Applicant :325 Paramount Drive Raynham Massachusetts 02767-0350 U.S.A. (72)Name of Inventor : 1)LAPPIN Kyle E.
Number Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reverse shoulder orthopaedic implant includes a glenosphere component having a lateral bearing surface configured to articulate with a humeral cup of a humeral prosthesis. A metaglene component includes a platform configured to receive glenosphere component.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : GLASS RIBBON ENGAGEMENT SYSTEM WHICH INCLUDES A ROBOT TOOLING DEVICE AND A GUIDANCE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/US2013/029509 :07/03/2013 :WO 2013/134461	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor : 1)BROWN James William 2)MARKHAM Shawn Rachelle 3)ZHOU Naiyue 4)ZHU Zepei
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

A glass ribbon engagement system is described herein that includes a robot tooling device with suction cups configured to engage a first side of a glass ribbon and a guidance device with one or more devices (e.g. air nozzles cylinder wheel units) which are configured to apply one or more local forces to a second side of the glass ribbon to shift the glass ribbon towards the suction cups to assist the suction cups in engaging and securing the first side of the glass ribbon.

No. of Pages : 37 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :17/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH CTE POTASSIUM BOROSILICATE CORE GLASSES AND GLASS ARTICLES COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03C3/089,C03C3/091 :61/604869 :29/02/2012 :U.S.A. :PCT/US2013/028145 :28/02/2013 :WO 2013/130700 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor : 1)MAURO John Christopher
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(57) Abstract :

High CTE glass compositions and laminated glass articles formed from the same are described. In one embodiment, a glass composition may include from about 70 mol.% to about 80 mol.% S1O2, from about 0 mol.% to about 8 mol.% AI2O3, and from about 3 mol.% to about 10 mol.% B 2O3 as glass formers. The glass composition may further include alkali oxides such as from about 0 mol.% to about 2 mol.% Na20 and from about 10 mol.% to about 15 mol.% K2O . In addition, the glass composition may include from about 5 mol.% to about 6 mol.% of alkaline earth oxide. The alkaline earth oxide may include at least one of CaO, SrO, and BaO. However, the glass composition may be substantially free from MgO. The glass composition may be used in a laminated glass article, such as a laminated glass article formed by a fusion laminate process.

No. of Pages : 30 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYARYLENE SULFIDE RESIN COMPOSITION AND MOLDED BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	 C08L81/02,C08K3/40,C08K7/14 2012-067271 23/03/2012 Japan PCT/JP2013/058308 22/03/2013 WO 2013/141363 :NA :NA :NA 	 (71)Name of Applicant : 1)DIC CORPORATION Address of Applicant :35 58 Sakashita 3 chome Itabashi ku Tokyo 1748520 Japan (72)Name of Inventor : 1)UCHIGATA Masanori 2)OKADA Takayuki 3)SHIMAYA Taku
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(57) Abstract :

Provided is a polyarylene sulfide resin composition containing a polyarylene sulfide resin an epoxy resin glass fibers and glass flakes in amounts ranging from 0.5 to 20 parts by mass of the epoxy resin 10 to 350 parts by mass of the glass fibers and 1 to 250 parts by mass of the glass flakes per 100 parts by mass of the polyarylene sulfide resin; a bisphenol type epoxy resin and a novolac type epoxy resin also being used as the epoxy resin. Also provided is a molded body obtained by melt molding the resin composition. This resin composition has excellent adhesion with epoxy resins and excellent fluidity and makes it possible to obtain a molded body of improved thermal shock properties.

No. of Pages : 44 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : POLYARYLENE SULFIDE RESIN COMPOSITION AND MOLDED BODY		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		(71)Name of Applicant : 1)DIC CORPORATION Address of Applicant :35 58 Sakashita 3 chome Itabashi ku Tokyo 1748520 Japan (72)Name of Inventor : 1)KOYANAGI Shigeru

(57) Abstract :

Provided are: a polyarylene sulfide resin composition which contains (A) a polyarylene sulfide resin and (B) an olefin wax having an acid value within the range of 65-150 mgKOH/g said olefin wax (B) being contained in an amount of 0.01 5 parts by mass per 100 parts by mass of the polyarylene sulfide resin (A) and containing a carboxy group and a carboxylic acid anhydride group; and a molded body which is obtained by molding the composition. This polyarylene sulfide resin composition has excellent mechanical properties and excellent mold releasability and a molded body of this polyarylene sulfide resin composition exhibits excellent adhesion to an epoxy resin.

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

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BINDERS AND ASSOCIATED PRODUCTS		
 (54) Title of the invention : BINDERS All (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		(71)Name of Applicant : 1)KNAUF INSULATION Address of Applicant :Rue de Maestricht 95 B 4600 Vis Belgium (72)Name of Inventor : 1)HAMPSON Carl 2)PACOREL Bndicte 3)JACKSON Roger
Filing Date	:NA	

(57) Abstract :

The present invention relates to a water soluble pre reacted binder composition a method of its manufacture a use of said pre reacted binder composition a method of manufacturing a collection of matter bound by a polymeric binder a binder solution or dispersion comprising said pre reacted binder composition as well as products comprising the pre reacted binder composition in a cured state.

No. of Pages : 66 No. of Claims : 36

(21) Application No.8277/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MIXING DEVICE FOR FROTHING BEVERAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:28/03/2013	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)REY Cdric 2)CALDERONE Roberto Angelo 3)RAWYLER Fabien 4)CANDAUX Patrice
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(57) Abstract :

The invention concerns a mixing device (1) comprising : a whipper housing (2) a rotor (3) and a back wall (4) the whipper housing and the back wall forming a whipper chamber in which is lodged the rotor the whipper housing comprising a beverage inlet (11) and a beverage outlet (7) a drive shaft (41) for driving the rotor said drive shaft being supported by the back wall the rotor presenting a radial back surface (33) facing the whipper housing back wall (4) and a radial front surface (32) opposed to the radial back surface the whipper housing a front wall (21) said front wall facing at least a part of the radial front surface (32) of the rotor and wherein the whipper housing front wall (21) presents bumps (5) elevating from the surface (211) of the front wall the upper surface (51) of each bump being flat and the edges (52) of said upper surface being sharp.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : INTERNAL TENSIONING STRUCTURE USABLE WITH INFLATABLE DEVICES :A47C27/10 (71)Name of Applicant : (51) International classification 1)INTEX RECREATION CORPORATION (31) Priority Document No :201220075742.7 Address of Applicant :703 East Roosevelt Road Long Beach (32) Priority Date :02/03/2012 CA 90807 U.S.A. (33) Name of priority country :China (86) International Application No :PCT/US2012/042079 (72)Name of Inventor : Filing Date :12/06/2012 1)LIN Hua Hsiang (87) International Publication No :WO 2013/130117 2)HSU Yaw Yuan (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An internal tensioning structure for use in an inflatable product fulfills the basic function of maintaining two adjacent inflatable surfaces in a desired geometric arrangement when the inflatable product is pressurized. The tensioning structure is formed by connecting a pair of plastic strips sheets via spaced apart strands such as strings or wires. When pulled taut the strands provide a high tensile strength between the two opposed plastic strips. At the same time the plastic strips facilitate a strong long lasting weld between the tensioning structure and the inflatable product.

No. of Pages : 70 No. of Claims : 103

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : STRUCTUR	AL JOINT	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E01C11/08,E01C11/14 :1203314.8 :27/02/2012 :U.K. :PCT/EP2013/053849 :27/02/2013 :WO 2013/127812 :NA :NA :NA :NA	 (71)Name of Applicant : HENGELHOEF CONCRETE JOINTS MANUFACTURING NV Address of Applicant :Hengelhoefstraat 158 Zone B1 B 3600 Genk Belgium (72)Name of Inventor : MEUWISSEN Dirk KLINGELEERS Albert Charles

(57) Abstract :

The present invention relates to a expansion joint to bridge an expansion gap between two parts of concrete slabs used in floor construction, especially in the manufacture of concrete floors such as for example in industrial floors. Such expansion joints are evidently required to take up the inevitable shrinkage process of the concrete and to assure that the floor elements can expand or contract such as for example occur by temperature fluetuations and resulting in a horizontal displacement of the floor panels vis-a-vis one another.

No. of Pages : 28 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : TOILET PAN BODY AND ITS METHOD OF MANUFACTURING

(51) International classification	:A47K13/26,A47K13/24,E03D5/01	(71)Name of Applicant : 1)PHOENIX PRODUCT DEVELOPMENT LIMITED
(31) Priority Document No	:1203691.9	Address of Applicant : Unit 1 West Point 11 Durham Road
(32) Priority Date	:01/03/2012	Basildon Essex SS15 6PH U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/054212 :01/03/2013	1)MOORE Garry
(87) International Publication No	:WO 2013/128017	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A ceramic toilet pan 12 has a raised rear portion 18 to which a hinge tube 28 may be accurately located and fixed in position for example by adhesive using a jig 22 despite variations in pan body size due to ceramic firing a water pump 82 and air pumpl02 being provided for flushing the toilet pan 10 when a seat 58 and lid 56 are in a closed position the seat and lid being rotationally mounted to the pan 12 by a horizontal hinge pin 180 located in the hinge tube 28 a latch member 194 being provided for latching the lid 56 and seat 58 closed a cistern having an overflow weir 320.

No. of Pages : 102 No. of Claims : 105

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WATERSOLUBLE LINEAR COPOLYMER (51) International (71)Name of Applicant : :C08G81/02,C08F222/38,C08F220/56 **1)BIOMATRIX INTERNATIONAL LIMITED** classification (31) Priority Document No: u 2011 13857 Address of Applicant : Leonidou 6 Flat/Office 102 CY 2236 (32) Priority Date :24/11/2011 Nicosia Cyprus Cyprus (72)Name of Inventor: (33) Name of priority :Ukraine country 1)ZHELDAK Liudmyla Dmytrivna (86) International :PCT/UA2012/000052 Application No :23/05/2012 Filing Date (87) International :WO 2013/077831 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

The invention concerns watersoluble linear heterochain dipolymer having the general formula: (CH CRR)n (R NHCO R NHCO R)m where R can be atom of hydrogen or alkyl CH R can be COOH CONH (CH) COOH depending on the kind of vinyl monomer R is atom of hydrogen or OH group depending on the kind of divinyl monomer R can be (CH CHR) or (CH CHR CH) R can be (CH) or (CH(OH)) depending on the kind of divinyl monomer m and n interrelationships between the vinyl and divinyl monomers herewith the correlation m/n is within 10 to 100 herewith the sections of the chain in which amide groups CO NH are present are connected with the similar sections through the H linkages between the amide and carboxyl groups. Such a substance belongs to polymer of a new structure with different physical chemical properties. Amide section of the molecule is unique according to its structural properties and according to peculiar intermolecular interactions. Due to the hybridization of nitrogen carbon and hydrogen atoms in the amine group this section is almost flat. What is also important is that the hydrogen connected with the nitrogen atom and oxygen atom in carbon groups are able to create the strong hydrogen linkage. Besides in the mentioned substance the cross cross linked net of polymer is not created. Therefore the macromolecule of the substance is hydrophilic 3D matrix which arises on the account of H linkages between the amide and carboxyl groups the water environment.

No. of Pages : 10 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :28/07/2014

(43) Publication Date : 15/05/2015

(51) International classification	:G01N21/27	(71)Name of Applicant :
(31) Priority Document No	:2012-028231	1)NATIONAL UNIVERSITY CORPORATION TOKYO
(32) Priority Date	:13/02/2012	MEDICAL AND DENTAL UNIVERSITY
(33) Name of priority country	:Japan	Address of Applicant :5 45 Yushima 1 chome Bunkyo ku
(86) International Application No	:PCT/JP2013/053321	Tokyo 1138510, JAPAN
Filing Date	:13/02/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2013/122072	1)SAKOTA Daisuke
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)TAKATANI Setsuo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHOD AND DEVICE FOR MEASURING BLOOD INFORMATION

(57) Abstract :

First measurement light (30) is emitted to the interface between blood (10) that flows in a flow cell (40) formed using a transparent material having a different refractive index from that of plasma (a plasma layer) (12) in the blood (10) and the flow cell (40) from an oblique direction at an angle smaller than 90 degrees then light (32) that is specularly reflected on the interface between the flow cell (40) and the blood (10) is dispersed to obtain absorption spectra and then the information on a plasma component (a refractive index (Np) of plasma) is obtained from the absorption spectra. In this manner only reflected light on the plasma layer can be extracted only the information on the plasma component can be obtained continuously in a non invasive manner without the need of separating blood components by a mechanical or chemical treatment and without relying on hematocrit and therefore it becomes possible to obtain information on blood such as hemolysis (the concentration of free plasma hemoglobin) and the degree of coagulation of blood (thrombi).

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING DEFECTS DURING SEALING OF A PACKAGE **COMPRISING A FOIL**

(51) International classification:B29C66/926,B29C66/342,B29C65/00(31) Priority Document No:2008129(32) Priority Date (33) Name of priority country:17/01/2012(33) Name of priority country:Netherlands(86) International Filing Date:PCT/IB2013/050424(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/108202(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA(61) Patent of Number Filing Date:NA :NA	 (71)Name of Applicant : 1)QIPACK BVBA Address of Applicant :Milsestraat 101b B 3053 Haasrode Belgium (72)Name of Inventor : 1)BRAVO Cdric Daniel Kathleen Philippe
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(57) Abstract :

The invention relates to a device for detecting defects during sealing of a package comprising a foil. The invention also relates to a method for detecting defects during sealing of a package comprising a foil particularly by making use of the device according to the invention.

No. of Pages : 20 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :05/08/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application 	:C23C2/02 :10 2012 101 018.8 :08/02/2012 :Germany :PCT/EP2012/075402 :13/12/2012 :WO 2013/117273	 (71)Name of Applicant : 1)OUTOKUMPU NIROSTA GMBH Address of Applicant :OBERSCHLESIENSTRABE 16 47807 KREFELD, GERMANY. (72)Name of Inventor : 1)BLUMENAU Marc 2)GUSEK Christopher 3) UNDPA Fred
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/117273 :NA :NA :NA :NA	2)GUSEK Christopher 3)JINDRA Fred 4)SCH–NENBERG Rudolf 5)KRAUTSCHICK Hans Joachim

(54) Title of the invention : PROCESS FOR THE HOT DIP COATING OF A FLAT STEEL PRODUCT

(57) Abstract :

The invention provides a process which enables the process stable hot dip upgrading of Ni alloyed flat steel products (S) to be carried out cost effectively and with efficient use of resources. For this purpose the process comprises the following working steps: a) provision of a flat steel product (S) composed of a steel containing = 2.0% by weight of Ni and = 5.0% by weight of Cr; b) heating of the flat steel product (S) within 1 30 s to a hold temperature of 700 1100°C under a heating atmosphere (Atm1) containing N and optionally (in % by volume) 1 50% of H 0.1 2.0% of CO and 5.0 15.0% of CO and having a dew point TP1 of from 15 to +30°C; c) holding of the flat steel product (S) at the hold temperature for a hold time of 10 120 s under a hold atmosphere (Atm2) consisting of N and (in % by volume) 1.0 50.0% of H and = 1.0% of O and having a dew point TP2 of from 30 to 0°C; d) cooling of the flat steel product (S) through a blowpipe zone (6) in which an inert or reducing blowpipe atmosphere (Atm4) prevails and passing the flat steel product through a melt bath (B); where TP1 > TP2 > TP4.

No. of Pages : 25 No. of Claims : 14

(21) Application No.1633/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F41G7/30	(71)Name of Applicant :
(31) Priority Document No	:217736	1)ISRAEL AEROSPACE INDUSTRIES LTD.
(32) Priority Date	:26/01/2012	Address of Applicant :Ben Gurion International Airport 70100
(33) Name of priority country	:Israel	Lod Israel
(86) International Application No	:PCT/IL2013/050070	(72)Name of Inventor :
Filing Date	:24/01/2013	1)KAHANE Allan C.
(87) International Publication No	:WO 2013/111138	2)SHALTIEL Rabin
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : GUIDANCE LAWS FOR NAVIGATING VEHICLES

(57) Abstract :

A system of providing guidance laws for maneuvering a vehicle for reducing or eliminating miss distance to a target including a system configured to provide a command for maneuvering the vehicle towards a target. The system is configured to repeatedly perform the following stages until eliminating the miss distance including: propagating vehicle s equation of motion as a result of the command while reducing or eliminating lack of consistency between the assumptions made to calculate the maneuver command and the actual performance when attempting to realize the command. Then calculating miss distance to the target and updating the command for reducing or eliminating the miss distance and sending the command to a steering system of the vehicle.

No. of Pages : 40 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : FILTER CARTRIDGE ASSEMBLY AND METHOD OF MANUFACTURE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority	:F02M37/22,B01D35/30,B01D27/08 :13/371562 :13/02/2012 :U.S.A.	 (71)Name of Applicant : 1)CLARCOR ENGINE MOBILE SOLUTIONS LLC Address of Applicant :840 Crescent Centre Drive Suite 600 Franklin TN 37067 U.S.A (72)Name of Inventor :
country (86) International Application No Filing Date	:PCT/US2012/028468 :09/03/2012	1)MOORE Jonathan D. 2)PRIBANIC Justin R. 3)SASUR Timothy M.
(87) International Publication	ⁿ :WO 2013/122612	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A filter cartridge has a longitudinal axis. A cartridge housing has first and second shell portions. The first shell portion has a cartridge housing opening and an annular element retention lip which is disposed axially inward of the opening and coaxial with the longitudinal axis. The filter element has a first end cap a second end cap and a continuous ring of filter media disposed between the first and second end caps. The first end cap defines a fuel flow port which is coaxial with the longitudinal axis. A plurality of resilient element retention arms extend axially from the first end cap and surround the fuel flow port. The arms terminate in retention barbs which are mateable with the annular lip. The resilient retention arms hold the retention barbs against the annular lip suspending the filter element within the cartridge.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :09/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BALLOON INFLATING DEVICE WITH ILLUMINATING/SOUNDING EFFECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	PCT/CN2012/071758 :29/02/2012	 (71)Name of Applicant : 1)SHENZHEN PROMOTION CONCEPT CO. LTD. Address of Applicant :Room 1802 Block A Shenfang Building Ren Minnan Rd. Luohu Shenzhen Guangdong 518001 China (72)Name of Inventor : 1)HENRIK Bo Stieler
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA ¹ :NA :NA	

(57) Abstract :

An illuminating/sounding device used for balloon inflation startup comprises an illuminating lamp/sounder a battery (4) and a casing (5). The casing (5) at least covers the illuminating lamp/sounder. The casing (5) has an air inlet (51) an air outlet (52) and an air channel (6). The air channel (6) connects the air inlet (51) and the air outlet (52) to form a penetrating airflow channel in the casing (5). The illuminating lamp/sounder is provided in the air channel (6). The illuminating lamp/sounder has a sealing device through which the illuminating lamp/sounder seals the air channel (6). Before a balloon is inflated the illuminating lamp/sounder cannot be started. After the balloon is inflated a pressure difference formed between the inner side and the outer side of the balloon enables the illuminating lamp/sounder to move toward an external end of the air channel (6) and seal the air channel (6) and a circuit of the illuminating lamp/sounder is switched on when the air channel (6) is sealed so that the illuminating lamp/sounder is started to work.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :11/08/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12 51579 :21/02/2012 :France :PCT/IB2013/051421 :21/02/2013 :WO 2013/124810 :NA :NA	 (71)Name of Applicant : 1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES Address of Applicant :25 rue Leblanc Btiment « Le Ponant D » F 75015 Paris France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3)UNIVERSITE PARIS SUD (72)Name of Inventor : 1)LIVACHE Thierry 2)BUHOT Arnaud 3)BONNAFFE David 4)HOU BROUTIN Yanxia
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(54) Title of the invention : ELECTRONIC NOSE OR TONGUE SENSORS

(57) Abstract :

The present invention relates to a sensor for an electronic tongue or nose for analysing a sample or detecting a target. The sensor comprises a support on one surface of which a plurality of sensitive areas are located each sensitive area comprising at least one receptor and being capable of transmitting a measurable signal generated by the interaction of at least one constituent of the sample or one target with at least one receptor. The sensor is characterised in that it comprises at least three sensitive areas that differ from one another in terms of their respective receptor compositions at least one of the sensitive areas comprising a mixture of at least two different receptors while the two other sensitive areas each comprise at least one of the two receptors.

No. of Pages : 46 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEVICE AND METHOD FOR HANDLING BIOLOGICAL TISSUES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N35/10,A61B10/02 :61/584833 :10/01/2012 :U.S.A. :PCT/IL2013/050031 :10/01/2013 :WO 2013/105095 :NA :NA :NA :NA	 (71)Name of Applicant : 1)UC CARE LTD. Address of Applicant :Apollo Building High Tech Park P.O. Box 67 2069201 Yokneam Israel (72)Name of Inventor : 1)PASTERNAK Alex 2)SHAPIRA SCHWEIZER Keren 3)SCHATZBERGER Shaike
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(57) Abstract :

A tissue handling device is disclosed. A tissue collecting device is disclosed. A cassette for handling biological tissues is disclosed. A tissue dyeing device is disclosed. A method for handling biological tissues is disclosed. A method for dyeing biological tissues is disclosed.

No. of Pages : 76 No. of Claims : 74

(19) INDIA

(22) Date of filing of Application :08/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : CONTROL VALVE FOR AN AIR SPRING AND MOTOR VEHICLE SEAT HAVING A CONTROL VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2012 001 990.4 :02/02/2012 :Germany :PCT/EP2013/000330 :01/02/2013 :WO 2013/113519 :NA :NA :NA	 (71)Name of Applicant : 1)ISRINGHAUSEN GMBH & CO. KG Address of Applicant :Isringhausen Ring 58 32657 Lemgo Germany (72)Name of Inventor : 1)LIEKER Reiner
Filing Date	:NA	

(57) Abstract :

The invention relates to a control valve (16) for an air spring comprising a housing (41) an exhaust duct that has an exhaust tappet (26) for opening of closing the exhaust duct which exhaust tappet interacts with a first control means (19) a ventilation duct that has a ventilation tappet (27) for opening or closing the ventilation duct which ventilation tappet interacts with a second control means (20) and a supplemental duct having a supplemental tappet (28) for opening or closing the supplemental duct which supplemental tappet interacts with a third control means (21) wherein a first air connection A connects to the exhaust duct and a second air connection P connects to the exhaust duct together with the supplemental duct wherein a first control means (19) and a second control means (20) are arranged to one another in such a manner that said control means (21) are arranged to one another in such a manner that the supplemental duct can only be opened when the ventilation duct is opened. The invention further relates to a motor vehicle seat comprising a mechanical swing system and an air spring which motor vehicle seat has such a control valve.

No. of Pages : 32 No. of Claims : 13

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : MULTI-HIGH ROLL	ING MILL	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21B31/02 :2012- 070587	 (71)Name of Applicant : 1)MITSUBISHI-HITACHI METALS MACHINERY, INC. Address of Applicant :34-6, SHIBA 5-CHOME, MINATO- KU, TOKYO 1080014 JAPAN (72)Name of Inventor : 1)TAKASHI NORIKURA 2)MICHIMASA TAKAGI 3)SHIN OZENI

(57) Abstract :

Provided is a multi-high rolling mill of a monoblock housing structure which includes a pair of upper and lower work rolls 30, two pairs of upper and lower first intermediate rolls 40 supporting the work rolls 30, three pairs of upper and lower second intermediate rolls 50 supporting the first intermediate rolls 40, and four pairs of upper and lower divided-backing-bearing assembly shafts 60 supporting the second intermediate rolls 50, and in which backing bearing shafts 61 are held by eccentric rings 70, the eccentric rings 70 are rotatably supported by saddles 63, and the saddles 63 are fixed to a housing 11. In the multi-high rolling mill, eccentricity amounts in the four divided-backing-bearing assembly shafts 60a, 60d, 60e, 60h installed on an entry side and a delivery side in a threading direction are set to be large and the backing bearing shafts 61 are made to rotate by drive of hydraulic cylinders 100 via drive gears 90 and pinion gears 80.

No. of Pages : 30 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :07/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : DEUTERAT	ED ALPHA LIPOIC ACI	D
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D339/04 :61/588027 :18/01/2012 :U.S.A. :PCT/US2013/021842 :17/01/2013 :WO 2013/109692 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CONCERT PHARMACEUTICALS INC. Address of Applicant :99 Hayden Avenue Suite 500 Lexington MA 02421 U.S.A. (72)Name of Inventor : 1)MORGAN Adam

(57) Abstract :

The present invention provides a compound of Formula (I) wherein: each X is independently hydrogen or deuterium; and at least one X is deuterium.

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

(19) INDIA

(22) Date of filing of Application :07/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : BLEEDOUT	DETECTION SYSTEM	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B22D11/16 :13/385421 :17/02/2012 :U.S.A.	 (71)Name of Applicant : 1)WAGSTAFF INC. Address of Applicant :3910 N. Flora Road Spokane WA 99216 U.S.A (72)Name of Inventor : 1)KERBS Jacob L. 2)SALEE David

(57) Abstract :

A continuous casting mold with a bleedout detection system is disclosed which may include a casting mold framework a molten metal casting mold with a mold inlet and a mold outlet the mold outlet having a mold cavity perimeter; and a bleedout detection system which may include: a signal generator that provides a balanced current to a sensor/conductor at or near the mold outlet perimeter; a current detector electrically connected to the sensor/conductor; and a programmable controller configured to receive an electrical signal from the bleedout detection system regarding the status of the sensor/conductor.

No. of Pages : 36 No. of Claims : 30

(21) Application No.1602/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : THERMOPLASTIC STARCH COMPOSITION DERIVES FROM AGRICULTURAL WASTE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:21/11/2012 :WO 2013/137711 :NA	 (71)Name of Applicant : 1)TEXCHEM POLYMERS SDN BHD Address of Applicant :No 1465 Mukim 11 Lorong Perusahaan Maju 6 Prai Industrial Estate Phase 4 13600 Prai Pulau Pinang Malaysia (72)Name of Inventor : 1)PUN Meng Yan
Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A thermoplastic starch composition acquired from compounding a mixture comprises starch containing agricultural waste in 45 to 70% by weight of total composition that the agricultural waste contains starch content less than 50% in dry weight; thermoplastic synthetic polymer in 25 to 50% by weight of total composition; plasticizer in 1 to 10% by weight of total composition; wherein the compounding is performed at a first temperature which is higher than room temperature.

No. of Pages : 30 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 15/05/2015

(51) International classification	:F16D41/22	(71)Name of Applicant :
(31) Priority Document No	:61/576487	1)DAYCO IP HOLDINGS LLC
(32) Priority Date	:16/12/2011	Address of Applicant :2025 W. Sunshine Street Suite L145
(33) Name of priority country	:U.S.A.	Springfield MO 65807 U.S.A.
(86) International Application No	:PCT/US2012/069386	(72)Name of Inventor :
Filing Date	:13/12/2012	1)McCRARY Paul T.
(87) International Publication No	:WO 2013/090510	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PULLEY ASSEMBLY WITH A DECOUPLING MECHANISM

(57) Abstract :

Various pulley assemblies are described that include a pulley body a hub defining an axis of rotation disposed within a bore of the pulley body and an actuator and a clutch mechanism disposed about the hub. The actuator axially expands when the pulley body rotates in a predominant direction and the clutch mechanism is activated thereby into an engaged position. In this engaged position the clutch mechanism links the pulley body to the hub for simultaneous rotation in the predominant direction. Then when the pulley body rotates in a non dominant direction or experiences a deceleration the pulley assembly enters an overrun position where the clutch mechanism disengages and allows the hub to rotate at speeds greater than the pulley body. Additionally a reverse configuration is described where the actuator axially expands when the hub rotates and the clutch mechanism when engaged links the hub to the pulley body.

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

(19) INDIA

(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RADIO COMMUNICATION BASE STATION APPARATUS AND RADIO COMMUNICATION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:19/01/2007 :WO/2007/083762 :NA	 (71)Name of Applicant : 1)PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA Address of Applicant :20000 Mariner Avenue, Suite 200, Torrance CA 90503, United States of America. (72)Name of Inventor : 1)Kenichi MIYOSHI 2)Akihiko NISHIO 3)Daichi IMAMURA <lu>4)Hidetoshi SUZUKI</lu>
Number Filing Date	:NA	4)Hidetoshi SUZUKI
(62) Divisional to Application Number Filed on	:1470/MUMNP/2008 :11/07/2008	

(57) Abstract :

Provided is a base station capable of performing cell search of all mobile stations having different communicable frequency band widths in a scalable band width communication system to which a multi-carrier communication method such as the OFDM method is applied. The base station includes: a modulation unit (102) for modulating SCH data after being encoded; a sub carrier setting unit (105) for setting one of the sub carriers to a sub carrier (SCH sub carrier) constituting the OFDM symbol for SCH data transmission; and an IFFT unit (106) for mapping the SCH data to the sub carrier set by the sub carrier setting unit (105) among the sub carriers and performing IFFT to generate an OFDM symbol. The sub carrier setting unit (105) sets one of the sub carriers which has a frequency of a common multiple between the sub carrier interval and the cell search interval as an SCH sub carrier.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : COMPREHENSIVE UTILIZATION METHOD FOR BIOMASS CONTAINING AMORPHOUS SILICON DIOXIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B33/12,C01B33/023,C01B31/08 :201210002005.9 :05/01/2012 :China :PCT/CN2012/087604 :27/12/2012 :WO 2013/102414 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD. Address of Applicant :Tl Jiangxia Avenue, Miaoshan Development Zone, Jiangxia District, Wuhan, Hubei 430212, (71)Name of Inventor : (72)Name of Inventor : 1)ZHANG Yanfeng 2)CAO Minxia 3)LI Hong 4)RAO Qi
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(57) Abstract :

Provided is a comprehensive utilization method for a biomass containing amorphous silicon dioxide. The method comprises:

pyrolyzing the biomass under anaerobic conditions collecting the pyrolyzed gas produced; and then calcining under aerobic conditions so as to obtain the amorphous silicon dioxide. The biomass is rice hulls.

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

(19) INDIA

(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL PLATE WITH GOOD DUCTILITY STRETCH FLANGEABILITY AND MATERIAL QUALITY UNIFORMITY AND PROCESS FOR MANUFACTURING SAME

(51) International classification	:C22C38/14,C21D8/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:NA	ku Tokyo 1000011 Japan
(86) International Application No	:PCT/JP2012/061700	(72)Name of Inventor :
Filing Date	:26/04/2012	1)KOSAKA Noriaki
(87) International Publication No	:WO 2013/161090	2)SETO Kazuhiro
(61) Patent of Addition to Application	:NA	3)KAWABE Hidetaka
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are: a hot rolled steel plate which exhibits a high strength and excellent ductility and stretch flangeability and which exhibits good material quality uniformity such that the strength scatter in a coil is small; and a process for manufacturing the same. This process includes subjecting a slab having a composition which contains 0.020 to 0.065% of C at most 0.1% of Si 0.40 to less than 0.80% of Mn at most 0.030% of P at most 0.005% of S 0.08 to 0.16% of Ti 0.005 to 0.1% of Al and at most 0.005% of N with the balance being Fe and unavoidable impurities and which satisfies the relationships: Ti = 0.08 and 0.300 = C/Ti = 0.375 [wherein Ti = Ti (48/14)—N] to hot rolling to form a hot rolled steel plate which has a structure such that: the area fraction of ferrite is 95% or more; the mean ferrite grain diameter is 10µm or less; the mean particle diameter of Ti carbide precipitated in the steel is 10nm or less; and Ti in an amount of at least 80% of Ti is precipitated as Ti carbide.

No. of Pages : 35 No. of Claims : 2

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYNCHRONIZING DEVICE FOR SYNCHRONIZING SLIDING MOVEMENTS OF SLIDING RAIL UNITS AND A DRAWER, AND SYNCHRONIZING SPINDLE EXTENSION CONNECTOR AND ANTI-WOBBLING UNIT USED FOR THE SAME

(57) Abstract :

A synchronizing device (9) includes a pair of guiding units (4), a pair of rotating units (5), a synchronizing linking unit (6), and at least one anti-wobbling unit (7). Each rotating unit (5) includes a pinion gear (51). The synchronizing linking unit (6) interconnects the rotating units (5) to synchronizemovements of the pinion gears (51) on the guiding units (4), and includes at least one synchronizing spindle (61) and at least one synchronizing spindle extension connector (62) that is connected to the synchronizing spindle (61) and that includes an annular contact surface with a non-circular cross-section to interlock with the synchronizing spindle (61). The anti-wobbling unit includes a resilient anti-wobbling pad member (71) to prevent wobbling of the synchronizing linking unit (6).

No. of Pages : 44 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :25/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING AUTOMATIC INTERWORKING OF MULTIPLE DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04Q9/04 :1020120022250 :05/03/2012 :Republic of Korea :PCT/KR2012/011244 :21/12/2012 :WO 2013/133513 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MTEK C&K CO.LTD. Address of Applicant :#1005 Incheon ITTower 592 5 Dohwa1 dong Nam gu Incheon 402 711 Republic of Korea (72)Name of Inventor : 1)KIM Jong Yong
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(57) Abstract :

The present invention relates to a method for controlling automatic interworking of multiple devices and more particularly to a method for controlling automatic interworking of multiple devices by which the multiple devices can be easily controlled according to a set operation mode by combining functions of the multiple devices through one central control device without individually controlling the functions of each of the multiple devices that is all operations of the multiple devices can be controlled through interworking by one command of an operation mode set in the central control device. To this end the present invention is a method for controlling the same comprising: an operation mode setting step of setting an operation mode in which performable functions of the electronic devices are combined and performed in a specific order and storing the set operation mode in the central control device; an operation mode selecting step of selecting an operation mode to be executed from among a plurality of set operation modes; and a controlling step of controlling the electronic devices according to the selected operation mode.

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

(21) Application No.1632/MUMNP/2014 A

(19) INDIA(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : HYDROTHERMALLY STABLE LOW TEMPERATURE NOX REDUCTION NH3 SCR CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01J29/70,B01J29/76,B01J29/78 :13/404071 :24/02/2012 :U.S.A. :PCT/US2013/027206 :22/02/2013	 (71)Name of Applicant : 1)UT BATTELLE LLC Address of Applicant :One Bethel Valley Road Oak Ridge Tennessee 37831 6528 U.S.A. (72)Name of Inventor : 1)NARULA Chaitanya K. 2)YANG Xiaofan
(87) International Publication No	:WO 2013/126619	
 (61) Patent of Addition to Application Number Filing Date (2) Distribution Application 	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A catalyst composition includes a heterobimetallic zeolite characterized by a chabazite structure loaded with copper ions and at least one trivalent metal ion other than Al3+. The catalyst composition decreases NOemissions in diesel exhaust and is suitable for operation in a catalytic converter.

No. of Pages : 23 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :06/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING A VANITY UNIT ASSEMBLY AND VANITY UNIT ASSEMBLY **OBTAINED BY THIS METHOD**

(51) International classification	:B29C45/14,B29L31/44,A47B77/06	(71)Name of Applicant : 1)CHENE VERT
(31) Priority Document No	:12/00358	Address of Applicant :12 rue Jean Rostand Zone Industrielle
(32) Priority Date	:07/02/2012	Val de Caussels F 81000 Albi France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No Filing Date	:05/02/2013	1)GALINIER Beno®t
(87) International Publication No	:WO 2013/117855	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The invention concerns a method for producing a vanity unit assembly (19) comprising the following steps: making a cutout in a receiving surface (1) leaving behind an edge (6) made from a laminate layer (3) overhanging the inside of the cutout making from a thin sheet of thermoplastic synthetic material(s) called the decorative film a preform (10) of the basin comprising a rim (11) that is planar along the periphery thereof towards the outside of the preform said rim having a width smaller than the width of the laminate layer edge (6) installing the preform (10) and the receiving surface in the mould in such a way that the preform is inserted into the cutout formed in the support material and that the planar rim (11) of the preform comes into contact with the laminate layer edge (6) closing the mould and injecting a second thermoplastic synthetic material called injected material (15) between the concave shell and the preform. The invention also concerns a vanity unit (19) wherein the basin (18) is flush with the receiving surface (1).

No. of Pages : 27 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :04/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS TO REDUCE COMPLICATIONS OF OCULAR STEROID

(51) International classification:A61K31/661,A61K31/685,A61K31/56(31) Priority Document No:61/597189(32) Priority Date:10/02/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2013/025390 :08/02/2013(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/119988(62) Divisional to Application Number Filing Date:NA :NA :NA	 (71)Name of Applicant : 1)TAIWAN LIPOSOME COMPANY LTD Address of Applicant :11F 1 No 3 Yuanqu Street Nangang District Taipei City Taiwan China 2)TLC BIOPHARMACEUTICALS INC (72)Name of Inventor : 1)HONG Keelung 2)GUO Luke S.S. 3)SHIH Sheue Fang 4)CHANG Po Chun 5)TSAI Chih Chiang 6)LIN Hong Hui 7)TSENG Yun Long
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(57) Abstract :

The present invention relates to pharmaceutical compositions comprising a combination of a lipid cake mixture comprising one or more phospholipids with or without cholesterol and a steroid solution comprising an ocular steroid derivative thereof a pharmaceutically acceptable salt thereof or a prodrug thereof wherein the total amount of the phospholipid in the said composition is about 0.1 umol to less than about 2.5umol per 50ul of pharmaceutical composition and the side effects of the ocular steroid are reduced. The pharmaceutical composition is preferably administered by ocular route to treat ophthalmic diseases.

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

(19) INDIA

(22) Date of filing of Application :13/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD FOR PRODUCING MICROCHIP FOR USE IN NUCLEIC ACID AMPLIFICATION REACTION

classification:C12M1/00,C12N15/09,G01N37/00(31) Priority Document No:2012-052322(32) Priority Date:08/03/2012(33) Name of priority country:Japan(7):PCT/JP2013/050652No:16/01/2013	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)MATSUMOTO Masahiro 2)SATO Masaki 3)WATANABE Hidetoshi
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(57) Abstract :

Provided is a method for producing a microchip for use in a nucleic acid amplification reaction which enables a simple and highly accurate analysis. Provided is a method for producing a microchip for use in a nucleic acid amplification reaction comprising: a solidification step of drying a reagent solution containing at least a portion of a substance needed for the nucleic acid amplification reaction; and an accommodation step of placing a reagent containing the solidified substance in a well which is a reaction place for the nucleic acid amplification reaction. In the microchip for use in a nucleic acid amplification reaction which is produced by the production method the substance needed for the nucleic acid amplification reaction is accommodated in a solidified state. Therefore it becomes possible to inhibit the occurrence of a non specific amplification in a nucleic acid amplification reaction and therefore it becomes possible to carry out an analysis with high accuracy.

No. of Pages : 37 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :30/07/2014

(43) Publication Date : 15/05/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:E02D29/02 :1200401.6 :11/01/2012 :U.K. :PCT/GB2012/053275 :28/12/2012 :WO 2013/104887	 (71)Name of Applicant : 1)HESCO BASTION LIMITED Address of Applicant :Unit 37 Knowsthorpe Gate Cross Green Industrial Estate Leeds Yorkshire LS9 0NP U.K. (72)Name of Inventor : 1)SCOTT Kenny
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : GABION

(57) Abstract :

The present invention relates to a gabion deployment platform for storing a folded multi compartment gabion and from which the gabion can be deployed the deployment platform comprising: a base element for supporting the folded multi compartmental gabion the base element comprising a first member configured to extend along at least a part of a first side of said folded multi compartment gabion and a second member extending transversely from said first member said second member configured to extend along at least a part of a second side of said folded multi compartmental gabion; and at least one retaining element coupled at a first end thereof to said base element said at least one retaining element being releasably attached connected or retentively engaged at least at one point of said at least one retaining element by way of at least one releasable attaching connecting or retentive engaging means to a portion of a compartment of said folded multi compartment gabion said at least one retaining element serving to attach connect or retentively engage a part of the gabion to the base element when the gabion is folded but to release the gabion from the base element when the gabion is deployed.

No. of Pages: 87 No. of Claims: 63

(19) INDIA

(22) Date of filing of Application :08/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND APPARATUS FOR ADAPTING FEMTOCELL PROPERTIES BASED ON CHANGES DETECTED IN NETWORK TOPOLOGY

Publication No:WO 2013/134433(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NAApplication Number Filing Date:NA	(33) Name of priority country:U.S.A(86) International Application No Filing Date:PCT/L :06/03/(87) International Publication No (61) Patent of Addition to Application Number:WO 20 :NA	A. US2013/029456	 5775 Morehouse Drive San Diego California 92121 U.S.A (72)Name of Inventor : MESHKATI Farhad TOKGOZ Yeliz 3)PATEL Chirag Sureshbhai TINNAKORNSRISUPHAP Peerapol YAVUZ Mehmet
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(57) Abstract :

Methods and apparatus are provided for adapting femtocell properties based on changes detected in network topology. A method includes detecting a network topology change associated with a network node. The method includes determining an availability factor of the network node based on the topology change. The method includes setting mobility parameters of at least one mobile entity serviced by the network entity and mitigating interference with at least one neighboring network node based at least in part on the network topology and on at least one adjusted resource parameter of the network entity.

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

(19) INDIA

(22) Date of filing of Application :30/07/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : WIND PARAMETER INDICATION (51) International classification :G01S1/00,G01S19/15,G01S5/00 (71)Name of Applicant : 1)VENTUS-PRODUCT DEVELOPMENT & (31) Priority Document No :217985 (32) Priority Date :07/02/2012 CONSULTING LTD. (33) Name of priority country Address of Applicant :4/4 AHARON BOKSER ST. 74057 :Israel NES TZIYONA, ISRAEL (86) International Application :PCT/IL2013/050036 (72)Name of Inventor: No :14/01/2013 Filing Date 1)HALFON Itzhak (87) International Publication No:WO 2013/118112 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Wind parameter indication device and method for providing an indication of wind speed and wind direction. The device is deployed along an aerial trajectory toward a ground surface such as after being ejected from an aircraft in flight. The device includes an anemometer an altimeter a compass a processor and a transmitter. The anemometer obtains local wind speed and local wind direction measurements along the trajectory. The altimeter obtains altitude measurements along the trajectory. The compass obtains direction measurements along the trajectory. The device may further include an accelerometer for obtaining acceleration measurements along the trajectory. The processor determines a wind speed value and a wind direction value associated with a predetermined altitude of the device. The transmitter transmits the determined wind speed value and wind direction value to a remotely located receiver. The device may further include a stabilizing decelerator to stabilize and decelerate the device along the trajectory.

No. of Pages : 51 No. of Claims : 27

(22) Date of filing of Application :07/08/2014

(21) Application No.1604/MUMNP/2014 A

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANTI ROCKET SYSTEM			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F41G7/30,F41H11/02,G01S7/00 :217450 :10/01/2012 :Israel :PCT/IL2013/050026 :10/01/2013 o:WO 2013/105093 :NA :NA :NA	 (71)Name of Applicant : 1)ISRAEL AEROSPACE INDUSTRIE LTD. Address of Applicant :Ben Gurion International Airport 70100 Lod Israel (72)Name of Inventor : 1)ROVINSKY Jacob 	

(57) Abstract :

A counter flying object system comprising a sensor array including at least one active sensor configured to detect and track the flying object and a missile launcher configured to launch an interceptor to intercept the flying object wherein upon launching of the interceptor the sensor array is configured to determine the location of the interceptor and send said object and interceptor locations to a control system the control system being configured to provide mission data to the interceptor based on said object and interceptor locations for guiding the interceptor toward the flying object and activating a fragmentation warhead on or in the vicinity of said flying object when a lethality criteria is met.

No. of Pages : 68 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :08/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : SIGNALING OF VIRTUAL CELL IDENTIFIERS AND FALLBACK OPERATION

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a cell identifier is selected based on one or more properties associated with received downlink control information (DCI) where the properties may not be exclusively associated with determining a cell identifier. The cell identifier may be selected from a plurality of cell identifiers received through radio resource control signaling. The properties of the DCI may include a type of download control channel a type of subframe and a type of DCI format used to provide the DCI.

No. of Pages : 59 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :12/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : REGIONAL AND NARROW BAND COMMON REFERENCE SIGNAL (CRS) FOR USER EQUIPMENT (UE) RELAYS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority countr 	:H04W72/04,H04L5/00,H04W88/04 :61/591828 :27/01/2012 v:U.S.A	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2013/023325 :26/01/2013	1)CHEN Wanshi 2)DAMNJANOVIC Aleksandar 3)MONTOJO Juan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

Certain aspects of the present disclosure relate to techniques for assigning resources for common reference signal (CRS) transmissions from user equipment (UE) relays. Aspects of the present disclosure provide techniques to use minimum possible resources for transmission of CRS in an attempt to reduce interference reduce power consumption while providing appropriate reference for channel measurement and demodulation. In an aspect a wireless node (e.g. a UE relay station) may determine resources for transmission of CRS in a subframe based at least in part on a type of one or more channels to be transmitted in the subframe and may transmit the CRS using the determined resources.

No. of Pages : 37 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :12/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : ANTI MALARIAL AGENTS

(51) International classification:C07D401/04,C07D401/10,C(31) Priority Document No:61/600324(32) Priority Date:17/02/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/IB2013/051235(87) International Fublication No:WO 2013/121387(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA(61) Patent of Number Filing Date:NA(62) Divisional to Filing Date:NA	 (71)Name of Applicant : 1)UNIVERSITY OF CAPE TOWN Address of Applicant :Bremner Building Lovers™ Walk Private Bag X3 7701 Rondebosch South Africa South Africa 2)MMV MEDICINES FOR MALARIA VENTURE (72)Name of Inventor : 1)YOUNIS Yassir 2)CHIBALE Kelly 3)WITTY Michael John 4)WATERSON David
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(57) Abstract :

The present invention is related to a use of aminopyrazine derivatives in the manufacture of a medicament for preventing or treating malaria. Specifically the present invention is related to aminopyrazine derivatives useful for the preparation of a pharmaceutical formulation for the inhibition of malaria parasite proliferation.

No. of Pages : 64 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : ACCOMPLISHING CASHLESS TRANSACTION IN ALL BUSINESS DEALINGS BETWEEN TWO ENTITIES.

(51) International classification:G06Q 20/00(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:NA	 (71)Name of Applicant : 1)SANJAY SHARMA Address of Applicant :301, PEARL HOUSE APARTMENTS, 6-3-252/2/2, ERRA MANZIL, BEHIND TAJ KRISHNA, HYDERABAD, A.P., INDIA PIN - 500082 2)MRS. NIDHI SHARMA 3)DR. RAKESH KUMAR VATS, IAS (72)Name of Inventor : 1)SANJAY SHARMA
(61) Facility of Addition to Application Number:NAFiling Date:NAFiling Date:NA	2)MRS. NIDHI SHARMA 3)DR. RAKESH KUMAR VATS, IAS

(57) Abstract :

Currency Notes / Coins is the widely accepted and legal means to accomplish the business dealings between any two entities. Government is required to print these currency notes in highly secure environment at an exorbitantly high cost. Subsequently, these currency notes are to be transported safely across different places in country for use by citizens under strong security cover by incurring very high cost and with associated risk(s). The circulation and usage of these currency notes is giving rise to entirely different set of challenges: - Economic Challenges or Large transactions involving huge amount of cash against violation of RBI norms; Accumulation of cash beyond RBIs stipulated limit; Generation of Black Money etc. - Security Challenges or Counterfeit Currency Circulation; Currency Smuggling; Illegal routing of money through Hawala Transactions. - Socio-Economic Challenges or Financial Inclusion; High risk(s) of carrying cash by an individual; Crime related with Cash. We can overcome all the above challenges, by ensuring cashless transaction at entity-to-entity level through GULORI. GULORI is a handheld and pluggable device, which can connect with another similar device and facilitate transfer of funds like cash is exchanged from one wallet to another wallet. The invention of GULORI would be a game changer not only for India but also for rest of world. All the economies of the world will get benefitted by - Eliminating the printing cost / transportation cost of currency and coins. - Eliminating counterfeit currency and its circulation. - Preventing currency smuggling and illegal routing of money through Hawala transactions. - Achieve 100% Financial Inclusion even in remote areas. - Prevent cash related crimes in country.

No. of Pages : 13 No. of Claims : 1

(22) Date of filing of Application :08/11/2013

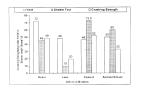
(43) Publication Date : 15/05/2015

(54) Title of the invention : A PROCESS FOR MANUFACTURING OF BRIQUETTES FROM FERRO MANGANESE AND SILICO MANGANESE FINES USING ORDINARY PORTLAND CEMENT AS BINDER.

(51) International classification	:C10L 5/00	(71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(32) Priority Date	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ROY INDRANIL
Filing Date	:NA	2)KUJUR MANISH KUMAR
(87) International Publication No	: NA	3)GARAI SWAPAN KUMAR
(61) Patent of Addition to Application Number	:NA	4)GHOSH NIRMAL KANTI
Filing Date	:NA	5)PURIMETLA CHINTAIAH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for briquetting of ferro manganese and silico manganese fines. In the present invention cement is being used as binder and clay is being used as additives. The curing process according to the present invention provides sufficient strength to manufactured briquettes to maintain its shape and size during transportation. Curing of the briquettes is done at room temperature only. The present invention provides a low cost briquetting of ferro manganese and silico manganese.



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

(19) INDIA

(22) Date of filing of Application :09/06/2010

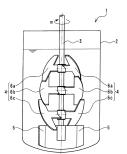
(43) Publication Date : 15/05/2015

(51) International classification	:A47J27/14	(71)Name of Applicant :
(31) Priority Document No	:2009-007498	1)DIC CORPORATION
(32) Priority Date	:16/01/2009	Address of Applicant :35-58, SAKASHITA 3-CHOME,
(33) Name of priority country	:Japan	ITABASHI-KU, TOKYO 174-8520 JAPAN
(86) International Application No	:PCT/JP2009/068452	(72)Name of Inventor :
Filing Date	:28/10/2009	1)HANDA, HARUHISA
(87) International Publication No	:WO/2010/082391	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : AGITATION APPARATUS AND AGITATION METHOD

(57) Abstract :

An agitation apparatus and an agitation method that ensure rapid and homogeneous agitation/mixing of fluids with a wide spectrum of viscosities from low to high levels and fluids with high thixotropy throughout an agitation vessel are provided. In an agitation apparatus 1, a lowest upper agitation blade (6c) is arranged to be vertically adjacent to a lower blade (5). As viewed from above, a line on a plane connecting a lower end portion of the lowest upper agitation blade (6c) to the center of an agitation shaft is arranged by a predetermined angle with respect to the center line of the lower blade (5) in a blade radial direction. As viewed from the side, a horizontal cross section including the lower end portion of the lowest upper agitation blade is located below a horizontal cross section including an upper end portion of the lower blade (5).



No. of Pages : 122 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : LOAD OR MATERIAL HANDLING BOOM BASED VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E02F 9/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)TIL LIMITED Address of Applicant :1, Taratola Road, Garden Reach, Kolkata (72)Name of Inventor : 1)PINAKI NIYOGY
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(57) Abstract :

A material handling boom based vehicle such as crane for lifting and conveying material or load comprising a rigid articulation free chassis having an integral front and rear section, a driver's cabin in said front section of the chassis and a selectively manoeuvrable material handling boom mounted behind driver's cabin. The said rigid chassis comprises a load carrying deck at the rear section of the chassis and split counterweight to balance the chassis and the material handling boom. Figure 1(a)

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

(19) INDIA

(22) Date of filing of Application :08/03/2011

(43) Publication Date : 15/05/2015

(54) Title of the invention : CHARGEABI	LE INDUCTIVE POWER	R
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:G06F1/26 :60/960,635 :09/10/2007 :U.S.A. :PCT/IL2008/2010 :12/10/2008 : NA :NA :NA :NA :1491/KOLNP/2010 :28/04/2010	 (71)Name of Applicant : 1)POWERMAT LTD. Address of Applicant :KIRYAT HATIKSHORET, 90850 NEVE ILAN ISRAEL (72)Name of Inventor : 1)AZANCOT, YOSSI 2)BENSHALOM, AMIR 3)GREENWALD, OoLA 4)ROFE, ARIK

(57) Abstract :

A rechargeable inductive charger comprising of at least one chargeable power pack; at least one charging circuit configured to regulate charging of said power pack; at least one inductive coil concealed behind a platform; and at least one driving circuit connectable to said power pack and operable to provide a varying electrical potential across said inductive coil such that said inductive coil is inductively coupleable to a secondary coil placed over said platform and wired to an electrical load.

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

(19) INDIA

(22) Date of filing of Application :14/11/2013

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING NAPROPAMIDE -M :C07C (71)Name of Applicant : (51) International classification 233/00 1)UPL LTD (31) Priority Document No Address of Applicant :AGROCHEMICAL PLANT, :NA DURGACHAK HALDIA - 721 602, MIDNAPORE DIST. WEST (32) Priority Date :NA (33) Name of priority country BENGAL, INDIA :NA (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)SHANKER, BIRJA (87) International Publication No : NA 2)SHROFF, JAIDEV RAJNIKANT (61) Patent of Addition to Application Number :NA **3)SHROFF, VIKRAM RAJNIKANT** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed herein is a non-aqueous process for preparing R-(-)-N,N-diethyl-2-(α - naphthoxy) propionamide comprising steps of: i. reacting (L)-2-(-)halopropionic acid with thionyl chloride and basic compound to form (L)-2-(+)-halopropionyl chloride; ii. reacting the (L)-2-halopropionyl chloride with N,N-diethylamine in presence of non- aqueous base and an organic solvent to form (L)-2-(+)-N,N-diethyl-halopropionamide; and iii. reacting the mass containing (L)-2- N,N-diethyl-halopropionamide with α -naphthol in the presence of a non- aqueous base to form R-(-)-N,N- diethyl-2-(α -naphthoxy)propionamide.

No. of Pages : 36 No. of Claims : 20

(22) Date of filing of Application :13/08/2014

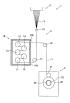
(43) Publication Date : 15/05/2015

(54) Title of the invention : THERMAL INSULATION BOX FOR YARN HEATING ROLLERS AND METHOD OF MANUFACTURING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2013-187208 :10/09/2013 :Japan	 (71)Name of Applicant : 1)TMT MACHINERY, INC. Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2- 6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541- (0041, JAPAN (72)Name of Inventor : 1)SUGIYAMA KENJI 2)HASHIMOTO KINZO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A thermal insulation box which is easily constructed is provided, and a thermal insulation box which has high and uniform thermal insulation is provided. A thermal insulation box 16 has a structure in which six box wall members 30 are joined together. Each box wall member 30 includes a metal box 31 and a thermal insulation plate 32. The metal box 31 includes a reinforcing plate 34 and a side plate 35, and the reinforcing plate 34 and the side plate 35 are formed by one-piece molding. The thermal insulation plate 32 is housed in the metal box 31 and is provided on the reinforcing plate 34.



No. of Pages : 56 No. of Claims : 13

(22) Date of filing of Application :25/03/2010

(43) Publication Date : 15/05/2015

(54) Title of the invention : MAP, MAPPING METHOD, USES THEREOF, LOCALIZATION METHOD AND USE THEREOF AS WELL AS NAVIGATION APPARATUS

(51) International classification	:G01C21/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EADS DEUTSCHLAND GMBH
(32) Priority Date	:NA	Address of Applicant :WILLY-MESSERSCHMITT-
(33) Name of priority country	:NA	STRASSE, D-85521 OTTOBRUNN GERMANY
(86) International Application No	:NA	2)INDIAN INSTITUTE OF TECHNOLOGY,
Filing Date	:NA	KHARAGPUR
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)REIGER, RUPERT
Filing Date	:NA	2)SARKAR, ANJAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

For providing a more precise localization usable by autonomous systems and manbased navigation, the invention provides a Map for localization or navigation, comprising a mapped area divided into a plurality of map segments defined by surfaces of similar appearance, wherein each map segment is classified by being assigned to one surface type which is selected from a predetermined group of different surface types depending from the appearance of the surface of the map segment, wherein a map segment data group is assigned to each map segment, the map segment data group comprising information about the selected surface types of all adjacent map segments. Further, a mapping method for generating such map, as well as localization and navigation methods and a navigation apparatus for conducting such methods is described.

No. of Pages : 57 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :07/06/2010

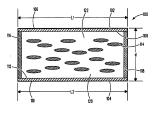
(43) Publication Date : 15/05/2015

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:11/967,598	1)MOTOROLA, INC.
(32) Priority Date	:31/12/2007	Address of Applicant :1303 EAST ALGONQUIN ROAD,
(33) Name of priority country	:U.S.A.	SCHAUMBURG, ILLINOIS 60196 UNITED STATES OF
(86) International Application No	:PCT/US2008/087909	AMERICA
Filing Date	:22/12/2008	(72)Name of Inventor :
(87) International Publication No	:WO/2009/088722	1)YANG, SEN
(61) Patent of Addition to Application	:NA	2)JOHNSON, KEVIN W.
Number	:NA :NA	3)WANG, DONGXUE
Filing Date	INA	4)WEN, CHIEN-HUI
(62) Divisional to Application Number	:NA	5)ZHUANG, ZHIMING
Filing Date	:NA	
		·

(54) Title of the invention : DEVICE AND METHOD FOR REDUCING OPTICAL BLURRING

(57) Abstract :

A camera-movement compensation device includes a first liquid-crystal cell with a pair of parallel transparent plates and a first voltage source coupled to the first liquid-crystal cell and able to apply and alter a first voltage gradient across the plates of the first liquid-crystal cell. The device also includes a second liquid-crystal cell having a pair of parallel transparent plates and disposed so that each of the plates of the second liquid-crystal cell is parallel to the plates of the first liquid-crystal cell and in light communication with at least one wave of light passing through the plates of the first liquid-crystal cell, a second voltage source coupled to the second liquid-crystal cell and able to apply and alter a second voltage gradient across the surfaces of the second liquid-crystal cell, and a movement detector coupled to the voltage sources to alter the slope of the voltage gradients in proportion to a movement.



No. of Pages : 42 No. of Claims : 20

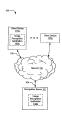
(22) Date of filing of Application :14/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : RECOGNITION PROCEDURE FOR IDENTIFYING MULTIPLE ITEMS IN IMAGES :g06k9/00624 (71)Name of Applicant : (51) International classification :13/967,294 (31) Priority Document No 1)RICOH COMPANY, LTD. (32) Priority Date :14/08/2013 Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555, JAPAN (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)JORGE MORALEDA (87) International Publication No : NA 2)SRI KAUSHIK PAVANI (61) Patent of Addition to Application Number :NA **3)ANSHUL GARG** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The disclosure includes a system and method for identifying multiple items in an image. A image recognition application receives (602) a query image of items, computes (604) features of the query image, for each feature finds an indexed image with closest matched features in a database, determines (608) that the shape of the matched features is geometrically consistent, determines (610) whether the query image matches the indexed image, responsive to the query image matching the indexed image, returns inliers, determines a region of interest where the match was found in the query image, removes inliers from the set of features to reduce the set of features and returns (616) all matches found when the query image fails to match the indexed image.



No. of Pages : 59 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM AND METHOD OF WRITE HOLE PROTECTION FOR A MULTIPLE-NODE STORAGE CLUSTER

(51) International classification11/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	Address of Applicant :1320 RIDDER PARK DRIVE, SAN JOSE, CA 95131, UNITED STATES OF AMERICA (72)Name of Inventor : 1)SUMANESH SAMANTA
Filing Date:NA(87) International Publication No: NA(81) Dependent All Weissen Al	2)HORIA CHRISTIAN SIMIONESCU 3)LUCA BERT
(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	4)DEBAL KR. MRIDHA 5)MOHANA RAO GOLI

(57) Abstract :

The disclosure is directed to preserving data consistency in a multiple- node data storage system. According to various embodiments, a write log is maintained including log entries for data transfer requests being served by a respective node of the multiple-node data storage system. Rather than maintaining a full write journal of data and parity associated with each data transfer request, the log entries only need to identify portions of the virtual volume being updated according to the data transfer requests served by each node. When a first node fails, a second node takes over administration of a virtual volume for the failed node. Upon taking over for the first (failed) node, the second node resolves any inconsistencies between data and parity in portions of the virtual volume identified the respective log entries. Accordingly, write holes are prevented without substantially increasing memory usage or system complexity.

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

(19) INDIA

(22) Date of filing of Application :26/03/2010

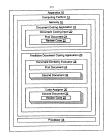
(43) Publication Date : 15/05/2015

(54) Title of the invention : PREDICTIVE CODING OF DOCUMENTS IN AN ELECTRONIC DISCOVERY SYSTEM

(31) Priority Document No :61	G06Q10/00(71)Name of Applicant :51/164,2761)BANK OF AMERICA CORPORATION
	27/03/2009Address of Applicant :MAILCODE NC1-002-29-01 101 S.J.S.A.TRYON STREET, CHARLOTTE, NORTH CAROLINA 28255
(86) International Application No :NA	NA UNITED STATES OF AMERICA.
8	NA (72)Name of Inventor : NA 1)RICHARDS, PHILLIP L.
(61) Patent of Addition to Application Number :N.	
Filing Date :N.	
(62) Divisional to Application Number :N. Filing Date :N.	

(57) Abstract :

Embodiments of the invention relate to systems, methods, and computer program products for improved electronic discovery. More specifically, embodiments relate to computer program products for predictive and automated coding of identical or highly similar documents for the purpose of limiting the volume of documents requiring review and thereby increasing the overall efficiency of the document review process.



No. of Pages : 71 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :22/06/2001

(43) Publication Date : 15/05/2015

(54) Title of the invention : A METHOD OF MAKING A MONOLAYER ABRASIVE TOOL CONTAINING A MONOLAYER, CUBIC BORON NITRIDE (CBN) AND A CBN ABRASIVE TOOL THEREOF

(51) International classification	:B05D5/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF SCIENCE & TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NEW MEHRAULI ROAD, NEW
(33) Name of priority country	:NA	DELHI 110016 AND THE INDIAN INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY, KHARAGPUR - 721 302
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AJAY KUMAR CHATTOPADHYAY
(61) Patent of Addition to Application Number	:NA	2)BARAN ASIT CHATTOPADHYAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of making a monolayer abrasive tool containing a monolayer cubic boron nitride (cBN) abrasive grit bonded to a steel substrate. Method comprises applying uniformly on the surface of a plain carbon steel substrate, a brazing paste made of Ag-Cu eutectic alloy (72% Ag, 28% Cu) mixed with 1% to 3% of titanium or titaniumhydride powder, placing cBN grits (nono crystalline/microcrystalline type) on said brazing paste, uniformly placing said grit on the surface of said steel substrate, drying the tool substrate alongwith the brazing paste and cBN grit at a temperature varying from 75°C - 125°C for 5 to 15 minutes, placing the abrasive

No. of Pages : 27 No. of Claims : 3

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : PLASTIC FILM JOINING METHOD.

(51) International classification	:B29C	(71)Name of Applicant :
(51) international elassification	65/00	1)TOTANI CORPORATION
(31) Priority Document No	:NA	Address of Applicant :4-44, NAKAKUZE-
(32) Priority Date	:NA	CHO,KUZE,MINAMI-KU,KYOTO-SHI,KYOTO 601-8213
(33) Name of priority country	:NA	Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MIKIO TOTANI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is intended to keep the plastic films from being peeled off from each other at a concerned joining portion. A composite film Co is composed of external and internal films 1 and 2 opposed to and superposed with each other, to have opposite end portions 3. The composite film Co is opposed to and superposed with an additional body Ad. The method includes joining the external and internal films 1 and 2 and the additional body Ad with each other at one of the end portions 3 so that a first joining portion 4 should be formed between the external and internal films 1 and 2, a second joining portion 5 being formed between the internal film 2 and the additional body Ad. The first joining portion 4 has a first joining width W1 and includes first outer and inner edges E1 and E1 formed by the first joining width W1. The second joining portion 5 has a second joining width W2 and includes second outer and inner edges E2 and E2 formed by the second joining width W2. The method comprises making an adjustment of the first or second joining width W1 or W2, the first joining width W1 being less than the second joining width W2 so that the first inner edge E1 should be formed outwardly of the second inner edge E2.

No. of Pages : 46 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :24/03/2010

(43) Publication Date : 15/05/2015

(54) Title of the invention : AUGER FEEDER FOR CONCRETE MIX, METHOD OF MANUFACTURING THE AUGER FEEDER, AND SLIPFORM-CASTING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:20095394 :09/04/2009 :Finland	FINLAND (72)Name of Inventor :
Filing Date	:NA	1)SEPPÄNEN AIMO
(87) International Publication No	: NA	2)KUKKA, TAPIO, TAPIO
(61) Patent of Addition to Application Number	:NA	3)LEHTONEN, HEIKKI
Filing Date	:NA	4)JÄRVINEN, LASSI
(62) Divisional to Application Number	:NA	5)EILOLA, JANI
Filing Date	:NA	

(57) Abstract :

An auger feeder for concrete mix, comprising a helical segment (1), whereby the auger feeder comprises an insert (2) mounted on an upstream end of the auger feeder, said insert being manufactured in a material softer than that used for manufacturing the auger feeders helical segment (1), and said insert comprising means (4) for fastening the auger feeder to a casting apparatus. The invention also comprises a method for manufacturing such an auger feeder, and a slipform- casting apparatus equipped with such an auger feeder.

No. of Pages : 12 No. of Claims : 10

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN IMPROVED HYDROTHERMAL PROCESS TO SYNTHESIZE ZSM-5 TYPE MOLECULAR SIEVE MATERIALS WITHOUT USING ANY TEMPLATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	29/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJBLOCK 3RD FLOOR KARUNAMOYEE,SALTLAKE CITY KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	1)SUKUMAR ROY 2)SADANAND ACHARI 3)SENTHIL KUMAR MURUGAN ARUMUGAM

(57) Abstract :

The invention describes an improved hydrothermal process for synthesizing crystalline ZSM-5 material, importantly without using any organic template material in the process and also avoiding any calcination reaction (heat treatment) in the process besides achieving lower duration of chemical reaction.

No. of Pages : 20 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : AN ARC TYPE LIQUID PETROLEUM GAS (LPG) FUEL BURNER TO ENHANCE PERFORMANCE OF THE LPG BURNER IN TERMS OF HIGH BURNING EFFICIENCY AND HIGH FLAME STABILITY

(51) International classification	:F23D 14/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VAIRAVAN SEKAR
Filing Date	:NA	2)KANNAN RAMANAN
(62) Divisional to Application Number	:NA	3)KARTHIKEYAN KAMALAKANNAN
Filing Date	:NA	4)ISRAEL KAMALAKANNAN

(57) Abstract :

The invention relates to An Arc type LPG fuel burner with high burning efficiency and high flame stability for open flame preheating in pipe headers, the burner comprising: An arc profile Burner head (06), a Brass injector assembly (02) where the LPG fuel is being injected, a Venturi mixer unit (04) for proportionate mixing of LPG and primary air, an Air intake assembly (03) for suction of sufficient volume of primary air from atmosphere, and an Arc profiled corrugated wire ribbon (07) which produces linear flames with uniform heat distribution.

No. of Pages : 12 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 15/05/2015

(54) Title of the invention : REPRODUCTION SIGNAL EVALUATION METHOD, REPRODUCTION SIGNAL EVALUTION UNIT, AND OPTICAL DISK DEVICE ADOPTING THE SAME

(51) International classification(31) Priority Document No(22) District Data	:G01R23/00 :61/149,584	(71)Name of Applicant : 1)PANASONIC CORPORATION Allows of Applicant 1000 OAZA KADOMA KADOMA
(32) Priority Date(33) Name of priority country(86) International Application No	:03/02/2009 :U.S.A. :PCT/JP2010/000589	Address of Applicant :1006, OAZA KADOMA, KADOMA- SHI, OSAKA 571-8501 JAPAN 2)SONY CORPORATION
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:01/02/2010 :WO/2010/089987 :NA	 (72)Name of Inventor : 1)MIYASHITA, HARUMITSU 2)HINO, YASUMORI 3)SHIRAISHI, JUNYA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)KOBAYASHI, SHOEI

(57) Abstract :

A reproduction signal evaluation unit has: a pattern detection section (101) for extracting, from a binary signal, a specific state transition pattern which has a possibility of causing a bit error; a differential metric computing section (102) for computing a differential metric based on the binary signal of the extracted state transition pattern; an error computing section (116) for computing an error rate predicted based on an integration value that is integrated by an integration section (125), a count value that is counted by a pattern count section (124), an integration value that is integrated by another integration section (105), and a count value that is counted by another pattern count section (104), and a standard deviation computing section (120) for computing a standard deviation based on the computed error rate.

No. of Pages : 94 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : MOUNT FOR A WELDING GUM FOR CONNECTING SAID WELDING GUN TO AN ARM OF A WELDING ROBOT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B23K37/0241,B23K9/287 :13 183 999.5 :11/09/2013 :EPO :NA :NA : NA :NA	 (71)Name of Applicant : 1)DINSE G.M.B.H. Address of Applicant :TARPEN 36 22419 HAMBURG GERMANY (72)Name of Inventor : 1)LÜTGENAU ALBERT
Filing Date	:NA	
(62) Divisional to Application Number	· :NA	
Filing Date	:NA	

(57) Abstract :

A mount for a welding gun for connecting said welding gun to an arm of a welding robot, having a first connector for forming a connection with the robot arm, and having a second connector for forming a connection with the welding gun, and having at least one articulated joint provided between two rigid elements of the mount, said articulated joint being such that it can be pivoted around an axis of rotation and can be locked in a swivel position, is characterized according to the invention in that the articulated joint is formed having a sleeve (110) that can be fixed to a first of the two rigid elements, said sleeve having an outer diameter and an inner diameter, and having a first bore with an inner diameter on the second of the rigid elements, wherein the sleeve (110) is inserted into the first bore and the inner diameter of the first bore and the outer diameter of the sleeve (110) are selected in such a way that the second rigid element can be turned with the first bore relative to the sleeve (110), wherein a first expansion element (130), that can be displaced in the longitudinal direction of the sleeve (110), is provided in the interior (120) of the sleeve (110), which expansion element has a central opening (180), through which a tensioning bolt (140) is passed, said bolt having a threaded section with an external thread (141) and a bolt head (142), which abuts the first expansion element (130) at a front end of the central opening (180), and wherein a support element (131) is provided having an internal thread (182) that corresponds to the external thread (141) for the screwed mounting of the threaded section of the tensioning bolt (140), wherein screwing the tensioning bolt (140) into the support element (131) causes an expansion of the sleeve (110), and thus causes the sleeve (110) to be seized around the circumference thereof in the first bore, and wherein a means of release that works in conjunction with a stop is provided in order to neutralize an expansion of the sleeve (110) and the seizing of the sleeve (110) around the circumference thereof in the first bore.



No. of Pages : 36 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :04/03/2011

(43) Publication Date : 15/05/2015

(51) International classification	:G01B11/14	(71)Name of Applicant :
(31) Priority Document No	:102010010610.0	1)PULSION MEDICAL SYSTEMS AG
(32) Priority Date	:08/03/2010	Address of Applicant : JOSEPH-WILD-STRAßE 20 81829
(33) Name of priority country	:Germany	MUNICH GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEINER, DR. CHRISTIAN
(87) International Publication No	: NA	2)GUTZLER, DOMINIK
(61) Patent of Addition to Application Number	:NA	3)VEECK, MARCUS
Filing Date	:NA	4)SCHEIER, DR. JÖRG
(62) Divisional to Application Number	:NA	5)MANEGOLD, CHRISTOPH
Filing Date	:NA	

(54) Title of the invention : PORTABLE SENSOR DEVICE AND PATIENT MONITOR

(57) Abstract :

The portable sensor device (1a) is connected with the arterial pressure measurement catheter (3a) by way of a pressure hose (2a). The electronic pressure sensor (13a) is accommodated in the sensor housing (12a). The analog sensor signal is output to the patient monitor (15) by way of a cable (10a) connected with the patient monitor interface (14a). Aside from the channel (16) for the analog sensor signal, additional channels are provided for communication between sensor device (1a) and patient monitor (15). A bidirectional channel (17) serves for writing to and querying the memory module (18a), in which patient data, such as age, gender, height/weight, etc., can be stored. By way of the identification channel (19), an identification signal can be read out by the identification component (20a). In this connection, this is advantageously a sensor type identification, which allows the patient monitor (15) to recognize which sensor device (1a) is involved. The three-way cock possesses the settings M (measurement operation) and 0 (calibration measurement), in which the contactor (26) is brought into connection with the contact (27). The switching contact detected by the detector (29) is transmitted, by way of a corresponding signal, to the patient monitor (15), which thereby automatically recognizes zeroing of the sensor.

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

(19) INDIA

(22) Date of filing of Application :13/11/2013

(54) Title of the invention : CONFIGURATIONAL CHIRALITY BASED SEPARATION

	:B82Y	(71)Name of Applicant :
(51) International classification	30/00	1)University Of Calcutta
(31) Priority Document No	:NA	Address of Applicant :Senate House, 87 /1 College Street,
(32) Priority Date	:NA	Kolkata, West Bengal 700 073, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DASGUPTA, Anjan Kr.
Filing Date	:NA	2)BHATTACHARYYA, Tamoghna
(87) International Publication No	: NA	3)ROY, Sarita
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods of determining the relative concentrations of enantiomeric forms of a compound in a racemic mixture can include combining the racemic mixture with carbon nanotubes or graphene to form a carbon-enantiomer mixture, exposing the mixture to a monochromatic polarized light, and analyzing reflected polarized light from the mixture using a differential analyzer.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :14/11/2013

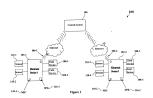
(43) Publication Date : 15/05/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSMISSION OF CRITICAL DATA AND/OR ERROR MESSAGES FROM ELECTRONIC DEVICES IN AN AUTOMATIION ENVIRONMENT

(51) International classification	:G05B 23/00	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(32) Priority Date	:NA	RUEIL MALMAISON, FRANCE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PRAFULLA MIRAJKAR
Filing Date	:NA	2)JOMY PAUL
(87) International Publication No	: NA	3)SNEHA KUMARI
(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 system (100) for transmitting critical data and/or error message in the form of alarm signals from one of the electronic devices (102-1 or 102-2) to the corresponding control system (104), in an automation environment, in an event of failure in the communication channel (106-1 or 106-2), between the electronic devices (102-1, 102-2) and the control system (104). The present invention also provides a method of transmitting critical data and/or error signals in the form of alarm signals from an electronic device (102-1) to its corresponding control system (104), in an automation environment, in an event of failure in the communication channel (106) between said electronic device (102-1) and said control system (104).



No. of Pages : 52 No. of Claims : 28

(22) Date of filing of Application :24/02/1998

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD OF CARRYING OUT CONTINOUS PREPARATIO PROCESS ON TIGHTLY MESHING EXTRUDERS ROTATING IN THE SAME SENSE

(57) Abstract :

In a method of carrying out continuous preparation processes on tightly meshing extruders rotating in the same sense such as twinscrew and multi-shaft screw-type extruders, the extruder is operated at a screw speed of rotation of at least 800 rpm, accompanied with a simultaneous increase of the so-called torque density (Md/a3) of at least 11 Nm/cm3 and a volumetric ratio (Da/Di) of at least 1.5.

No. of Pages : 14 No. of Claims : 5

(22) Date of filing of Application :07/11/2013

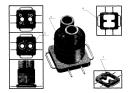
(43) Publication Date : 15/05/2015

(54) Title of the invention : A RESTING TOOL FOR ALIGNING DUAL TUBING HANGER BODIES WITH DUAL BORES FOR HANDLING TUBINGS IN OFFSHORE DRILLING OPERATION

(51) International classification	:E21B 33/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJAMANICKAM ELAYARAJA
Filing Date	:NA	2)KRISHNAMOORTHY SAKETHARAMAN
(62) Divisional to Application Number	:NA	3)MADAN RAUT HIRENDRA RAUT
Filing Date	:NA	4)RAMACHANDRAN NATARAJAN

(57) Abstract :

The invention relates to a Resting Tool for aligning dual tubing hanger bodies with dual bores for handling tubings in offshore drilling operation, comprising a body constructed with two grooves shaped corresponding to that of the hanger body halves, the tool halves upon accommodating the hanger body halves can be locked by a pin-socket means; and one each metallic handle provided on the two external side of the tool body.



No. of Pages : 7 No. of Claims : 1

(19) INDIA

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

(43) Publication Date : 15/05/2015

(54) Title of the invention : METHOD AND APPARATUS FOR FILTERING AND SEPARATING FLOW MEDIA BY MEANS OF MEMBRANES

(51) International classification :B01D 63/00	(71)Name of Applicant : 1)R.T.S. ROCHEM TECHNICAL SERVICES GMBH
(31) Priority Document No :NA	Address of Applicant :KNICKBERG 1A, 21077 HAMBURG,
(32) Priority Date :NA	GERMANY,
(33) Name of priority country :NA	(72)Name of Inventor :
(86) International Application No :NA	1)HEINE, WILHELM
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 an apparatus (10) for filtering and separating flow media(11) by means of membranes (13), including a substantially pressuretight housing (14) in which a plurality of membranes (13) is disposed, at least one inlet (15) for the flow medium (11) carried into the apparatus (10) and to be separated, and at least one outlet (16) for the permeate (18) discharged from the apparatus (10) and an outlet (17) for the discharged retentate (19), the membranes (13) being embodied on the order of membrane cushions, which have an opening region (131) for the emergence of the permeate (18) collecting in the membrane interior (137). Various partial sets of the set of membranes (13), which form a membrane stack (12), are embodied for different separation areas with a view to the flow medium (11) to be separated, so that a respective partial set of the set of membranes (13) the different separation areas are each operated with a predetermined, different pressure of the medium (11) to be separated or with a different vacuum on the permeate side of the membranes (13).

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

(19) INDIA

(22) Date of filing of Application :26/03/2010

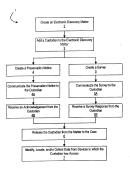
(43) Publication Date : 15/05/2015

(54) Title of the invention : METHODS AND APPARATUS FOR COMMUNICATING PRESERVATION NOTICES AND SURVEYS

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:61/164,276	1)BANK OF AMERICA CORPORATION
(32) Priority Date	:27/03/2009	Address of Applicant :MAILCODE NC1-002-29-01, 101 S.
(33) Name of priority country	:U.S.A.	TRYON STREET, CHARLOTTE, NORTH CAROLINA 28255
(86) International Application No	:NA	UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TOOMEY, BRIAN L.
(61) Patent of Addition to Application Number	:NA	2)WHALEN, JOHN N., JR.
Filing Date	:NA	3)HOBART, ERIC B.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In general, embodiments of the present invention relate to methods and apparatuses for managing electronic discovery, and more particularly, for communicating a preservation notice and/or a survey to and/or from a custodian in an enterprise. For example, in some embodiments, a method for electronic discovery management is provided, where the method includes: (1) creating an electronic discovery matter; (2) adding a custodian to the electronic discovery matter; (3) creating a preservation notice and/or a survey; and (4) communicating, via a network, information associated with the preservation notice and/or the survey to the custodian at a data storage device accessible to the custodian.



No. of Pages : 85 No. of Claims : 44

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 15/05/2015

(54) Title of the invention : AIR CONDITIONER

:G01N	(71)Name of Applicant :
29/00	1)LG ELECTRONICS INC.
:10-2013-	Address of Applicant :128, YEOUI-DAERO,
0136499	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
:11/11/2013	KOREA
:Republic	2)SEOUL NATIONAL UNIVERSITY R&DB
of Korea	FOUNDATION
:NA	(72)Name of Inventor :
:NA	1)DURI JANG
: NA	2)HYUNGWOOK KWON
:NA	3)GISEOP LEE
:NA	4)BONGGYUN PARK
:NA	5)JEWON JUNG
:NA	
	29/00 :10-2013- 0136499 :11/11/2013 :Republic of Korea :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

An air conditioner according to the present invention includes: an air-conditioning assembly that takes air inside and discharges the air after conditioning the air; and an ultrasonic generator that is disposed in the air-conditioning assembly and generates ultrasonic waves, and can maintain the mosquito evasion rate at an appropriate level and has high reliability in repelling of mosquitoes, by generating ultrasonic waves of which the frequency is 10kHz to 100kHz and the sound pressure level measured at 5cm directly from the ultrasonic generator is 80dB or more.

No. of Pages : 16 No. of Claims : 6

(22) Date of filing of Application :13/11/2013

(43) Publication Date : 15/05/2015

(54) Title of the invention : INTEGRATED TEMPERATURE REGULATOR AND METHODS OF SELECTIVELY GENERATING HEAT AND REGULATING TEMPERATURE

(51) International classification(31) Priority Document No(32) Priority Date	:H04M3/42, G06F1/08 :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MÜNCHEN, GERMANY
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VARUN AV
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 :

Integrated temperature regulator and methods of selectively generating heat and regulating temperature In the present technique, an integrated temperature regulator for regulating a temperature of an object is presented. The integrated temperature regulator includes a heating module and an object port. The heating module includes a semiconductor material substrate. The semiconductor material substrate includes at least one logic block at a given location. The logic block is operable to selectively generate a specific amount of heat for heating the object. The specific amount of heat generated is in response to at least one predetermined computational instruction provided as an input to the logic block. The object port is for receiving the object wherein the object port is in thermal contact with the logic block. The present technique also presents a method for selectively generating a specific amount of heat for heating an object and a temperature regulating method for regulating a temperature of an object.

No. of Pages : 71 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :23/03/2010

(43) Publication Date : 15/05/2015

(51) International classification	:B01F15/06	(71)Name of Applicant :
(31) Priority Document No	:BO2009A000203	1)SACMI COOPERATIVA MECCANICI IMOLA
(32) Priority Date	:31/03/2009	SOCIETA'COOPERATIVA
(33) Name of priority country	:Italy	Address of Applicant :VIA SELICE PROVINCIALE, 17/A, I-
(86) International Application No	:NA	40026 IMOLA (BOLOGNA) ITALY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAZZANTI, VASCO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MOULD FOR THE MANUFACTURE OF CERAMIC PRODUCTS

(57) Abstract :

A mould for making ceramic products (1) comprises at least two parts (2, 3) which can be coupled to each other to form, in a closed configuration, a cavity (4) for casting the ceramic product (1) by filling a liquid mixture (5) into it under pressure; internal constraining means (6) are positioned and operative between at least two inside surfaces (2a, 3a) of the mould (S) parts (2, 3), which form portions of the walls of the cavity (4) in order to keep the two parts (2, 3) securely in place after being positioned face to face relative to each other in the closed configuration; the internal constraining means (6) are made directly on the respective inside surfaces (2a, 3a) of the mould (S) parts (2, 3); the means (6) are designed to be interconnected, that is, to interpenetrate in such a way as to create a stable relative position between the mould (S) parts (2, 3).

No. of Pages : 30 No. of Claims : 13

AMENDMENT UNDER SEC. 57(KOLKATA)

(01)

An application for change in address for service from S. R. GUPTA C/O D. P. AHUJA & CO., 53 SYED AMIR ALI AVENUE, CALCUTTA 700 019, WEST BENGAL, INDIA to K & S Partners, Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore – 560 038, Karnataka, India in respect of Patent No. 256448 (1074/kolnp/2006) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(02)

An application for change in the name of the Patentee from TDY INDUSTRIES, INC. to TDY INDUSTRIES, LLC in respect of Patent No. 256448 (1074/kolnp/2006) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (DELHI)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT	APPLICANTS	TITLE	DATE OF	APPROPRIATE
NO.			CESSATION	OFFICE
218161	THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT (India)	AN ANTIDOTE S-(w- AMINOALKYLAMINO) ALKYL ARYL SULPHIDE DIHYDROCHLORIDES	19/06/2010	DELHI
222852	INTEL CORPORATION (Argentina)	A SYSTEM TO EXECUTE A POLICY BASED RESPONSE TO SYSTEM ERRORS	04/02/2011	DELHI
214744	: 1 :- PRASAD VAIDYA BANKE,(India) 2 :- GUPTA KRISHNA CHANDRA,(India) 3 :- MALL TRIVENI(India)	HERBAL COMPOSITION FOR THE TREATMENT OF ANIMAL BITES ESPECIALLY SNAKE BITE AND EARLY STAGES OF HYDROPHOBIA, AND A PROCESS OF PREPARING THE SAME	05/05/2013	DELHI

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

SI. No.	Application No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	884/KOL/2009	255321	NATIONAL INSTITUTE OF TECHNOLOGY (India)	PROCESS FOR EXTRACTION OF FINE IRON FROM RED MUD	14.11.2014	Kolkata
2.	883/KOL/2009	255341	NATIONAL INSTITUTE OF TECHNOLOGY (India)	CHEMICAL DENITRIFICATION OF WATER BY HYDROXYLAMINE HYDROCHLORIDE	14.11.2014	Kolkata

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	266481	4705/DELNP/2006	14/01/2005	16/01/2004	SYSTEM FOR FORMING A SECURITIES BUNDLE INDEXED TO ENTERTAINMENT REVENUE	BGC PARTNERS, INC.	24/08/2007	DELHI
2	266483	1560/DEL/2007	25/07/2007 13:00:16	18/09/2006	SECONDARY BATTERY HAVING ELECTRODE TERMINAL WHOSE POSITION IS ADJUSTABLE AND IMPROVED SAFETY	LG CHEM, LTD.	04/04/2008	DELHI
3	266499	3640/DELNP/2007	23/11/2005	24/11/2004	A TENSIONER FOR A CONVEYOR BELT CLEANER	MARTIN ENGINEERING COMPANY	24/08/2007	DELHI
4	266505	6148/DELNP/2006	09/05/2005	11/05/2004	A MACHINE FOR MANUFACTURING A NONWOVEN	RIETER PERFOJET	13/11/2009	DELHI
5	266517	7035/DELNP/2007	27/02/2006	09/03/2005	A process for preparing a reverse osmosis membrane	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,	05/10/2007	DELHI
6	266537	3531/DELNP/2006	12/11/2004	21/11/2003	CATALYST COMPOSITIONS FOR PRODUCING POLYOLEFINS IN THE ABSENCE OF COCATALYSTSS	CHEVRON PHILLIPS CHEMICAL COMPANY, LP	17/08/2007	DELHI
7	266538	6407/DELNP/2006	19/04/2005	30/04/2004	IMPROVED LID FOR CONTAINERS FOR COOKING FOODS	OPINION LEADERS S.R.L	31/08/2007	DELHI
8	266542	6638/DELNP/2006	31/05/2005	02/06/2004	AN ORGANIC LIGHT- EMITTING DIODE COMPRISING A DOPED ORGANIC LAYER	THOMSON LICENSING	22/06/2007	DELHI

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)	Appropriat e Office
1	266472	2471/MUMNP/2010	27/05/2009	27/05/2008	ORALLY ADMINISTERABLE VACCINE FOR YERSINIA PESTIS	UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC.	02/12/2011	MUMBAI
2	266473	35/MUMNP/2009	05/06/2007	07/06/2006	METHOD AND APPARATUS FOR DETERMINING THE VOLUME OR MASS FLOW	ENDRESS+HAUSER FLOWTEC AG	22/05/2009	MUMBAI
3	266478	400/MUMNP/2009	13/08/2007	11/08/2006	CONSENSUS CODING SEQUENCE OF HUMAN COLORECTAL CANCER	JOHNS HOPKINS UNIVERSITY	22/05/2009	MUMBAI
4	266479	218/MUM/2007	06/02/2007	29/03/2006	A METHOD FOR CONTROLLING A TEXTILE MACHINE AND FIXTURE THEREOF	RIETER INGOLSTADT GMBH	03/10/2008	MUMBAI
5	266485	889/MUM/2010	29/03/2010 10:16:20		BIODEGRADABLE, NON- CARCINOGENIC, VEGETABLE OIL POUR POINT DEPRESSANTS AND PROCESSES FOR THE PREPARATION THEREOF	CROMPTON GREAVES LIMITED	18/03/2011	MUMBAI
6	266486	198/MUMNP/2009	23/07/2007	28/07/2006	GRANULATED SORBITOL AND PROCESS FOR ITS PREPARATION	ROQUETTE FRERES	03/07/2009	MUMBAI
7	266488	396/MUM/2006	22/03/2006		COLLECTOR FOR A SOLAR WATER HEATING SYSTEM	KAMBALE, PRABHAKAR VISHNU	14/12/2007	MUMBAI
8	266491	197/MUMNP/2009	27/07/2007	28/07/2006	COMPOSITIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS	SANTEN SAS	03/07/2009	MUMBAI
9	266492	1550/MUMNP/2006	25/05/2005	04/06/2004	COMMUNICATIONS SYSTEM AND METHOD FOR LOAD MANAGEMENT	ERICSSON AB	08/06/2007	MUMBAI
10	266493	2048/MUM/2008	24/09/2008 16:37:13	26/09/2007	FEMTOCELL BASE STATION WITH MOBILE STATION CAPABILITY	VIA TELECOM CO., LTD.	07/11/2008	MUMBAI

11	266498	1198/MUMNP/2008	29/11/2006	22/12/2005	VIBRATORY MEASURING TRANSDUCER	ENDRESS+HAUSER FLOWTEC AG	18/07/2008	MUMBAI
12	266508	223/MUMNP/2009	06/08/2007	22/08/2006	TIME-WARPING FRAMES OF WIDEBAND VOCODER []	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
13	266512	2201/MUM/2008	14/10/2008		BEVERAGE PREPARATION DEVICE WITH CARTRIDGE CONTAINING AND EDIBLE SUBSTANCE CONFIGURED TO AVOID CONTAMINATION	TALREJA DINESH PRAKASH,TALREJA MANISHA DINESH ,KUMBHAR MANESH BALU	07/11/2008	MUMBAI
14	266515	124/MUMNP/2008	28/07/2006	29/07/2005	NETWORK MANAGEMENT SYSTEM AND NETWORK MANAGEMENT INFORMATION COLLECTING METHOD	CYBER SOLUTIONS INC.	15/02/2008	MUMBAI
15	266518	2388/MUMNP/2010	27/04/2009	30/04/2008	METHOD FOR THE PRODUCTION OF WATER-REACTIVE AL FILM AND CONSTITUENT MEMBER FOR FILM-FORMING CHAMBER	ULVAC, INC.	04/03/2011	MUMBAI
16	266519	1836/MUM/2009	10/08/2009 14:56:00		A PROCESS OF PREPARING VANADIUM FROM CALCIUM VANADATE	ADITYA BIRLA SCIENCE & TECHNOLOGY CO.LTD.,HINDALCO INDUSTRIES LIMITED	03/02/2012	MUMBAI
17	266521	62/MUMNP/2010	11/07/2008	27/07/2007	FLUID DISTRIBUTION SYSTEM	OUTOTEC OYJ	16/12/2011	MUMBAI
18	266522	1152/MUM/2005	21/09/2005	27/09/2004	A METHOD OF MANUFACTURING A DISPLAY DEVICE AND A DISPLAY DEVICE	QUALCOMM MEMS TECHNOLOGIES, INC	22/06/2007	MUMBAI
19	266523	1884/MUM/2009	17/08/2009 15:09:01		A PROCESS OF PREPARING MODIFIED ACRYLIC FIBERS	ADITYA BIRLA SCIENCE & TECHNOLOGY CO.LTD.	08/07/2011	MUMBAI
20	266524	701/MUMNP/2010	14/10/2008	24/10/2007	PROCESS FOR PREPARING A PRIMARY AMINE WITH A TERTIARY ALPHA CARBON ATOM BY REACTING A TERTIARY ALCOHOL WITH AMMONIA	BASF SE	20/08/2010	MUMBAI
21	266528	1654/MUM/2008	04/08/2008	25/08/2007	SYSTEM FOR ACTIVATING A ROTOR DRIVE OF AN OPEN-END ROTOR SPINNING MACHINE	OERLIKON TEXTILE GMBH & CO. KG	12/06/2009	MUMBAI

22	266530	1763/MUMNP/2011	09/03/2010	10/03/2009	PROCESS FOR PRODUCING DIAMINE DERIVATIVE []	DAIICHI SANKYO COMPANY LIMITED	27/01/2012	MUMBAI
23	266533	721/MUMNP/2008	30/09/2006	05/10/2005	JOINT ARRANGEMENT	SHAFT-FORM- ENGINEERING GMBH	27/06/2008	MUMBAI
24	266534	1167/MUMNP/2008	20/12/2006	22/12/2005	COMMUNICATIONS METHOD AND APPARATUS USING PHYSICAL ATTACHMENT POINT IDENTIFIERS	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
25	266535	94/MUM/2008	14/01/2008 15:24:51		AN ECONOMICAL METHOD OF MANUFACTURING POTASSIUM FLUORIDE	ADITYA BIRLA SCIENCE & TECHNOLOGY LIMITED	02/10/2009	MUMBAI
26	266536	1630/MUM/2006	03/10/2006	05/10/2005	METHOD AND SYSTEM FOR ADAPTIVE MULTI- STAGE MULTI- THRESHOLD DETECTION OF PAGING INDICATORS IN WIRELESS COMMUNICATION SYSTEMS	VIA TECHNOLOGIES, INC.	08/12/2006	MUMBAI

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)	Appropriat e Office
1	266471	4434/CHENP/2009	12/12/2007	26/12/2006	STEAM TRAP MONITORING	ROSEMOUNT INC.	11/06/2010	CHENNAI
2	266474	1492/CHENP/2009	07/09/2007	21/09/2006	METHOD, APPARATUS AND SYSTEM FOR SEARCHING EMAILS	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	26/06/2009	CHENNAI
3	266475	2539/CHE/2007	05/11/2007		A METHOD FOR CREATING GRAPHICAL USER INTERFACE (GUI) FOR A CONTROL FLOW ON EXISTING GRAPHICAL USER INTERFACE (GUI)	SAMSUNG R& D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
4	266480	1363/CHENP/2008	12/09/2006	20/09/2005	PROTEIN A PRODUCTION AND PURIFICATION WITHOUT USING ANIMAL DERIVED COMPONENTS	AVANTOR PERFORMANCE MATERIALS, INC	28/11/2008	CHENNAI
5	266482	36/CHENP/2010	04/07/2008	06/07/2007	METHOD FOR THE PRODUCTION OF AN AQUEOUS GLUCOSE SOLUTION	BASF SE	25/06/2010	CHENNAI
6	266484	5121/CHENP/2007	27/04/2006	13/05/2005	NITRILE RUBBER ARTICLE HAVING NATURAL RUBBER CHARACTERISTICS	KIMBERLY-CLARK WORLDWIDE, INC.	27/06/2008	CHENNAI
7	266494	4088/CHENP/2007	08/03/2006	16/03/2005	A METHOD FOR ERROR HANDLING IN THE CASE OF TRANSMISSION OF A DATA ITEM VIA A COMMUNICATIONS SYSTEM AND A SYSTEM THEREOF	ROBERT BOSCH GmbH	23/11/2007	CHENNAI
8	266495	1580/CHE/2005	31/10/2005		A RANGE-RATE AND RANGE MEASUREMENT MODULE FOR ONBOARD APPLICATION IN AEROSPACE VEHICLES	INDIAN SPACE RESEARCH ORGANISATION	28/09/2007	CHENNAI
9	266497	2176/CHE/2009	09/09/2009 14:56:36	10/09/2008	BOILING APPARATUS WITHIN A FEEDING BOX	CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED	09/07/2010	CHENNAI

10	266501	4520/CHENP/2009	31/01/2008	01/02/2007	ENANTIOSELECTIVE SYNTHESIS OF 6-AMINO- 7-HYDROXY-4,5,6,7- TETRAHYDRO-IMIDAZO [4,5,1-JK] [1]- BENZAZEPIN-2[1H]-ONE AND ZILPATEROL	INTERVET INTERNATIONAL B.V.	11/09/2009	CHENNAI
11	266504	2693/CHENP/2008	27/11/2006	30/11/2005	LASHING OF A TENDER ASSIST DRILLING UNIT TO A FLOATING PRODUCTION FACILITY	TECHNIP FRANCE	06/03/2009	CHENNAI
12	266506	434/CHENP/2007	10/03/2006	14/03/2005	EGR VALVE ASSEMBLY OF AN INTERNAL COMBUSTION ENGINE	DELL'ORTO S.P.A.	07/09/2007	CHENNAI
13	266507	5944/CHENP/2007	22/06/2006	24/06/2005	PROCESS FOR PREPARING PURE AMORPHOUS ROSUVASTATIN CALCIUM HAVING A RESIDUAL SODIUM CATION CONTENT BELOW 0.1% BY WEIGHT	LEK PHARMACEUTICALS D.D	27/06/2008	CHENNAI
14	266509	5942/CHENP/2007	22/06/2006	24/06/2005	PROCESS FOR PREPARING AMORPHOUS ROSUVASTATIN CALCIUM FREE OF IMPURITIES	LEK PHARMACEUTICALS D.D	27/06/2008	CHENNAI
15	266511	4105/CHENP/2007	16/03/2006	18/03/2005	CONDUCTING SYSTEM FOR A FILLING PIPE	INERGY AUTOMOTIVE SYSTEMS RESEARCH (SOCIETE ANONYME)	16/11/2007	CHENNAI
16	266526	4834/CHENP/2007	29/03/2006	29/03/2005	ELECTROMAGNETIC SENSORS FOR TISSUE CHARACTERIZATION	DUNE MEDICAL DEVICES LTD.	25/01/2008	CHENNAI
17	266527	5737/CHENP/2007	03/05/2006	13/05/2005	CONNECTION DEVICE FOR LOW-VOLTAGE SWITCHES	ABB S.p.A.	13/06/2008	CHENNAI
18	266531	5039/CHENP/2008	08/05/2007	11/05/2006	REDUCE INTERFERENCE IN A TERMINAL DEVICE BASED ON INFORMATION TYPE	NOKIA CORPORATION	20/03/2009	CHENNAI
19	266539	1344/CHE/2004	09/12/2004	09/12/2003	A COMMUNICATION SYSTEM HAVING SERVERS TO PLAY VIDEOS AT A MOBILE PHONE WHILE ON HOLD AND A METHOD THEREOF	LUCENT TECHNOLOGIES INC.	04/03/2005	CHENNAI

Ser ial Nu mb er	Patent Numbe r	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	266470	1656/KOL/2008	25/09/2008	01/11/2007	AN EIGHT SPEED TRANSMISSION WITH SIX TORQUE- TRANSMITTING MECHANISM AND THREE PLANETARY GEAR SETS TO MINIMIZE THE OVERALL SIZE OF THE TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
2	266476	2466/KOLNP/2009	13/12/2007	13/12/2006	ABRASIVE COMPACTS WITH IMPROVED MACHINABILITY	DIAMOND INNOVATIONS, INC.	14/08/2009	KOLKATA
3	266477	4944/KOLNP/2008	06/06/2007	06/06/2006	A SILICONE ACRYLATE HYBRID COMPOSITION	DOW CORNING CORPORATION	20/03/2009	KOLKATA
4	266487	4053/KOLNP/2007	14/04/2006	15/04/2005	A PHARMACEUTICAL COMPOSITION OF TESTOSTERONE	CLARUS THERAPEUTICS, INC.	20/06/2008	KOLKATA
5	266489	3439/KOLNP/2007	20/03/2006	18/03/2005	PRODUCTION OF CAROTENOIDS IN OLEAGINOUS YEAST AND FUNGI	DSM IP ASSETS B.V.	31/10/2008	KOLKATA
6	266490	1688/KOLNP/2004	21/05/2003	21/05/2002	VARIABLE STIFFNESS SUPPORT	BELL HELICOPTER TEXTRON INC.	04/08/2006	KOLKATA
7	266496	804/KOLNP/2009	27/08/2007	25/08/2006	METHOD FOR PREPARING POLYESTER NANOCOMPOSITES	RENSSELAER POLYTECHNIC INSTITUTE, ALBANY INTERNATIONAL CORP.	22/05/2009	KOLKATA
8	266500	3478/KOLNP/2007	31/03/2006	05/04/2005	A METHOD FOR PRODUCING ISOTOPICALLY LABELLED SECONDARY METABOLIC PRODUCTS OF FUNGI OR BACTERIA	ERBER AKTIENGESELLSCHAF T	25/07/2008	KOLKATA
9	266502	698/KOL/2008	09/04/2008	30/05/2007	SHIFT FORK ACTUATION SYSTEM FOR CONTROL OF SYNCHRONIZER POSITION	GM GLOBAL TECHNOLOGY OPERATIONS INC.	05/06/2009	KOLKATA
10	266503	4074/KOLNP/2007	24/03/2006	25/03/2005	PHENYL-CONTAINING N- ACYL AMINE AND AMINOACID DERIVATIVES, METHODS FOR THE PRODUCTION THEREOF, A PHARMACEUTICAL COMPOSITION	OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIYU PHARMENTERPRISES	02/01/2009	KOLKATA

11	266510	1400/KOL/2008	19/08/2008	30/08/2007	REVERSE ENGINE ROTATION DETECTION SYSTEM AND ITS RELATED METHOD	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
12	266513	390/KOLNP/2007	01/08/2005	10/08/2004	A COMPOSITE WALL PANEL	OWENS CORNING INTELLECTUAL CAPITAL LLC,	06/07/2007	KOLKATA
13	266514	4529/KOLNP/2008	02/04/2007	27/04/2006	REACTION VESSEL FOR THE PRODUCTION OF HYDROGEN SULPHIDE	EVONIK DEGUSSA GMBH	13/03/2009	KOLKATA
14	266516	1365/KOL/2006	15/12/2006	27/02/2006	A STATOR ASSEMBLY WITH A COOLING SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS INC.	07/09/2007	KOLKATA
15	266520	261/KOL/2008	14/02/2008	27/02/2007	CONTROL SYSTEM FOR SHIFT AND THROTTLE MANAGEMENT DURING CRUISE CONTROL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
16	266525	4965/KOLNP/2008	08/06/2007	08/06/2006	HIGH-STRENGTH SPUTTERING TARGET FOR FORMING PROTECTIVE FILM FOR OPTICAL RECORDING MEDIUM	MITSUBISHI MATERIALS CORPORATION	20/03/2009	KOLKATA
17	266529	661/KOLNP/2007	16/08/2004	16/08/2004	A FLASHBACK BLOOD COLLECTION NEEDLE ASSEMBLY AND A METHOD FOR FLASHBACK VISUALIZATION	BECTON, DICKINSON AND COMPANY	06/07/2007	KOLKATA
18	266532	162/KOL/2006	23/02/2006		A PROCESS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION FOR ORAL DELIVERY OF INSULIN	JADAVPUR UNIVERSITY	19/06/2009	KOLKATA
19	266540	4679/KOLNP/2008	25/05/2007	25/05/2006	A Method For Preparing A Compound Of Formula D	WYETH	13/03/2009	KOLKATA
20	266541	5010/KOLNP/2007	12/06/2006	06/07/2005	PROCESS AND MAGNETIC REAGENT FOR THE REMOVAL OF IMPURITIES FROM MINERALS	CYTEC TECHNOLOGY CORP.	27/06/2008	KOLKATA

CONTINUED TO PART-2

CONTINUED FROM PART-1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

DESIGN CORRIGENDUM

The Registered Design No. 264072 which has been erroneously published in the official Journal of India dated 24/04/2015, part –II, at page 32525, column 2 in the name of ELINCHROM SA (ELINCHROM LTD), A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF SWITZERLAND, OF AVENUE DE LONGEMALLE 11-CH-1020 RENENS (SWITZERLAND) Class 16-05, Date of Registration 16/07/2014, Titled as FLASHLAMPS FOR PHOTOGRAPHY, Priority Number 795411801 Date 21/02/2014, Country WIPO should read as ELINCHROM SA (ELINCHROM LTD), A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF SWITZERLAND, OF AVENUE DE LONGEMALLE 11-CH-1020 RENENS (SWITZERLAND) Class 16-05, Date of Registration 16/07/2014, Titled as FLASHLAMP FOR PHOTOGRAPHY, Priority Number 795411801 Date 21/02/2014, Titled as FLASHLAMP FOR PHOTOGRAPHY, Priority Number 795411801 Date 21/02/2014, Titled as FLASHLAMP FOR PHOTOGRAPHY, Priority Number 795411801 Date 21/02/2014, Country WIPO

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of NATIONAL INSTITUTE OF DESIGN registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
216009 216010 216011 216012	12-02 12-07(216012)	MR. VIKRAM PANCHAL, ADULT, INDIAN NATIONAL, PRESENTLY RESIDING AT 20, KHUSHMAN SOCIETY, SUBHASH CHOWK, MEMNAGAR, AHMEDABAD-380 052

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	193218	01.05.2015
2.	212630	05.05.2015
3.	251863	29.04.2015
4.	194211	01.05.2015
5.	227091	01.05.2015
6.	227090	05.05.2015
7.	236256	05.05.2015
8.	206238	05.05.2015
9.	206237	05.05.2015
10.	206234	05.05.2015
11.	199878	17.04.2015
12.	199877	17.04.2015

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	267967			
CLASS				
1)SUMITOMO RUBBER INDUSTI THE ADDRESS: 6-9, WAKINOHAMA-CHO 3-CHO JAPAN	A CONTRACTOR			
DATE OF REGISTRATION	0)5/12/20	014	
TITLE	TIRE FO	R MOT	ORCYCLE	
PRIORITY PRIORITY NUMBER 2014-016366	DATE COUNTRY 28/07/2014 JAPAN			
DESIGN NUMBER		263266	5	
CLASS		12-16		
1)R. N. GUPTA & COMPANY LIM INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY.	MPANIES ACT, 195	6), HAV		
DATE OF REGISTRATION	1	1/06/20	14	- Contraction
TITLE	BONNET	ENGIN	NE COVER	
PRIORITY NA				
DESIGN NUMBER		265455	5	
CLASS	24-02			
1)OMRON HEALTHCARE CO., L' EXISTING UNDER THE LAWS OF 53, KUNOTSUBO, TERADO-CHO				
DATE OF REGISTRATION	05/09/2014			
TITLE	ATOMIZER FOR INHALER			
PRIORITY				
PRIORITY NUMBER	DATE	C	COUNTRY	
2014-005199	12/03/2014 JAPAN			

DESIGN NUMBER		263390	
CLASS			
1)GENERAL ELECTRIC COM 1 RIVER ROAD, SCHENECTA AMERICA	ALL ST		
DATE OF REGISTRATION	16	5/06/2014	
TITLE	CONNECTOR F	OR TESTING DEVICES	KIN
PRIORITY PRIORITY NUMBER 29/477530	DATE COUNTRY 23/12/2013 U.S.A.		
	200	7670	
DESIGN NUMBER		7670	-
CLASS		7-01	
1)(1) RAJNIBHAI HARESHBHA BUD, BOTH INDIAN NATIONAI M/S. MAX PLASTIC (A PARTNE PLOT NO. 4, SURVEY NO. 161 REGAL PUMP STREET, VERAVA	CE OF BUSINESS AT JLAB FOOD, OPP.		
DATE OF REGISTRATION	24/1	1/2014	
TITLE	FRUIT	BOWL	
PRIORITY NA			
DESIGN NUMBER	26443	35	
CLASS	23-03		
1) BAJAJ ELECTRICALS LIMI INDIA, HAVING ITS REGISTER 45/47, VEER NARIMAN ROAD MAHARASHTRA, INDIA, OF ABO	ED OFFICE AT, 9, MUMBAI 400 023, STA		
DATE OF REGISTRATION	04/08/2	.014	
TITLE	WATER H	EATER	
PRIORITY NA			

DESIGN NUMBER	267746	
CLASS	12-08	
INCORPORATED UNDER THE REGISTERED OFFICE AT	E LIMITED, AN INDIAN COMPANY, COMPANIES ACT, 1956 HAVING ITS /ALK, A-3 DISTRICT CENTRE, SAKET,	
DATE OF REGISTRATION	27/11/2014	A THE REAL
TITLE	VEHICLE	
PRIORITY NA		
DESIGN NUMBER	226825	
CLASS	09-01	\bigcirc
1) STOKELY VAN CAMP, INC INDIANA, 555 WEST MONRO STATES OF AMERICA	DE STREET, CHICAGO, ILLINOIS 60661, UNITED	
DATE OF REGISTRATION	19/01/2010	
TITLE	ITLE BOTTLE	
PRIORITY NA		
DESIGN NUMBER	267202	
CLASS	08-06	
THE COMPANIES ACT, 1956) I AT ADDRESS:	LTD. (A COMPANY INCORPORATED UNDER HAVING ITS PRINCIPAL PLACE OF BUSINESS OK GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-	
DATE OF REGISTRATION	05/11/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	263382	
CLASS	28-03	3
1) PIRAMAL ENTERPRISES LIMI PIRAMAL TOWER, GANPATRAC 400013, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	16/06/2014	59
TITLE	PERFUME BOTTLE	(MA)
PRIORITY NA		
DESIGN NUMBER	264118	
CLASS	26-99	
	IETOR OF M/S MARIYA CONTROLS, A P.O, THRISSUR (DIST) PIN-680 721, KERALA,	
DATE OF REGISTRATION	18/07/2014	
TITLE	ELECTRICAL JUNCTION BOX	
PRIORITY NA		
DESIGN NUMBER	264266	
CLASS	08-06	
1)TEJASBHAI MAVJIBHAI BHAN SOLE PROPRIETOR OF BAJRANG CONCERN) HAVING PLACE OF BU 4, PATEL NAGAR, NR. BHOJABH 360002-GUJARAT-(INDIA)		
DATE OF REGISTRATION	28/07/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	267284	
CLASS	08-06	
THE COMPANIES ACT, 1956) HAV AT ADDRESS:	A COMPANY INCORPORATED UNDER ING ITS PRINCIPAL PLACE OF BUSINESS GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-	
DATE OF REGISTRATION	10/11/2014	
TITLE	HANDLE	
PRIORITY NA		U C
DESIGN NUMBER	267579	
CLASS	11-01	and the second second second
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMBAI 400049,	-
DATE OF REGISTRATION	21/11/2014	and the second s
TITLE	EARRING	
PRIORITY NA		PERSPECTIVE VIEW
DESIGN NUMBER	264433	
CLASS	07-05	
HAVING ITS REGISTERED OFFIC	E D, A COMPANY REGISTERED IN INDIA, E E AT, IUMBAI 400 023, STATE OF MAHARASHTRA,	
DATE OF REGISTRATION	04/08/2014	
TITLE	IRON	
PRIORITY NA	•	

DESIGN NUMBER			267743		
CLASS		24-02			
1) KARIMBANAMALAY KARIMBANAMALAY KERALA					
DATE OF REGISTRATIC	DN		27/11/2014		
TITLE		VAG	INAL SPECU	ILUM	
PRIORITY NA		-1			
DESIGN NUMBER		267949			
CLASS		28-03			
1)PRESTO INDUSTRIE 217/218, VASAN UDYO PHOENIX MILL, LOWER MAHARASHTRA, INDIA	OG BHA	VAN, OFF S.B. MA			
DATE OF REGISTRATION		05/12/2014			
TITLE		COMB			
PRIORITY NA					
DESIGN NUMBER		2	67966		
CLASS			12-15		
CORPORATION OF THE 6-9, WAKINOHAMA-C 651-0072, JAPAN DATE OF REGISTRATIC	HO 3-C	HOME, CHUO-KU,	KOBE-SHI, /12/2014	HYOGO	
TITLE		TIRE FOR	MOTORCYC	CLE	
PRIORITY					
PRIORITY NUMBER		DATE	COUNT	RY	N'
2014-016365		28/07/2014	JAPAN		

DESIGN NUMBER		264969	
CLASS		23-03	
1) INTEX HOLDINGS PTY LTD., A 3/49 MAIN NORTH RD, MEDIND	· · ·		
DATE OF REGISTRATION		22/08/2014	
TITLE	SOLAR EN	NERGY COLLECTOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
10816/2014	24/02/2014	AUSTRALIA	\rightarrow
DESIGN NUMBER		267580	
CLASS		11-01	1
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUN	/IBAI 400 049,	()
DATE OF REGISTRATION		21/11/2014	
TITLE	EARRING		
PRIORITY NA DESIGN NUMBER		267660	
		267669	-
CLASS		07-01	
1)(1) RAJNIBHAI HARESHBHAI I BUD, BOTH INDIAN NATIONAL, H MAX PLASTIC (A PARTNERSHIP I PLOT NO. 4, SURVEY NO. 161, S. PUMP STREET, VERAVAL (SHAPAF	AVING THEIR PL FIRM), I.D.C. ROAD, B/H. (ACE OF BUSINESS AT M/S. GULAB FOOD, OPP. REGAL	
DATE OF REGISTRATION	24/11/2014		
TITLE	F	RUIT BOWL	
PRIORITY NA			

DESIGN NUMBE	R		264434	
CLASS		23-03		
HAVING ITS REC	G ISTERED O I ARIMAN ROA	FFICE AT,	PANY REGISTERED IN IN 00 023, STATE OF MAHARA	
DATE OF REGIST	TRATION		04/08/2014	
TITLE			WATER HEATER	
PRIORITY NA				
DESIGN NUMBE	R		267745	
CLASS			12-08	
REGISTERED OF 3RD FLOOR, S NEW DELHI-1100 DATE OF REGIST TITLE PRIORITY NA	ELECT CITYV 17, INDIA	VALK, A-3 DIS	TRICT CENTRE, SAKET, 27/11/2014 VEHICLE	
DESIGN NUMBER	20	57950		
CLASS	2	8-03	_	
1)PRESTO INDUSTRIES, AN INDIAN COMPANY, OF 217/218, VASAN UDYOG BHAVAN, OFF S.B. MARG, OPP. PHOENIX MILL, LOWER PAREL, MUMBAI-400013, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	05/1	2/2014		
TITLE	C	OMB		
PRIORITY NA				

DESIGN NUMBER		263089		
CLASS		12-05		
	R THE CO	IITED, (AN INDIAN COMP. MPANIES ACT, 1956), HAV AL, DORAHA-141421 03/06/20	ING ITS OFFICE	
TITLE		CRANE	Ξ	
PRIORITY NA				
DESIGN NUMBER		268321		·
CLASS		12-08		
SAKET, NEW DELHI-1100	ATED UND REGISTER CITYWALI	DER THE COMPANIES		EFER
DATE OF REGISTRATION		22/12/2014		
TITLE		VEHICLE		HE TOSATUM
PRIORITY NA			TOP	
DESIGN NUMBER		265106		
CLASS		09-02		
INCORPORATED UNDER PRINCIPAL PLACE OF E	R THE CO SUSINESS	S (P) LTD, AN INDIAN COM MPANIES ACT, 1956 HAVI AT KOLKATA-700012, WEST BE	NG THEIR	
DATE OF REGISTRATIO	N	25/08/201	14	
TITLE WATER STORAGE TANK			GE TANK	
PRIORITY NA				

DESIGN NUMBER	267283	
CLASS	08-06	
THE COMPANIES ACT, 1956) HAVE AT ADDRESS:	(A COMPANY INCORPORATED UNDER ING ITS PRINCIPAL PLACE OF BUSINESS GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-	
DATE OF REGISTRATION	10/11/2014	1 C
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	267578	
CLASS	11-01	
1)FARAH KHAN ALI, RESIDING A 101, SANJAY PLAZA, A.B. NAIR I MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMBAI 400049,	
DATE OF REGISTRATION	21/11/2014	
TITLE	EARRING	T MAAR A
PRIORITY NA		No. A.
DESIGN NUMBER	267739	
CLASS	19-06	
NAGAR ROAD, OFF. AAREY ROAL OF MAHARASHTRA, (INDIA), INDI NATIONALS WHOSE PARTNERS ARE:- 1. BHA LUNIA INDIAN NATIONAL, OF ABC	ARAT JETHMAL LUNIA (2) PRAVIN JETHMAL VE ADDRESS	
DATE OF REGISTRATION	27/11/2014	
TITLE	BALL POINT PEN	
PRIORITY NA		

DESIGN NUMBER	267942	
CLASS	07-04	
OFFICE AT GALA NO. 5, ADARSH BHAVAN BUILDING, BHAYANDEI INDIA.	LE PROPRIETORSHIP CONCERN) HAVING IND. ESTATE, B.P. X. ROAD, NEAR ASHOK R (EAST), THANE-401105, MAHARASHTRA, F KUMAR SHAH (INDIAN NATIONAL) OF	Rishi [®] Premier Deluxe
DATE OF REGISTRATION	05/12/2014	
TITLE	GLASS (UTENSILS)	
PRIORITY NA		
DESIGN NUMBER	264978	
CLASS	23-99	
HAVING THEIR ADDRESS AT C/O PROF. BHASKAR THORAT, 1	IL KOKATE, BOTH INDIAN INHABITANTS INSTITUTE OF CHEMICAL TECHNOLOGY, N.P. , MATUNGA, MUMBAI-19, MAHARASHTRA,	
DATE OF REGISTRATION	22/08/2014	ALC: NO
TITLE	DRYER CUM VENTILLATOR	- Carl State
PRIORITY NA		Vanish A
DESIGN NUMBER	266698	
CLASS	09-03	
1) S. N. PLAST, INDIAN PROPRIE 41, KRISHNA ESTATE, B/H. B.O. NI CHAWL, RAKHIAL, AHMEDABA	C. GASSES, OPP. GOPINATH ESTATE, NR. SONI	
DATE OF REGISTRATION	13/10/2014	
TITLE	PACKAGING CONTAINER	
PRIORITY NA		

DESIGN NUMBER		263268	
CLASS	12-16		
1)R. N. GUPTA & COMPANY LIN INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY			
DATE OF REGISTRATION		11/06/2014	0
TITLE	PAR	T OF CRANE	
PRIORITY NA			
DESIGN NUMBER		263410	
CLASS		12-16	
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421DATE OF REGISTRATION17/06/2014			
TITLE	CYLINDER BOOM EXTENSION ASSEMBLY OF CRANE		DF
PRIORITY NA			
DESIGN NUMBER	264171		
CLASS		30-99	~
1)BEEFEATERS HOLDING COMPANY, INC. A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW JERSEY OF THE ADDRESS: 5801 WEST SIDE AVENUE, NORTH BERGEN, NEW JERSEY 07047, UNITED STATES OF AMERICA			
DATE OF REGISTRATION	21/07/2014		M.S.
TITLE	DENTAL CARE PRODUCT FOR PETS		are A
PRIORITY			100
PRIORITY NUMBER	DATE COUNTRY		N
29/480,078	23/01/2014 U.S.A.		v

DESIGN NUMBER	262004	
CLASS	SS 23-01	
1) PREMIER IRRIGATION ADRIT 17-1C, ALIPORE ROAD, KOLKAT COMPANY	T EC PVT. LTD., OF FA-700072, WEST BENGAL, INDIA, AN INDIAN	
DATE OF REGISTRATION	24/04/2014	
TITLE	COUPLER FOR PIPES	
PRIORITY NA		
DESIGN NUMBER	267304	
CLASS	09-01	85 8 9
	TE LIMITED, AN INDIAN COMPANY OF STREET, KOLKATA 700 007, WEST BENGAL,	
DATE OF REGISTRATION	10/11/2014	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	267851	
CLASS	08-08	
BOTH INDIAN NATIONALS AND F AN INDIAN PARTNERSHIP FIRM I BUSINESS AT ADDRESS: 5/7, ATIKA INDUSTRIAL AREA,	YA AND (2) JAYSUKHBHAI R. SORATHIYA ARTNERS OF SERON STEEL INDUSTRIES HAVING ITS PRINCIPAL PLACE OF OPP. AMARNATH TEMPLE, HASANVADI TH), RAJKOT-360002, GUJARAT-INDIA	R
DATE OF REGISTRATION	02/12/2014	
TITLE	НООК	
PRIORITY NA		

DESIGN NUMBER	267203	
CLASS	08-06	-
THE COMPANIES ACT, 1956) I AT ADDRESS:	LTD. (A COMPANY INCORPORATED UNDER HAVING ITS PRINCIPAL PLACE OF BUSINESS OK GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-	
DATE OF REGISTRATION	05/11/2014	-
TITLE	HANDLE	-
PRIORITY NA		
DESIGN NUMBER	263269	
CLASS	12-16	7
	LIMITED, (AN INDIAN COMPANY COMPANIES ACT, 1956), HAVING ITS OFFICE PAYAL, DORAHA-141421	
DATE OF REGISTRATION	11/06/2014	- Contraction - Contraction
TITLE	CHASSIS OF CRANE	and the second s
PRIORITY NA		
DESIGN NUMBER	267685	
CLASS	21-01	
1)VARUN JAIN (INDIVIDUAI C-3/22, RAJASTHALI APART PURA, DELHI-110034, AN INDIA	MENTS, MADHUBAN CHOWK, PITAM	
DATE OF REGISTRATION	25/11/2014	
TITLE	TOY CAR	
PRIORITY NA		

DESIGN NUMBER	267852	
CLASS	08-08	
BOTH INDIAN NATIONALS AND P AN INDIAN PARTNERSHIP FIRM I BUSINESS AT ADDRESS: 5/7, ATIKA INDUSTRIAL AREA,	7A AND (2) JAYSUKHBHAI R. SORATHIYA ARTNERS OF SERON STEEL INDUSTRIES HAVING ITS PRINCIPAL PLACE OF OPP. AMARNATH TEMPLE, HASANVADI ITH), RAJKOT-360002, GUJARAT-INDIA	
DATE OF REGISTRATION	02/12/2014	
TITLE	HOOK	
PRIORITY NA		
DESIGN NUMBER	266368	
CLASS	06-11	
1)MRS. SAROJ VARA, UK NATIO 1798 BEDONWELL ROAD, BEXL	2003	
DATE OF REGISTRATION	30/09/2014	100000000
TITLE	MAT	00000
PRIORITY NA		
DESIGN NUMBER	263271	
CLASS	12-16	
1)R. N. GUPTA & COMPANY LIM INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAYA		
DATE OF REGISTRATION 11/06/2014		
TITLE	COUNTER WEIGHT FOR CRANE	¥
PRIORITY NA		

DESIGN NUMBER	265288	
CLASS 09-07		\frown
1) RAJIV KUMAR, AN INDIAN CI N 67, GREATER KAILASH PART		
DATE OF REGISTRATION	TE OF REGISTRATION 01/09/2014	
TITLE	SEALING CAP	
PRIORITY NA		Con the second s
DESIGN NUMBER	263431	
CLASS	12-16	4
1)R. N. GUPTA & COMPANY LIM INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY		
DATE OF REGISTRATION 17/06/2014		
TITLE	FUEL TANK TOOL BOX OF CRANE	
PRIORITY NA		
DESIGN NUMBER	264188	
CLASS	24-01	
NAME AND STYLE OF MANMAN I CORPORATE ENTITY INCORPOR ACT, 1956) WHOSE ADDRESS IS	N INDIAN NATIONAL TRADING IN THE MANUFACTURING COMPANY PVT. LTD. (A ATED IN INDIA UNDER THE COMPANIES HAVE SCHOOL, PERUGATE, PUNE-411030"	
DATE OF REGISTRATION	22/07/2014	
TITLE	DRILL TOOL FOR ORTHOPEDIC SURGERY	
PRIORITY NA		

DESIGN NUMBER	267508	
CLASS	09-03	
THE STYLE NAME OF M/S. RANK FIRM HAVING ITS OFFICE ADDR	NDIAN NATIONAL AND TRADING UNDER A INDUSTRIES, A SOLE PROPRIETARY ESS AT C, G.I.D.C. 3RD PHASE, VAPI-396195,	
DATE OF REGISTRATION	19/11/2014	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	267611	
CLASS	11-01	
1)FARAH KHAN ALI, RESIDING JUHU, MUMBAI 400 049, MAHARASHTRA, INDIA, AN INI	AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, DIAN NATIONAL	
DATE OF REGISTRATION	21/11/2014	6336
TITLE	EARRING	
PRIORITY NA		
DESIGN NUMBER	267776	
CLASS	31-00	
COMPANY INCORPORATED UND ACT, 1956, OF	CES PRIVATE LIMITED, AN INDIAN ER THE PROVISIONS OF THE COMPANIES ARK, MAHAKALI CAVES ROAD, CHAKALA, INDIA	
DATE OF REGISTRATION	27/11/2014	
TITLE	JUICER JAR	
PRIORITY NA		

DESIGN NUMBER		267872	
CLASS		12-15	
1)PODDAR TYRES LIMITED, J (PUNJAB) INDIA (AN INDIAN COMPANY DULY 1956) OF THE ABOVE ADDRESS	, , ,		· · · · · · · · · · · · · · · · · · ·
DATE OF REGISTRATION	03	3/12/2014	
TITLE	TYRE F	FOR BICYCLE	
PRIORITY NA			
DESIGN NUMBER		265860	
CLASS		31-00	
1)HOMELAND HOUSEWARES, 11755 WILSHIRE BLVD., SUITI U.S.A., AMERICAN COMPANY		CALIFORNIA 90025,	
DATE OF REGISTRATION	23	8/09/2014	
TITLE		OF BLENDER FOR FRU EXTRACTION	п
PRIORITY			15/
PRIORITY NUMBER	DATE	COUNTRY	
29/491,999	27/05/2014	U.S.A.	
DESIGN NUMBER	2649	987	·
CLASS	07-02		
1)AXIS IMPEX, A REGISTEREI 85, DADY SHETH AGIARY LANE INDIA. WHOSE PARTNERS ARE MONSHI SHAH 3. HITEN HANSE ALL INDIAN NATIONALS AT LANE, MUMBAI-400002, MAHAR DATE OF REGISTRATION TITLE	5, MUMBAI-400002, MA : 1. VELJI MONSHI SH A J SHAH & JITENDR SHOP NO. 4, 83-85, DAE	AHARASHTRA, IAH 2. KANTI A REGHAVJI GADA, DY SHETH AGIARY /2014	
PRIORITY NA			

DESIGN NUMBER	265	175	
CLASS	09-	07	
1)OBRIST CLOSURES SWITZERI ROMERSTRASSE 83, CH-4153, RI			
DATE OF REGISTRATION	27/08/	2014	
TITLE	CAP FOR	BOTTLE	10000000000000000000000000000000000000
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001 407 290-0003	25/03/2014	OHIM	
DESIGN NUMBER	2634	435	
CLASS	12-	16	~
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421DATE OF REGISTRATION17/06/2014			
TITLE	HYDRAULIC TANK T	OOL BOX OF CRANE	
PRIORITY NA			
DESIGN NUMBER	2650	509	
CLASS	09-	01	
1)MUKESH KHANNA, SOLE PROPRIETOR OF PINAAZ PERSONAL CARE WHOSE ADDRESS IS PLOT NO. 45, POCKET H, SECTOR-5, BAWANA INDUSTRIAL AREA, DELHI- 110039, INDIA AN INDIAN NATIONAL OF ABOVE ADDRESS			
DATE OF REGISTRATION	11/09/	2014	
TITLE	BOT	TLE	
PRIORITY NA			

DESIGN NUMBER		2644	448	
CLASS		24-02		
1)HUMEDICS GMBH, OF MARIE-ELISABETH GERMAN COMPANY	-LÜDERS	-STRASSE-1, 10625 BERI	LIN, GERMANY, A	
DATE OF REGISTRATION	1	04/08/	2014	
TITLE		BREATHIN	IG MASK	$\left(\right)$
PRIORITY			1	
PRIORITY NUMBER		DATE	COUNTRY	
DM/082 823		05/02/2014	WIPO	
DESIGN NUMBER		2672	238	
CLASS		06-	01	
1)NATIONAL INSTITUT LOCATED AT PALDI, A AS INDIAN		SIGN BAD 380007 GUJARAT, H	AVING NATIONALITY	
DATE OF REGISTRATION	I	07/11/2014		
TITLE		CHA	AIR	
PRIORITY NA				LES
DESIGN NUMBER		267329		
CLASS		07-01		
1)M. M. PLASTOWARE (COMPANY REGISTERED REGISTERED OFFICE AT GALA NO. 10, BLDG NO NAIKPADA, WALIV VASA MAHARASHTRA, INDIA, C	IN INDIA D. 2, PARA I (EAST) T	A, HAVING ITS AM INDUSTRIAL ESTATI FHANE:-401208, STATE (
DATE OF REGISTRATION		11/11/2014		
TITLE		BOWL		
PRIORITY NA			1	

DESIGN NUMBER		267464	
CLASS		23-03	
1)GUANGDONG GEMAKE ELEC GEMAKE INDUSTRIAL PARK, D ZHONGSHAN CITY, GUANGDONG CHINA.	ONGFU ROAD, DON	GFENG TOWN,	
DATE OF REGISTRATION	17	7/11/2014	
TITLE	ELECTRIC	WATER HEATER	
PRIORITY NA			
DESIGN NUMBER		267533	
CLASS		08-05	
1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL, MINNESOTA 55133-3427, U.S.A.			
DATE OF REGISTRATION	20/11/2014		
TITLE	SCRAPING TOOL		
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
29/491,718	23/05/2014	U.S.A.	
DESIGN NUMBER		267615	
CLASS		11-01	
1)FARAH KHAN ALI, RESIDING JUHU, MUMBAI 400 049, MAHARASHTRA, INDIA, AN INI	,	AZA, A.B. NAIR ROAD,	
DATE OF REGISTRATION	21/11/2014		
TITLE	FINGER RING		
PRIORITY NA			

DESIGN NUMBER	267705	
CLASS	07-06	
INCORPORATED UNDER THE HAVING OFFICE AT	LIMITED AN INDIAN COMPANY PROVISIONS OF THE COMPANIES ACT, K, OPP. MCA CLUB, BANDRA-KURLA COMPLEX MAHARASHTRA, INDIA	,
DATE OF REGISTRATION	26/11/2014	
TITLE	REVOLVING TRAY	
PRIORITY NA		
DESIGN NUMBER	267781	
CLASS	31-00	
ACT, 1956, OF TECHNOPOLIS KNOWLEDG ANDHERI-EAST, MUMBAI-4000	·	S
DATE OF REGISTRATION	27/11/2014 MIXER GRINDER	_
PRIORITY NA		
DESIGN NUMBER	267995	
CLASS	10-05	
REGISTERED IN INDIA, HAVI 147, KALIANDAS UDYOG BI	VATE LIMITED, A COMPANY NG ITS REGISTERED OFFICE AT HAVAN, NEAR CENTURY BAZAR, 5, STATE OF MAHARASHTRA, INDIA, OF	
DATE OF REGISTRATION	08/12/2014	
TITLE	GAS LEAK DETECTOR	smell
PRIORITY NA		13

DESIGN NUMBER 264904		264904		
CLASS			06-01	
1) JC BAMFORD EXC LAKESIDE WORKS, UNITED KINGDOM			H COMPANY, OF FFORDSHIRE ST14 5JP,	
DATE OF REGISTRAT	ISTRATION 20/08/2014			
TITLE	ITLE VEHICLE SEAT			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
001405203		28/02/2014	OHIM	
DESIGN NUMBER		2	263272	
CLASS			12-16	
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421 DATE OF DIRECTOR 1000000000000000000000000000000000000				All Bananastanta
REGISTRATION TITLE	DOO	M EXTENSION ASS		
	BOU	MEATENSION ASS	EMBLY OF CRANE	
PRIORITY NA			265160	<u> </u>
DESIGN NUMBER		265169		
CLASS		01-01		_
1)M/S. GOLDEN CHO INCORPORATED UND J-6, SECTOR-4, BAW	ER THE INI	DIAN COMPANIES	(A COMPANY DULY ACT, 1956),	155
DATE OF REGISTRATION		27/08/2014		
TITLE		CH	IOCOLATE	
PRIORITY NA				

DESIGN NUMBER	26	5289	4
CLASS			
1)OMRON CORPORATION, A CO UNDER THE LAWS OF JAPAN, OF 801, MINAMIFUDODO-CHO, HO SHIMOGYO-KU, KYOTO-SHI, KYOT			
DATE OF REGISTRATION	01/0	9/2014	2
TITLE	ELECTR	IC RELAY	
PRIORITY			- marine
PRIORITY NUMBER	DATE	COUNTRY	
2014-004612	04/03/2014	JAPAN	
DESIGN NUMBER	26	4189	
CLASS	24	4-01	
1)"MADHUKAR GHOKHALE" A NAME AND STYLE OF MANMAN CORPORATE ENTITY INCORPOR ACT, 1956) WHOSE ADDRESS IS "1157, SADASHIV PETH, OPP. BH			
DATE OF REGISTRATION	22/0	7/2014	
TITLE		DLE SIZING TOOL) FOR DIC SURGERY	
PRIORITY NA			
DESIGN NUMBER	26		
CLASS	1:	5-07	
1)LG ELECTRONICS INC., 128, YEOUI-DAERO, YEONGDEU KOREA, A CORPORATION INCORPO REPUBLIC OF KOREA			
DATE OF REGISTRATION	19/1	1/2014	
TITLE	REFRIC	JERATOR	
PRIORITY NA			

DESIGN NUMBER	267613	
CLASS	11-01	
1)FARAH KHAN ALI, RESIDING Juhu, Mumbai 400 049, Maharashtra, India, an in	G AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, NDIAN NATIONAL	
DATE OF REGISTRATION	21/11/2014	
TITLE	EARRING	
PRIORITY NA		
DESIGN NUMBER	267325	
CLASS	09-03	
GUJARAT, INDIA DATE OF REGISTRATION TITLE PRIORITY NA	AC, G.I.D.C. 3RD PHASE, VAPI-396195, 11/11/2014 CONTAINER	
DESIGN NUMBER	267462	
CLASS	23-03	NT VIEW BAI
	C TRIC APPLIANCE CO., LTD, DONGFU ROAD, DONGFENG TOWN, 3 PROVINCE, PR CHINA, A COMPANY OF CHINA	
DATE OF REGISTRATION	17/11/2014	
TITLE	ELECTRIC WATER HEATER	
PRIORITY NA		

DESIGN NUMBER		26787	7					
CLASS		09-07	1					
1)SH. MANISH GOYA 133, KAPIL VIHAR, P NATIONAL OF THE ABC	ITAMPURA	, DELHI-110034, (INDIA) ESS	AN INDIAN			(
DATE OF REGISTRATI	ON	03/12/20)14			24	0	
TITLE		BOTTLE	CAP				1	1 m 1
PRIORITY NA						U	E	
DESIGN NUMBER		265367						
CLASS		02-02						
GURU VIHAR, RAHON AN INDIAN PROPRIE ARJUN SOOD AND KAR ABOVE ADDRESS DATE OF REGISTRATI TITLE PRIORITY NA	ROAD, LU ETORSHIP F UNA SOOD	08, STREET NO. 2, SHANI DHIANA-141007 (PUNJAB TRM WHOSE PARTNERS A D BEING INDIAN NATIONA 02/09/2014 T-SHIRT	8) , INDIA, ARE:-					
DESIGN NUMBER		263417						
CLASS		12-16						
1)R. N. GUPTA & COM COMPANY INCORPOR ACT, 1956), HAVING IT UNIT-II, GT ROAD, T	ATED UND S OFFICE A	DER THE COMPANIES		L				
DATE OF REGISTRATION		17/06/2014		1	100			
TITLE	PA	RTS OF CRANE				1.1		
PRIORITY NA			-			>		

DESIGN NUMBER		267773		
CLASS		12-15		
1)PODDAR TYRES LIMIT (PUNJAB) INDIA (AN INDIAN COMPANY 1956) OF THE ABOVE ADDI	DULY REGISTE			
DATE OF REGISTRATION		27/11/2014	1	
TITLE		TYRE FOR BICYCLE		
PRIORITY NA				
DESIGN NUMBER		267206		
CLASS		08-06		
1)VITTORIA DESIGNS PY THE COMPANIES ACT, 19 AT ADDRESS: 2, MANINAGAR, NEAR A INDIA	56) HAVING ITS	S PRINCIPAL PLACE	E OF BUSINESS	
DATE OF REGISTRATION		05/11/2014	1	
TITLE		HANDLE		
PRIORITY NA				T
DESIGN NUMBER		265773		
CLASS		23-04	-	
1) DAIKIN INDUSTRIES I THE ADDRESS: UMEDA CENTER BUILE CHOME, KITA-KU, OSAKA	DING, 4-12 NAKA	ZAKI-NISHI 2-		
DATE OF REGISTRATION	1	9/09/2014	/	
TITLE	AIR C	ONDITIONER		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2014-007530	04/04/2014	JAPAN		
			\sim	NO NI

DESIGN NUMBER		268095	5	
CLASS		06-01		
FEATHERLITE PRODUC UNIT III, #18, 19/1, CH	C TS PRIVA OKKANAH AKERE GR	L CAPACITY), AN INDIAN TE LIMITED AT ALLI VILLAGE, BYATHA AM PANCHAYAT, BENGA 09/12/20 CHAIF	ROAD, LURU-561 263, 914	
PRIORITY NA				•
DESIGN NUMBER		264804	4	
CLASS		08-07		_
UTKARSH CO.OP.HSG.I MANDIR ROAD, VAZIRA OF MAHARASHTRA, IN	LTD. ANAN A NAKA, B DIA. K SEALS IN SS	NDIAN NATIONAL) 102/13 DROA PAWAR HIGH SCH ORIVALI (WEST), MUMB NDUSTRIES. AN INDIAN PI 18/08/20	HOOL, RAM AI-400092, STATE ROPRIETORSHIP	
TITLE		SEAL		
PRIORITY NA				-
DESIGN NUMBER		267782		
CLASS		07-02		
1)SAMSUNG ELECTRO 129, SAMSUNG-RO, Y GYEONGGI-DO, 443-742, OF REPUBLIC OF KOREA	EONGTON REPUBLIC			
DATE OF REGISTRATION		27/11/2014		
TITLE		OVEN		
	DATE 26/09/2014	COUNTRY REPUBLIC OF KOREA		
150-2014-0040002	20/09/2014	NEI UDEIC OF KOREA		

DESIGN NUMBER	267896	
CLASS	02-03	
ADDRESS	NG NATIONALITY OF INDIA OF THE SEC-13/43, ROHINI, DELHI-110085	
DATE OF REGISTRATION	04/12/2014	A special second second second
TITLE	HELMET	11
PRIORITY NA		
DESIGN NUMBER	267997	•
CLASS	08-06	
JAYCO PLASTICS, A REGISTERE ITS REGISTERED OFFICE AT NO. 6-9, GEETA INDUSTRIAL E	ERS- INDIAN NATIONAL, TRADING AS D PARTNERSHIP FIRM IN INDIA, HAVING STATE NO. 3, SATIVALI ROAD, SATIVALI, ATE OF MAHARASHTRA, INDIA, OF ABOVE	
DATE OF REGISTRATION	REGISTRATION 08/12/2014	
TITLE	KNOB	
PRIORITY NA		
DESIGN NUMBER	263433	
CLASS	12-16	
1)R. N. GUPTA & COMPANY LIN INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY		
DATE OF REGISTRATION	17/06/2014	
TITLE	REAR OF CRANE	
PRIORITY NA		

DESIGN NUMBER			2612	251		
CLASS			27-	99		\sim
1)ALTRIA CLIENT SERVICE LAWS OF THE STATE OF NEW 6601 WEST BROAD STREET	V YORK	, USA OF			CR THE	
DATE OF REGISTRATION			26/03/	2014		
TITLE	EL	ECTRONIC SM	10KIN	G ARTICLE CHA	ARGER	
PRIORITY PRIORITY NUMBER		DATE		COUNTRY		
29/468,174		26/09/2013		U.S.A.		
			202			
DESIGN NUMBER		2532				
CLASS		03-	01			\sim
1)GLAXO GROUP LIMITED 980 GREAT WEST ROAD, BE UNITED KINGDOM			EX TX8	3 9GS,	~	
DATE OF REGISTRATION		22/04/2013				
TITLE		CASE FOR A	N INHA	ALER	A	\sim \times
PRIORITY PRIORITY NUMBER GB 4027108		DATE COUNTRY 23/10/2012 U.K.			P	
DESIGN NUMBER		26	4190			
CLASS		24	4-01			
1)"MADHUKAR GHOKHALE THE NAME AND STYLE OF M PVT. LTD. (A CORPORATE EN THE COMPANIES ACT, 1956) "1157, SADASHIV PETH, OP 411030"	ANMAN TITY IN WHOSE	MANUFACT CORPORATI ADDRESS IS E SCHOOL, PE	URING ED IN I ERUGA	COMPANY NDIA UNDER		
DATE OF REGISTRATION			7/2014			
TITLE	KIRCH	KIRCHOFSS WIRETOOL FOR ORTHOPEDIC SURGERY				
PRIORITY NA						

DESIGN NUMBER		267614	
CLASS		11-01	-
1)FARAH KHAN ALI, RESIDI JUHU, MUMBAI 400 049, Maharashtra, India, An	,	,	OAD,
DATE OF REGISTRATION		21/11/2014	
TITLE		EARRING	
PRIORITY NA			
DESIGN NUMBER	2	267327	
CLASS		07-02	
EXISTING UNDER THE LAWS OF THE KINGDOM OF THENETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICEADDRESS ISHIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDSDATE OF REGISTRATION11/11/2014			
TITLE		COOKER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002470419-0001	26/05/2014	OHIM	
DESIGN NUMBER		267780	
CLASS		31-00	
1) PREETHI KITCHEN APPLI COMPANY INCORPORATED U COMPANIES ACT, 1956, OF TECHNOPOLIS KNOWLEDG CHAKALA, ANDHERI-EAST, M	J NDER THE PROV I E PARK, MAHAKAI	ISIONS OF THE	
DATE OF REGISTRATION	2'	7/11/2014	
TITLE	GEAR BOX O	F A MIXER GRINDER	
PRIORITY NA			

DESIGN NUMBER		256112	
CLASS		17-01	
1)SYDNEY MATHEWS, A CANA 200 RIDEAU TERRACE, APT 14	A-Q_		
DATE OF REGISTRATION	29	0/08/2013	
TITLE	PIA	ANO KEY	
PRIORITY			3817
PRIORITY NUMBER	DATE	COUNTRY	
152140	23/07/2013	CANADA	
DESIGN NUMBER		268098	
CLASS		12-15	
1)METRO TYRES LIMITED, A INDIAN COMPANIES ACT, 1956 I C-49, SECTOR-62, NOIDA-2013	NATIONALITY: INDIA		
DATE OF REGISTRATION	10	0/12/2014	
TITLE		TYRE	
PRIORITY NA			
DESIGN NUMBER		264875	
CLASS	LASS 08-07		
1)BHARATBHAI D. RAIYANI A INDIAN NATIONAL PARTNERS PARTNERSHIP FIRM HAVING IT ADDRESS: KEVAL NEW SUBHASH-B, STF NAVNEET HALL, RAJKOT-2, GUJA	OF SHREE SWASTIK I IS PRINCIPAL PLACE REET NO. 3, HARIDHAV	HARDWARE AN INDIAN E OF BUSINESS AT	
DATE OF REGISTRATION	19	0/08/2014	
TITLE	1	LATCH	
PRIORITY NA			

DESIGN NUMBER	265	390	
CLASS	26	-05	
1)LIGHTING TECHNOLOGIES IN M. C. JUNCTION, NO. 201, 3RD M KARNATAKA, INDIA; NATIONALIT	at the second		
DATE OF REGISTRATION	03/09	0/2014	
TITLE	LIGHTING	FIXTURE	
PRIORITY NA			
DESIGN NUMBER 266438			
CLASS	08	-06	
1)VITTORIA DESIGNS PVT. LTD. THE COMPANIES ACT, 1956) HAV AT ADDRESS: 2, MANINAGAR, NEAR ASHOK (INDIA DATE OF REGISTRATION			
		0/2014	
TITLE	HAN	IDLE	6
PRIORITY NA			•
DESIGN NUMBER	264	-306	
CLASS	24	-01	B. No
1) NIPRO CORPORATION, 9-3, HONJONISHI 3-CHOME, KIT JAPANESE CORPORATION			
DATE OF REGISTRATION	28/07	//2014	
TITLE	BLOOD R	ESERVOIR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-002009	31/01/2014	JAPAN	AT

DESIGN NUMBER		264373		
CLASS		30-03		
1)UDIT AGARWAL, AN C/O GANGA SANITAR MORADABAD-244001, UP	Y STORE,		A	1000
DATE OF REGISTRATION		30/07/2014	K	i the
TITLE	RACK	FOR FEEDING ANIMALS	I II	
PRIORITY NA			V	
DESIGN NUMBER		267346		
CLASS		23-04		
MAHARASHTRA, INDIA;	R, DR. AN AN INDIA	NIE BESANT ROAD, WORL N COMPANY		D,
DATE OF REGISTRATIO	N	12/11/201		
TITLE		PEDESTAL	FAN	
PRIORITY NA				
DESIGN NUMBER		267496		
CLASS		12-15		
THE ADDRESS:		RIES, LTD. A JAPANESE CO ME, CHUO-KU, KOBE-SHI, I		
DATE OF REGISTRATIO	N	18/11/2014		
TITLE		TIRE FOR AUTON	MOBILE	
PRIORITY NA				

DESIGN NUMBER		267622		
CLASS		11-01		
1)FARAH KHAN ALI, 1 JUHU, MUMBAI 400 049 MAHARASHTRA, INI	,	AT: 101, SANJAY PLAZA, A.B DIAN NATIONAL	. NAIR ROAD,	
DATE OF REGISTRATION	ON	21/11/2014		
TITLE		FINGER RING	Ĵ	Course of the
PRIORITY NA				\bigcirc
DESIGN NUMBER		267783		
CLASS		07-02	1	
1)SAMSUNG ELECTRO 129, SAMSUNG-RO, Y GYEONGGI-DO, 443-742, REPUBLIC OF KOREA	EONGTON			
DATE OF REGISTRATION		27/11/2014		
TITLE		OVEN HANDLE		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
30-2014-0046663	26/09/2014	REPUBLIC OF KOREA		
DESIGN NUMBER		267899		
CLASS		06-01	100	
1)NATIONAL INSTITU PALDI, AHMEDABAI INDIAN		SIGN LOCATED AT UJARAT, HAVING NATIONAL	ITY AS	
DATE OF REGISTRATI	ON	04/12/2014		
TITLE		CHAIR		
PRIORITY NA			4	

DESIGN NUMBER		260394	
CLASS	24-02		
1)KARL STORZ GMBH & CO. H MITTELSTRASSE 8, D-78532 T	and the second second		
DATE OF REGISTRATION	17	7/02/2014	the set
TITLE	OPERATION HANDLE FOR MEDICAL MANIPULATOR SYSTEM		Contraction of the second seco
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-020091	30/08/2013	JAPAN	
DESIGN NUMBER		261443	
CLASS		06-07	
1)ATTITUDE MAXIMUS (INDIA G-FLOOR, 3-6-892, STREET NO ANDHRA PRADESH, INDIA.			
DATE OF REGISTRATION	01	/04/2014	
TITLE	FRAME		6 × 3
PRIORITY NA			K CS
DESIGN NUMBER	268149		
CLASS		23-04	
1)USHA INTERNATIONAL LIM INCORPORATED UNDER THE C REGISTERED OFFICE AT SURYA KIRAN BUILDING, 19 INDIA	OMPANIES ACT, 1956	HAVING ITS	000
DATE OF REGISTRATION	12	2/12/2014	
TITLE	AIR COOLER		
PRIORITY NA			

DESIGN NUMBER		265828	
CLASS		25-01	
1) G. ARIVAZHAGAN, PROPRIET NO. 11, PON NAGAR, JAYAKONI INDIA, INDIAN-NATIONAL OF ABO			
DATE OF REGISTRATION	2:	2/09/2014	
TITLE		TILES	
PRIORITY NA			
DESIGN NUMBER		265871	
CLASS		26-05	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFIC HIGH TECH CAMPUS 5, 5656 AE	DOM OF THE NETH CE ADDRESS IS	HERLANDS, RESIDING AT	<u> </u>
DATE OF REGISTRATION	2	3/09/2014	
TITLE		LAMP	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002430611-0004	24/03/2014	OHIM	0
			U
DESIGN NUMBER		264818	
CLASS		12-15	
1)"FORTUNE GOLD ENTERPRIS UNDER THE LAWS OF REPUBLIC REPUBLIC OF SEYCHELLES ADD SUITE 13, FIRST FLOOR, OLIAJI VICTORIA, MAHE, ZIP CODE: 99912			
DATE OF REGISTRATION	1	8/08/2014	
TITLE		TYRE	
PRIORITY NA			A A A A A A A A A A A A A A A A A A A

DESIGN NUMBER	267568	
CLASS	11-01	
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMBAI 400 049,	
DATE OF REGISTRATION	21/11/2014	
TITLE	EARRING	BORGES E
PRIORITY NA		
DESIGN NUMBER	267625	
CLASS	11-01	L
1)FARAH KHAN ALI, RESIDING Juhu, Mumbai 400 049, Maharashtra, India, an Ini	AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, DIAN NATIONAL	JANE AND
DATE OF REGISTRATION	21/11/2014	
TITLE	FINGER RING	C A A A A A A A A A A A A A A A A A A A
PRIORITY NA		
DESIGN NUMBER	265831	
CLASS	06-01	
THE COMPANIES ACT 1956 HAVE	CD, A COMPANY REGISTERED UNDER NG ITS REGISTERED OFFICE AT PUR ROAD, BANGALORE-560035;	
DATE OF REGISTRATION	22/09/2014	
TITLE	CHAIR	
PRIORITY NA		

DESIGN NUMBER		26	5878	
CLASS		02-02		
SOLE PROPRIETOR O	F M/S. SHRI (RISHNA TE)	JAIN, ADULT, AN INDI EE GANPATHI SILK, H XTILE MARKET, RING	AVING ADDRESS AT	
DATE OF REGISTRAT	ION	23/0	9/2014	- A
TITLE		GAR	MENT	
PRIORITY NA				Real Andread
DESIGN NUMBER		268243		
CLASS		15-03		17 14
1)C. KAMAL., OF NO. 214, ANTHIYUR CHINNEGOUNDANVAI TIRUPUR (DISTRICT), 7 NATIONALITY: INDIAN	LASU, KUNN TAMIL NADU	· · · · · · · · · · · · · · · · · · ·		
DATE OF REGISTRATION		16/12/2014		
TITLE	SUGAR	CANE HARVESTING MACHINE	ి	COL X-
PRIORITY NA				e.
DESIGN NUMBER		26	4023	
CLASS		12	2-16	
OF	EPUR, P.O. S	IKANDERPUR BADDA,	AN INDIAN COMPANY MANESAR, DISTT.	SPA
DATE OF REGISTRATION 1		15/0	7/2014	
TITLE	HANDLE BAR SWI		ITCH FOR VEHICLE	
PRIORITY NA				

DESIGN NUMBER	267570	
CLASS	11-01	
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	JANKA S	
DATE OF REGISTRATION	21/11/2014	ACON.
TITLE	EARRING	
PRIORITY NA		
DESIGN NUMBER	267628	
CLASS		
1)FARAH KHAN ALI, RESIDING JUHU, MUMBAI 400 049, MAHARASHTRA, INDIA, AN IN	AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, DIAN NATIONAL	
DATE OF REGISTRATION	21/11/2014	
TITLE	FINGER RING	
PRIORITY NA		
DESIGN NUMBER	264475	
CLASS	21-01	
1) RAIS AHMED, 7198, BERI WALA BAGH, AZAD NATIONAL)	MARKET, DELHI-110006 (INDIA), (AN INDIAN	aland
DATE OF REGISTRATION	05/08/2014	
TITLE	ТОҮ	
PRIORITY NA	·	

DESIGN NUMBER	260580	
CLASS	06-01	
1)ROM AG, [A CORPORATIO BELGIUM], INDUSTRIESTRAßE 38, B-47	ON ORGANIZED UNDER THE LAWS OF	1
DATE OF REGISTRATION	24/02/2014	
TITLE	SOFA	
PRIORITY NA	· · ·	
DESIGN NUMBER	261447	
CLASS	06-07	
ANDHRA PRADESH, INDIA. DATE OF REGISTRATION TITLE PRIORITY NA	01/04/2014 FRAME	
DESIGN NUMBER	265830	
CLASS	06-01	
UNDER THE COMPANIES ACT AT #134, DODDAKANNELLI, SA NATIONALITY : INDIAN	IITED, A COMPANY REGISTERED F 1956 HAVING ITS REGISTERED OFFICE RJAPUR ROAD, BANGALORE-560035;	
DATE OF REGISTRATION	22/09/2014	
TITLE	CHAIR	
PRIORITY NA		

		265052
DESIGN NUMBER		265872
CLASS	26-05	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFIC HIGH TECH CAMPUS 5, 5656 AE	DOM OF THE NETH CE ADDRESS IS	ERLANDS, RESIDING
DATE OF REGISTRATION	23	3/09/2014
TITLE		LAMP
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
002430611-0005	24/03/2014	OHIM
DESIGN NUMBER		255543
CLASS	26-04	
1)EPISTAR CORPORATION "A T 5 LIHSIN 5TH RD., SCIENCE-BAS TAIWAN		
DATE OF REGISTRATION	31/07/2013	
TITLE	LIGHT-EMITTING DIODE BULB	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
102300944	01/02/2013	TAIWAN

DESIGN NUMBER	267569		
CLASS	11-01		
1)FARAH KHAN ALI, RESIDING A 101, SANJAY PLAZA, A.B. NAIR I MAHARASHTRA, INDIA, AN INDIA			
DATE OF REGISTRATION	OF REGISTRATION 21/11/2014		
TITLE	EARRING	Vicinity A	
PRIORITY NA			
DESIGN NUMBER	267626		
CLASS	11-01		
1)FARAH KHAN ALI, RESIDING A JUHU, MUMBAI 400 049, MAHARASHTRA, INDIA, AN IND	AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, MAN NATIONAL		
DATE OF REGISTRATION	21/11/2014	PART	
TITLE	FINGER RING	A STATE AND A STATE	
PRIORITY NA			
DESIGN NUMBER	264474		
CLASS	09-01		
BHARAT BEVERAGES & FOOD PR FIRM,	AN NATIONAL, SOLE PROPRIETOR OF CODUCT, AN INDIAN SOLE PROPRIETARY ONY, GURGAON (HARYANA), INDIA		
DATE OF REGISTRATION	05/08/2014		
TITLE	BOTTLE		
PRIORITY NA			

DESIGN NUMBER	261446	
CLASS	LASS 06-07	
1)ATTITUDE MAXIMUS (INDIA G-FLOOR, 3-6-892, STREET NO ANDHRA PRADESH, INDIA.	CH	
DATE OF REGISTRATION	NDIC	
TITLE	TLE FRAME	
PRIORITY NA		H
DESIGN NUMBER	265136	
CLASS	29-02	0
BUSINESS AT 'SUNDARI' #102, 4TH A MAIN, 6TH CROSS BANGALORE-560 076, KARNATAP	· · · · · · · · · · · · · · · · · · ·	
DATE OF REGISTRATION 26/08/2014		
TITLE	EVACUATION CHAIR FOR STAIRS	
PRIORITY NA		and a second
DESIGN NUMBER	266548	
CLASS	23-04	
1)LUMINOUS POWER TECHNO COMPANY, INCORPORATED UN ARO TOWER, PLOT NO300, 21 GURGAON-122016, HARYANA (IN		
DATE OF REGISTRATION	09/10/2014	
TITLE	CEILING FAN	
PRIORITY NA		

DESIGN NUMBER CLASS		
CLASS	264025	
	08-07	
1) PRABHAT SHARMA, 195A-14, SIDDHARTH LAKI MADHYA PRADESH, INDIA, A	E CITY, RAISEN ROAD, BHOPAL-46202 N INDIAN NATIONAL	1,
DATE OF REGISTRATION	15/07/2014	
TITLE	HELMET LOCK FOR MOTORCYCL	ES
PRIORITY NA		0
DESIGN NUMBER	264324	
CLASS	02-02	
1) VISHNU UTHAMAN, ARRASARIL HOUSE, THUM INDIAN NATIONAL	IBOLLY, ALLEPPEY, KERALA 688008,	
DATE OF REGISTRATION	28/07/2014	
TITLE	VEST	
		the second s
	267 (2)	
	267631	
CLASS	11-01	
CLASS 1)FARAH KHAN ALI, RESID	11-01 ING AT: 101, SANJAY PLAZA, A.B. N. 19,	AIR
CLASS 1)FARAH KHAN ALI, RESID ROAD, JUHU, MUMBAI 400 04 MAHARASHTRA, INDIA, A	11-01 ING AT: 101, SANJAY PLAZA, A.B. N. 19,	
1)FARAH KHAN ALI, RESID ROAD, JUHU, MUMBAI 400 04	11-01 ING AT: 101, SANJAY PLAZA, A.B. N. 19, N INDIAN NATIONAL	AIR

DESIGN NUMBER	261	448	
CLASS	06	-07	
1)ATTITUDE MAXIMUS (INDIA) G-FLOOR, 3-6-892, STREET NO. 1 ANDHRA PRADESH, INDIA.			Eo
DATE OF REGISTRATION	01/04	4/2014	R RTV
TITLE	FRA	AME	
PRIORITY NA			* K
DESIGN NUMBER	265	5660	
CLASS	23	-01	
1)THE SUPREME INDUSTRIES L' COMPANY), 601 CENTRAL PLAZA, 2/6, SARA BENGAL, INDIA			
DATE OF REGISTRATION	12/09	9/2014	
TITLE	FITTING FOR SEW	ERAGE DISPOSAL	
PRIORITY NA			
DESIGN NUMBER	265	5870	
CLASS	26-05		
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KINGI EINDHOVEN, WHOSE POST-OFFIC HIGH TECH CAMPUS 5, 5656 AE	DOM OF THE NETHER CE ADDRESS IS	LANDS, RESIDING AT	
DATE OF REGISTRATION	23/09	9/2014	1 V
TITLE	LA	MP	1
PRIORITY PRIORITY NUMBER 002430611-0003	DATE 24/03/2014	COUNTRY OHIM	
	· ·		

DESIGN NUMBER		266439	
CLASS		08-06	
1)(1)RONAKBHAI R. MANSURA VIRALBHAI R. MANSURA (4) DHI M. MUNGRA, ALL INDIAN NATIO AN INDIAN PARTNERSHIP FIRM BUSINESS AT ADDRESS: PATEL IND, PLOT NO-7, N/H. 8/ OPP. RIDDHI SIDDHI SOCIETY, RA	RAJBHAI M. MUNGI NALS PARTNERS O HAVING ITS PRINCI B, RING ROAD, B/H. R	RA AND (5) PRADIPBHAI F FITTING INDUSTRIES, PAL PLACE OF AILWAY OVER BRIDGE,	
DATE OF REGISTRATION	07	//10/2014	
TITLE	Н	ANDLE	
PRIORITY NA			
DESIGN NUMBER		264555	
CLASS		07-06	
1)UNISTRAW HOLDINGS PTE. I ONE RAFFLES PLACE, LEVEL 2 SINGAPORE		DRE, NATIONALITY:	\square
DATE OF REGISTRATION	06	5/08/2014	
TITLE	STRAW USED FO	R DRINKING PURPOSE	\sim
PRIORITY			6
PRIORITY NUMBER	DATE COUNTRY		
4034162	07/02/2014	U.K.	
DESIGN NUMBER		267567	
CLASS		11-01	
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMB	AI 400049,	1 Aller
DATE OF REGISTRATION	21	/11/2014	
TITLE	E	ARRING	
PRIORITY NA			

DESIGN NUMBER	267624		
CLASS	11-01	11-01	
1)FARAH KHAN ALI, RES JUHU, MUMBAI 400 049, MAHARASHTRA, INDIA,	IDING AT: 101, SANJAY PLAZA, A AN INDIAN NATIONAL	.B. NAIR ROAD,	
DATE OF REGISTRATION	21/11/2014	4	
TITLE	FINGER RI	NG	
PRIORITY NA			
DESIGN NUMBER	267709		-
CLASS	02-04		
HARYANA, INDIA. (AN INDIAN COMPANY I COMPANIES ACT, 1956)	PUR-131029, DISTTSONEPAT, DULY REGISTERED UNDER THE		
DATE OF REGISTRATION	26/11/2014		
TITLE	SOLE FOR FOOTWEAR		
PRIORITY NA			
DESIGN NUMBER	267907		
CLASS	06-03		
	OF DESIGN LOCATED AT 0007, GUJARAT, HAVING NATIONA	LITY AS INDIAN	TIT
DATE OF REGISTRATION	04/12/2014	4	
TITLE	TABLE		
PRIORITY NA			(יין ז

DESIGN NUMBER		260)395			
CLASS	24-02					
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF						
MITTELSTRASSE 8, D-	-78532 TUI	ITLINGEN	N, GER	MANY	11	\geq
DATE OF REGISTRATION		17/02	2/2014			and
TITLE		ERATION I		LE FOR OR SYSTEM		
PRIORITY						12
PRIORITY NUMBER	DAT	Ъ	COL	JNTRY		
2013-020092	30/08	8/2013	JAP	AN		
DESIGN NUMBER				261444		
CLASS				06-07		
		DVT ITI				V
1)ATTITUDE MAXIMU G-FLOOR, 3-6-892, STF ANDHRA PRADESH, INDI	REET NO. 1					
DATE OF REGISTRATIO	N			01/04/2014		
TITLE				FRAME		
PRIORITY NA						A CONDUCTION OF THE CONDUCTION
DESIGN NUMBER		2	267214			
CLASS			23-04			
1)GREE ELECTRIC AP ZHUHAI, JINJI WEST F GUANGDONG, 519070, CH	ROAD, QIA			AI,		
DATE OF REGISTRATION		05	5/11/201	4		
TITLE	AIR CONDITIONER			ONER	A BUILD	
PRIORITY PRIORITY NUMBER	DA	ATE	С	OUNTRY		
201430127739.X	12/	/05/2014	С	HINA		
					P Xee	

DESIGN NUMBER		262928	
CLASS		02-02	
1)RAGHAVENDRA RATHORE RI G-17, BASEMENT MASJID MOTH NATIONALITY-INDIAN		-110048, INDIA,	
DATE OF REGISTRATION	27	/05/2014	
TITLE		COAT	
PRIORITY NA			
DESIGN NUMBER		265146	
CLASS		25-02	
1)BLÜCHER METAL A/S A COM OF DENMARK AND HAVING THEIR ADDRESS AT PU			
DATE OF REGISTRATION	26	/08/2014	
TITLE	GRATING	S FOR DRAINS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002415398-0001	28/02/2014	OHIM	
DESIGN NUMBER	,	264229	
CLASS		24-01	
1)"MADHUKAR GHOKHALE" AN NAME AND STYLE OF MANMAN CORPORATE ENTITY INCORPOR ACT, 1956) WHOSE ADDRESS IS "1157, SADASHIV PETH, OPP. BH	MANUFACTURING (ATED IN INDIA UNI	COMPANY PVT. LTD. (A DER THE COMPANIES	
DATE OF REGISTRATION	25	/07/2014	
TITLE		OOL FOR ORTHOPEDIC JRGERY	
PRIORITY NA			

DESIGN NUMBER		267572	
CLASS		11-01	
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA			
DATE OF REGISTRATION	2	21/11/2014	Je.
TITLE	I	EARRING	
PRIORITY NA			
DESIGN NUMBER		261449	
CLASS		06-07	
1)ATTITUDE MAXIMUS (INDIA) G-FLOOR, 3-6-892, STREET NO. 1 ANDHRA PRADESH, INDIA			
DATE OF REGISTRATION	(01/04/2014	
TITLE		FRAME	
PRIORITY NA			W
DESIGN NUMBER		264062	
CLASS		15-01	\cap
1)USUI KOKUSAI SANGYO KAIS OF 131-2 NAGASAWA, SHIMIZU-CH	(B)		
DATE OF REGISTRATION	1	6/07/2014	
TITLE	FUEL I	NJECTION PIPE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	N. A.
2014-1267	24/01/2014	JAPAN	S.

DESIGN NUMBER	2642	248	
CLASS	14-	03	under a la
1) STARLOGIK IP LLC, C/O ADA GREENBERG TRAURIG, P.A ME YORK 10166, USA		RK AVENUE, NEW	\bigcirc
DATE OF REGISTRATION	25/07/	2014	
TITLE	CELL P	HONE	
PRIORITY			(Topoll)
PRIORITY NUMBER	DATE	COUNTRY	signal \$00000
29/480,418	26/01/2014	U.S.A.	
DESIGN NUMBER	2646	599	
CLASS	09-	01	
1) PRAMIT SANGHAVI AND DEW V2 CORP., A PARTNERSHIP FIRM WZ-8/1, INDUSTRIAL AREA, KIR	, INDIAN, WHOSE ADDI	RESS IS	
DATE OF REGISTRATION	12/08/	2014	
TITLE	BOTTLE		
PRIORITY NA			
DESIGN NUMBER	2675	573	
CLASS	11-0	01	
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMBAI 4	100 049,	- Alter
DATE OF REGISTRATION	21/11/	2014	13.000
TITLE	EARR	ING	THE POP
PRIORITY NA			

DESIGN NUMBER CLASS			
CLASS		267653	
		09-03	
1)COLGATE-PALMOLIVE COM 300 PARK AVENUE, NEW YOR AMERICA			
DATE OF REGISTRATION	2	4/11/2014	
TITLE	ORAL CARE IN	MPLEMENT PACKAGE	
PRIORITY PRIORITY NUMBER 29/493,759	DATE 12/06/2014	COUNTRY U.S.A.	
DESIGN NUMBER		261450	
CLASS		06-07	
ANDHRA PRADESH, INDIA. DATE OF REGISTRATION TITLE		1/04/2014 FRAME	EREN
PRIORITY NA			A A A A A A A A A A A A A A A A A A A
PRIORITY NA DESIGN NUMBER		260238	A A A A A A A A A A A A A A A A A A A
		260238 21-03	- CS
DESIGN NUMBER		21-03	
DESIGN NUMBER CLASS 1)FABBRI GROUP CONSORZIC VIA DELL' ARTIGIANATO, 193	8, 45030 CALTO (RO), I	21-03	
DESIGN NUMBER CLASS 1)FABBRI GROUP CONSORZIO VIA DELL' ARTIGIANATO, 193 NATIONALITY	8, 45030 CALTO (RO), I	21-03 TALY, WITH ITALIAN	

DESIGN NUMBER		265562	
CLASS		07-99	
1)ROHIT KUMAR, NATIONALIT S/O SHRI VIJAYPAL SINGH, WA KALANAUR, DISTRICT-ROHTAK, P			
DATE OF REGISTRATION	0	9/09/2014	
TITLE	BOTT	LE CARRIER	
PRIORITY NA			
DESIGN NUMBER		264063	
CLASS		15-01	R
1)USUI KOKUSAI SANGYO KAIS OF 131-2 NAGASAWA, SHIMIZU-CH	E.		
DATE OF REGISTRATION	1	5/07/2014	
TITLE	FUEL IN	JECTION PIPE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	Var
2014-1268	24/01/2014	JAPAN	0
DESIGN NUMBER		264097	
CLASS		05-05	W W W W W W
1)EICHER GOODEARTH PRIVAT 3RD FLOOR, SELECT CITY WAL NEW DELHI-110017, AN INDIAN CO			
DATE OF REGISTRATION	1	7/07/2014	
TITLE	TEXT	TILE FABRIC	8 6 6 6 6 6 6 G
PRIORITY NA			

DESIGN NUMBER		267270	
CLASS		31-00	
1)PREETHI KITCHEN APPLIAN COMPANY INCORPORATED UNI ACT, 1956, OF TECHNOPOLIS KNOWLEDGE P ANDHERI-EAST, MUMBAI-400093,	DER THE PROVISION ARK, MAHAKALI CA'	S OF THE COMPANIES	
DATE OF REGISTRATION	07	/11/2014	90
TITLE	TABLE	FOP GRINDER	
PRIORITY NA			
DESIGN NUMBER		267574	
CLASS		11-01	
1)FARAH KHAN ALI, RESIDING 101, SANJAY PLAZA, A.B. NAIR MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMB	AI 400049,	
DATE OF REGISTRATION	21	/11/2014	
TITLE	EA	ARRING	
PRIORITY NA			Aller.
DESIGN NUMBER		267654	
CLASS		09-03	
1)COLGATE-PALMOLIVE COM 300 PARK AVENUE, NEW YORK AMERICA			
DATE OF REGISTRATION	24	/11/2014	$\exists ((//))$
TITLE	ORAL CARE IM	PLEMENT PACKAGE	
PRIORITYPRIORITY NUMBERDATECOUNTRY29/493,76112/06/2014U.S.A.			

DESIGN NUMBER		265563	
CLASS		09-03	
1) ROHIT KUMAR, NATIONALIT S/O SHRI VIJAYPAL SINGH, WA KALANAUR, DISTRICT-ROHTAK, P	1200		
DATE OF REGISTRATION	09	0/09/2014	SI SI
TITLE	PACKAG	ING FOR EGGS	1.72.7
PRIORITY NA			
DESIGN NUMBER		264064	
CLASS		15-01	6
1)USUI KOKUSAI SANGYO KAIS OF 131-2 NAGASAWA, SHIMIZU-CH	A.		
DATE OF REGISTRATION	16	5/07/2014	
TITLE	FUEL IN	JECTION PIPE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	No a
2014-1269	24/01/2014	JAPAN	8
DESIGN NUMBER		264098	
CLASS		05-05	
1)EICHER GOODEARTH PRIVAT 3RD FLOOR, SELECT CITY WAL NEW DELHI-110017, AN INDIAN CC			
DATE OF REGISTRATION	17	7/07/2014	
TITLE	TEXT	ILE FABRIC	1+ A++ A++ A++ A+
PRIORITY NA			1.4 1.4 1.4 1.4 1

DESIGN NUMBER		264259	
CLASS		15-02	
1)FLOW CONTROL LLC, 100 CUMMINGS CENTER, BEVER STATES OF AMERICA, A CORPORA' UNDER THE LAWS OF DELAWARE			
DATE OF REGISTRATION	25	5/07/2014	
TITLE		PUMP	- AD GRA
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/480,850	30/01/2014	U.S.A.	
DESIGN NUMBER	,	261859	
CLASS		07-01	
1)EMSA GMBH, A GERMAN COM GREVENER DAMM 215-225, 4828			
DATE OF REGISTRATION	21	/04/2014	
TITLE	INSERT FOR	R A VACUUM JUG	
PRIORITY PRIORITY NUMBER			
002332221-0004	23/10/2013	OHIM	
DESIGN NUMBER		267575	
CLASS		11-01	
1)FARAH KHAN ALI, RESIDING A 101, SANJAY PLAZA, A.B. NAIR I MAHARASHTRA, INDIA, AN INDIA	ROAD, JUHU, MUMB	AI 400 049,	
DATE OF REGISTRATION	21	/11/2014	
TITLE	E	ARRING	
PRIORITY NA			

DESIGN NUMBER		267655	
CLASS		09-03	
1)COLGATE-PALMOLIVE COME 300 PARK AVENUE, NEW YORK AMERICA			S
DATE OF REGISTRATION	24	4/11/2014	
TITLE	ORAL CARE IN	IPLEMENT PACKAGE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/493,762	12/06/2014	U.S.A.	
DESIGN NUMBER		261452	
CLASS		06-07	
1)ATTITUDE MAXIMUS (INDIA) G-FLOOR, 3-6-892, STREET NO. 1 ANDHRA PRADESH, INDIA.	PVT. LTD., A PRIVA 6, HIMAYATHNAGA	ATE LIMITED COMPANY, AR, HYDERABAD-500029,	
DATE OF REGISTRATION	0	1/04/2014	
TITLE		FRAME	
PRIORITY NA			PA RE
DESIGN NUMBER		265681	
CLASS		11-05	
1)SEET KAMAL INTERNATIONA INDUSTRIAL AREA, JAIPUR-30201 AN INDIAN PROPRIETORSHIP F. NATHANY, INDIAN NATIONAL OF	3 (RAJASTHAN), IN IRM WHOSE PROPRI	DIA,	
DATE OF REGISTRATION	1:	5/09/2014	
TITLE	FESTIVE	DECORATIONS	
PRIORITY NA			

DESIGN NUMBER	2682	292	
CLASS	07-05		A
1)CASA BRANDS INDIA PVT. LT THE LAWS OF INDIA, OF C-37A, LOWER GROUND FLOOF	,		A CONTRACTOR OF
DATE OF REGISTRATION	19/12/2014		
TITLE	DRYER FOR CLOTHES		A A A A A A A A A A A A A A A A A A A
PRIORITY NA			Alter a
DESIGN NUMBER	26	2617	
CLASS	23-03		
1)BHARAT HEATERS INDUSTRI SHAHDARA, DELHI-110095, INDIA (AN INDIAN PROPRIETORSHIP) VERMA AN INDIAN NATIONAL OF	FIRM WHOSE PROPRIE	TOR IS:- SH. KAMAL	
DATE OF REGISTRATION	15/05/2014		
TITLE	HEATER FOR MOULDING PVC		
PRIORITY NA			
DESIGN NUMBER	264074		
CLASS	23-02		
1)GEBERIT INTERNATIONAL A SCHACHENSTRASSE 77, 8645 JC SWITZERLAND		COMPANY OF	
DATE OF REGISTRATION	16/07/2014		
TITLE	CONTROL PANEL FOR TOILET FLUSH TANKS		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
787158501	17/01/2014 WIPO		

DESIGN NUMBER		264099	
CLASS		07-01	
1)EICHER GOODEARTH PRIVATE LIMITED, AT 3RD FLOOR, SELECT CITY WALK MALL, A-3, DISTRICT CENTRE, SAKET, NEW DELHI-110017, AN INDIAN COMPANY			
DATE OF REGISTRATION	17	7/07/2014	
TITLE	TU	JMBLER	
PRIORITY NA			
DESIGN NUMBER		264260	
CLASS		15-02	-
	RLY, MASSACHUSETTS 01915, UNITED ATION DULY ORGANIZED AND EXISTING 25/07/2014 PUMP DATE COUNTRY 30/01/2014 U.S.A.		
DESIGN NUMBER		263088	
CLASS		12-05	
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421DATE OF REGISTRATION03/06/2014			
TITLE	(CRANE	
PRIORITY NA			

DESIGN NUMBER		261678	
CLASS	02-07		
1)MR. WANG LAP RONNY ROOM 618, TRANS ASIA C CHUNG, NEW TERRITORIES,	ENTRE, NO. 18 K	IN HONG STREET, KV	
DATE OF REGISTRATION		10/04/2014	
TITLE	SLIDER	R FOR SLIDE FASTEN	ER 1)
PRIORITY NA			
DESIGN NUMBER		268295	
CLASS		23-04	
INCORPORATED UNDER TH REGISTERED OFFICE AT SURYA KIRAN BUILDING 110001, INDIA DATE OF REGISTRATION			
TITLE		AIR COOLER	
PRIORITY NA			
DESIGN NUMBER	2	63355	_
CLASS		09-03	
1)THERA TEC GMBH & CC STRAHLENBERGER WEG ALEMANIA		KFURT AM MAIN,	
DATE OF REGISTRATION	16/	06/2014	
TITLE	BANDAGI	E CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002370536-0016	16/12/2013	OHIM	

DESIGN NUMBER		264716	
CLASS		26-06	
1)HONDA MOTOR CO., LTD., A J 1-1, MINAMI-AOYAMA 2-CHOM		,	1 The second sec
DATE OF REGISTRATION	12	2/08/2014	u /
TITLE	TURN-SIGNAL CASE FOR MOTORCYCLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-003050	14/02/2014	JAPAN	
DESIGN NUMBER		264101	
CLASS		05-05	KARAARAARAARAARA
1)EICHER GOODEARTH PRIVA 3RD FLOOR, SELECT CITY WAL NEW DELHI-110017, AN INDIAN CO	LK MALL, A-3, DISTR	ICT CENTRE, SAKET,	la dan dalah
DATE OF REGISTRATION	17/07/2014		
TITLE	TEXTILE FABRIC		Last at at at a
PRIORITY NA			
DESIGN NUMBER		264262	
CLASS		08-06	
1)DIPAKBHAI BHIKHABHAI KH PROPRIETOR OF OM SAI MANUF CONCERN) HAVING PLACE OF B 6/A, PARSANA SOCIETY, 50, FEI GUJARAT-(INDIA)	ACTURE (INDIAN P USINESS AT-	PROPRIETORSHIP	
DATE OF REGISTRATION	2	8/07/2014	
TITLE	F	IANDLE	
PRIORITY NA			7

DESIGN NUMBER	261454	
CLASS	06-07	
1)ATTITUDE MAXIMUS (INDIA) G-FLOOR, 3-6-892, STREET NO. ANDHRA PRADESH, INDIA.	ANC	
DATE OF REGISTRATION	01/04/2014	- Win
TITLE	FRAME	5
PRIORITY NA		