पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal 27/06/2014

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.

(Chaitanya Prasad) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

27th JUNE, 2014

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पेटेंट कार्यालय

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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।

The Patent Office Journal 27/06/2014

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.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

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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.

Early Publication:

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((12)	PATENT	APPI ICA	TION	PURI	ICAT	NOL
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(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 27/06/2014

(21) Application No.3216/DEL/2013 A

(54) Title of the invention : IMPLOSION ENABLED ENGINE OF EXOTHERMIC TYPE IN EXPLOSIVE SYSTEM (IEEX-EM) EMPLOYING A SAFE PIPE SYSTEM (SPS) AND OTHER SAFETY DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F02B43/10 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)JITENDRA KUMAR BARTHAKUR Address of Applicant :C8/8807, Vasant Kunj, New Delhi- 110070, India (72)Name of Inventor : 1)JITENDRA KUMAR BARTHAKUR
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE PRESENT SUBJECT MATTER DISCLOSES THE CONCEPT OF MULTIPLE ENGINE HEADS FOR ONE CYLINDER WORKING AS SERIALLY OPERATING INTERNAL COMBUSTION (SOIC) ENGINE USING SAFE PIPE SYSTEM (SPS) AND OTHER INTEGRATED SYSTEMS, VIZ., INTERIM STORAGE OF GAS (ISG) AND PRE-DISPOSAL EXHAUST TREATMENT (PDET) FOR SAFELY TRANSPORTING, HANDLING OR STORING POTENTIALLY EXPLOSIVE GAS SUCH AS H2. SPS IS IN THE FORM OF A CHAMBER HAVING A MAIN PIPELINE SEGREGATED INTO DIFFERENT INTERCONNECTED SGC SEGMENTS ALLOWING AND DISRUPTING THE FLOW OF SUBSTANTIALLY PURE H2 AND SUBSTANTIALLY PURE 02 GAS IN COLD CONDITION THROUGH THE MAIN PIPELINE; ON RECEIPT OF COMMAND. SOIC INCLUDES AT LEAST ONE CYLINDER (32) AND A PLURALITY OF ENGINE HEADS (311, 312) FILLED WITH WATER; THE GAS ENTERING THE ENGINE HEAD IN REQUIRED VOLUME FORMS A BUBBLE IN UPPER PART OF THE ENGINE HEAD CAUSING THE SPARKING ASSEMBLIES (51, 52) TO IGNITE AND CREATE IMPLOSION FIRST AND EXPLOSION NEXT IN THE ENGINE HEADS; PUSHING THE PISTONS (411, 412) AND TRANSMITTING THE FORCE OF EXPLOSION TO THE CRANKSHAFT ASSEMBLY (431, 432) TO PRODUCE TORQUE OR THE FORCE OF EXPLOSION GENERATED BY IEEX-EM EXPELLING THE WATER OUT OF CYLINDER (32) WITH HIGH PRESSURE BEING USED FOR ROTATING TURBINE OR FOR THROWING PROJECTILE TO PRODUCE ENERGY.

No. of Pages : 32 No. of Claims : 17

(21) Application No.1255/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND APPARATUS OF PROVIDING HOLOGRAMS USING TRANSPARENT EMBOSSING CYLINDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	: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 India (72)Name of Inventor : 1)CHATURVEDI, ASHOK
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	
(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

An apparatus for forming a hologram on a packaging substrate comprising a coating station configured to coat Ultra Violet curable coating on the packaging substrate; and a cylinder having an embossed holographic pattern configured to emboss the holographic pattern on the UV curable coating on the packaging substrate, the cylinder further having a curing unit for curing embossed holographic pattern through UV radiations.

No. of Pages : 18 No. of Claims : 17

(19) INDIA

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

(21) Application No.2056/MUM/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : DRY POWDER FOR INHALATION OF SIRNA POLYPLEXES IN TREATMENT OF PULMONARY ARTERIAL HYPERTENSION

(51) International classification(31) Priority Document No(32) Priority Date	:A61K48/00, A61K31/00 :NA :NA	 (71)Name of Applicant : 1)DR. AMBIKANANDAN RAJNARAYAN Address of Applicant :PHARMACY DEPARTMENT, FACULTY OF TECH. & ENGG., THE MAHARAJA
(33) Name of priority country	:NA	SAYAJIRAO UNIVERSITY OF BARODA, P. B. NO. 51,
(86) International Application No	:NA	KALABHAVAN, VADODARA-390001, GUJARAT, INDIA.
Filing Date	:NA	2)MR. BARADIA DIPESH PRAKASHCHAND
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. MISRA AMBIKANANDAN RAJNARAYAN
Filing Date	:NA	2)MR. BARADIA DIPESH PRAKASHCHANDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present investigation includes development of dry powder for inhalation of siRNA polyplexes to treat pulmonary arterial hypertension. Modified polyethylenimine were synthesized by using polyethylenimine and Boc-amino acids. Modified polyethylenimines were then used to prepare siRNA polyplexes and which were then converted into dry powder for inhalation. Jn vitro cell line studies were carried out to find out the safety and efficacy of the formulations. In vitro lung deposition studies and in vivo animal studies were also carried out to confirm the effectiveness of developed dry powder formulation in treatment of pulmonary arterial hypertension.

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

(21) Application No.1915/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : SOLID STATE, SOLVENT-FREE SYNTHESIS METHOD(S) FOR ZINC OXIDE DOPED WITH METAL(S) AND/OR ZNO-BASED MIXED OXIDE(S)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C01G9/00, C01G49/00 :NA :NA :NA :NA :NA : NA :NA	Address of Applicant :VIJAYNAGAR, BLD. NO. 3, B-14, DHAYARI, NEAR DHARESHWAR MANDIR, SINHGAD ROAD, PUNE-411041, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)DR. PRAKASH RAVINDRA SOMANI 2)DR. SAVITA PRAKASH SOMANI
(61) Patent of Addition to Application NumberFiling Date		2)DR. SAVITA PRAKASH SOMANI 3)MRS. SADHANA ANNASAHEB SAWANT 4)PROF. S. K. OMANWAR
(62) Divisional to Application NumberFiling Date	:NA :NA :NA	4)1 ROF. 5. R. OMANWAR

(57) Abstract :

Solid-state, solvent-free synthesis method(s) for zinc oxide doped with metal(s) and/or ZnO-based mixed oxide(s) is disclosed. ZnO / Zn and organo-metallic precursor(s) of the dopant-metal(s) / dopant-metal(s) are used as starting materials. Method(s) are useful for manufacturing ZnO-based multifunctional materials in powder form or thin / thick films form applicable as dilute magnetic semiconductors, pigments, spintronics, visible light photocatalysis, dye sensitized solar cell, optical light filters, catalysis etc. Method(s) demonstrated here are equally suitable for other wide optical band gap oxide materials.

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

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.1892/MUM/2014 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : DIAGNOSIS PROCESS OF AYURVEDIA NADIPARIKSHAN THROUGH NADIGRAPH (ENG)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61k 36/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR. KHANDU V. PATHAK Address of Applicant :527, LAKSHYA APARTMENT, MEHUNPURA, SHANIWAR PETH, PUNE-411030, MAHARASHTRA, INDIA (72)Name of Inventor : 1)DR. KHANDU V. PATHAK
Filing Date (87) International Publication No	: NA	1)DR. KHANDU V. PATHAK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is related to diagnosis process of nadiparikshan through nadigraph. Using of Nadi Graph for ENG does not require special skills and can be operated easily.Pertaining to the normal readings as per prakriti, the higher/lesser readings pinpoint the blood flow and the same can lead to the non-functioning organ. Nadi Graph readings can be used to analyze all the three Nervous, Digestive & Circulatory systems and this utility makes the Nadi Graph one of its kind diagnostic technology. In fact Nadi Graph (Electro Nadi Graph - ENG) can revolutionize the entire diagnostic methods to become one of the best and holistic methods of diagnosing

No. of Pages : 18 No. of Claims : 5

(21) Application No.1842/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : RETAIL CHICKEN SLAUGHTER UNIT

(51) International allocation	:A22C21/00,	(71)Name of Applicant :
(51) International classification	A22B7/00	1)DIRECTOR OF RESEARCH
(31) Priority Document No	:NA	Address of Applicant : DIRECTOR OF RESEARCH,
(32) Priority Date	:NA	MAHARASHTRA ANIMAL AND FISHERY SCIENCES
(33) Name of priority country	:NA	UNIVERSITY, NEAR HANUMAN TEMPLE, FUTALA ROAD,
(86) International Application No	:NA	TELANKHEDI, NAGPUR-440 001 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. RAVINDRA JAYAVANT ZENDE
(61) Patent of Addition to Application Number	:NA	2)DR. ASHISH MOTIRAM PATURKAR
Filing Date	:NA	3)DR. DINESH MANOHARRAO CHAVHAN
(62) Divisional to Application Number	:NA	4)DR. VILAS MAHADEO VAIDYA
Filing Date	:NA	

(57) Abstract :

The invention relates to retail chicken slaughter unit for hygienic chicken meat production comprises detachable three platforms (1, 2 and 3) for easy transportation. The bird slaughtered hygienically by holding in bleeding cones (la) and blood collected in round S.S. tray (lb) for further use. The bird then shackled, deskinned and eviscerated taking aseptic precautions and washed effectively using S.S. flexible water hose pipe (2e). All the waste materials separately stored in cabinets (le and 2g) and hygienic chicken meat production could be done.

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

(54) Title of the invention : CRY SENSITIVE FULLY AUTOMATIC BABY CRADLE

(21) Application No.2875/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

:A47D9/04, (71)Name of Applicant : (51) International classification A47D13/02 1)HIREN R. ZALA (31) Priority Document No :NA Address of Applicant :45, B-3, POLICE STAFF QUARTERS, (32) Priority Date :NA BILKHA ROAD, JUNAGADH 362001, GUJARAT, INDIA. (33) Name of priority country :NA (72)Name of Inventor : (86) International Application No :NA 1)HIREN R. ZALA 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 :

Everyone is facing the time crunch in this fast moving world. Hence, taking care of a human baby on daily basis is tedious. As a relief, an automatically operated cry sensitive - baby cradle by using electric motor has been invented. The innovative cry sensitive - baby cradle is actuated to oscillate, at required frequency and amplitude of oscillations, as and when the baby cries. The cry sensitive - baby cradle oscillates for a specified period {based on the timer preset by mother or any other user), and then stops. To avoid injury to baby {by the oscillating cradle), in case it falls out of cradle, as a safety measure a provision is made to stop the cradle and buzzer turns on, as soon as the (baby) he/she crawls out of cradle. Also, the Baby cradle can be stopped as desired, if the baby is to be lifted up from the cradle, by any person.

No. of Pages : 12 No. of Claims : 5

(21) Application No.545/MUM/2014 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : ELLIPTICAL MACHINING BED			
 (51) International classification (31) Priority Document No (32) Priority Date (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) PREM NARAYAN DHARWAN Address of Applicant :G-3, MATRACHHAYA APARTMENT, B SECTOR, SARVADHARMA COLONY, KOLAR ROAD, BHOPAL PIN - 462042 Madhya Pradesh India (72) Name of Inventor : 1) PREM NARAYAN DHARWAN	
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

Although most modern computerised machines like C. N.C. miller are available in the market which can be used for machining of elliptical shape But because of its very high cost it in beyond the reach of thousands of small scale industries of the country. E.M.B. is invented for getting elliptical shape of required measurement machined directly.

No. of Pages : 11 No. of Claims : 1

(21) Application No.1922/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PRODUCT FOR INCREASING PLANT REPRODUCTIVE GROWTH IN VARIOUS PLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A01N45/00, A01G7/00, A01H3/04 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR. CHETAN BALAR Address of Applicant :12, ESHWAR NAGAR, HIRA BAUG, VARACHHA ROAD, SURAT-395006, GUJARAT, INDIA. (72)Name of Inventor : 1)DR. CHETAN BALAR
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA : NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

This invention disclosed herein a plant growth regulator product which is essential for (lowering in crop plants, vegetable plants, spices plants, flower and gardening plants thereof. The compound is very safe and can handle very easily during the application for the foliar application. Another significant advantage of the compound is its relatively low cost and thus positive impact on the agricultural economics.

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

(19) INDIA

(22) Date of filing of Application :12/06/2014

(21) Application No.2862/CHE/2014 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PERFORMANCE ENHANCED GLASS TO GLASS SOLAR PV PANEL COMBINED WITH SOLAR WATER HEATER

(51) International classification	:f24J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. JAIGANESH
(32) Priority Date	:NA	Address of Applicant :NO. 283, MEL STREET,
(33) Name of priority country	:NA	CHINNASEERAGAPADI, (PO), VEERAPANDI, SELEM - 636
(86) International Application No	:NA	308 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K. JAIGANESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the 21st century, the Energy Management is the biggest challenge before us. Renewable energy is the only way to reduce the power demand. Among all the renewable energy sources solar power is more suitable, because more than 300 sunny days available naturally in our country. Solar Energy is majorly classified into two main energies namely, Light Energy and Heat Energy. The solar Photovoltaic (PV) system converts the light energy alone into electrical energy and the heat energy is not utilized, but the heat energy that falls on the PV panel will increase the panel temperature up to 60°C -80°C (STC- 25°C). So the efficiency of the PV panel gets decreased. In the same way, solar thermal systems will operate with heat energy from sun alone, the light energy that falls along with the heat energy was not utilized in this system. There is no possibility to detach the light and heat energy that come from the sun directly, so there is no chance of utilizing both energy (Light & Heat) from the sun which falls on a same place. The above problems are overcome by Glass to Glass Solar PV panel combined with solar water heater. This PVT method converts the light energy into electrical energy by solar PV panel and the heat energy that comes along with the light energy which leads to decrease the efficiency of PV panel was utilized to produce the hot water with the help of flat plate solar thermal collector placed behind the PV panel. The conventional PV panel efficiency was decreased when the temperature rises above the 25°C, because the thermal conductivity of the last layer (i.e tedlar) is low (0.033 W/mK). So it will not allow the heat to transfer to the back side of the panel. Hence, the heat was accumulated in the PV cell itself and it decreases the efficiency of the panel. The above problem is overcome by replacing the last Tedlar layer by Glass. The flat plate solar thermal collectors are placed behind the G2G PV panel for performance improvement. Due to the higher thermal conductivity (0.93 W/mK) of the glass layer, the heat accumulated in the PV cell was conducted by the glass and transfers the same to the solar thermal collector. The electrical efficiency of the G2G PVT panel was 0.7% more than the conventional PV panel, in addition 44.37% of thermal energy also stored. So the overall solar energy conversion efficiency is 56.02%. This method was more suitable for the people living in the apartments and those are having less space in the facade, because of its simplicity in construction, easy to operate and low maintenance cost.

No. of Pages : 13 No. of Claims : 10

(21) Application No.2981/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM FOR ENSURING SAFETY ON SIMULTANEOUS APPLICATION OF BRAKE PEDAL AND ACCELERATION ACTUATOR IN A VEHICLE

(51) International classification	:f02d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATTAR Sagar
(32) Priority Date	:NA	Address of Applicant :H. No 116, 4TH CROSS,
(33) Name of priority country	:NA	CHIDAMBAR NAGAR BELGAUM - 590006 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATTAR Sagar
(87) International Publication No	: NA	2)BADIGER Kaveri
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for ensuring safety on simultaneous application of at least one brake pedal (12) and an acceleration actuator (14) in a vehicle (10) is provided. The system (100) may include a first member (102) configured to assume a resting position (204) when all the brake pedals (12) are in a non-actuated position. The first member (102) may be configured to be dislodged, when at least one brake pedal (12) is actuated. An accelerator cable (104) engaged with the first member (102) may be configured to operate a throttle valve. The accelerator cable (104) may be in tensed configuration (202) when the first member (102) is in the resting position (204) allowing acceleration, and in slacked configuration (206) on dislodging the first member (102) from the resting position (204) on simultaneous actuation of the acceleration actuator (14) and at least one brake pedal (12).

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

(21) Application No.2892/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : HIGH TEAR RESISTANT PAPER		
(51) International classification	:d21h	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Manoj Malpani
(32) Priority Date	:NA	Address of Applicant :5A, Divya Shakti Apartments,
(33) Name of priority country	:NA	Dwarkapuri, Punjagutta, Hyderabad-500082 Andhra Pradesh,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Manoj Malpani
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiment of the present disclosure is directed towards a high tear resistant paper. The high tear resistance paper includes two or more layers configured to furnish high resistant for preventing the paper from fragmentation and a polyester material positioned between the two or more layers configured to furnish water resistant for preventing the paper from fragmentation.

No. of Pages : 8 No. of Claims : 7

(21) Application No.2311/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : S3 SINE WAVE INVERTER		
(51) International classification	:h02m	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B. DASTAGIRI REDDY
(32) Priority Date	:NA	Address of Applicant :1-127, NELATUR (VI&PO),
(33) Name of priority country	:NA	DUVVUR (M), KADAPA (DT) - 516 175 Andhra Pradesh India
(86) International Application No	:NA	2)DR. M. P. SELVAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)B. DASTAGIRI REDDY
(61) Patent of Addition to Application Number	:NA	2)DR. M.P. SELVAN
Filing Date	:NA	3)DR. S. MOORTHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sine wave inverter with front-end DC-DC conversion stage followed by a synchronized push-pull configuration operating at desired fundamental frequency is presented. The DC-DC conversion stage employs an asynchronous buck converter. The duty cycle of DC-DC converter is varied in the form of unidirectional sine wave to produce similar output voltage across the DC-link capacitor. The unidirectional voltage is made into alternating voltage, by the synchronized push-pull configuration. The presented sine wave inverter employs three semiconductor switches in which only one is operating at high frequency and the rest are operating at desired fundamental frequency. Hence, it is named as S3 sine wave inverter. A simple and cost effective analog control circuit is also presented for the simultaneous generation of high frequency switching pulses for DC-DC conversion stage and synchronized fundamental frequency switching pulses for push-pull configuration. The reference sine wave of desired frequency, generated using sine wave oscillator, is the essential input to the pulse generation circuit. The hardware prototype of S3 inverter is built in the laboratory and its performance is validated with resistive (R), resistive-inductive (RL), compact fluorescent lamp, incandescent lamp and fan loads.

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

(21) Application No.2802/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : A MACHINE FOR DE-RUSTING AND DE-SCALING OF WIRES		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:b08b :NA :NA :NA :NA	 (71)Name of Applicant : 1)Venkatachalam Subramaniam Address of Applicant :No: 7/554, Ayyappa Nagar, Behind Holy Cross School, Kanuvai, Coimbatore-641 108, Tamilnadu, India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Venkatachalam Subramaniam
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A DE-RUSTING AND DE-SCALING MACHINE FOR WIRES, having a Stationary Central Hollow Shaft (1). Master Gear (2) is fitted externally, another Gear (4) fixed to Shaft (12), activated by idle gear (3). One end of Shaft (12) carries a Metallic Wire Brush (7). Rotating Drum (10) is driven by a Motor (9) through a V-Pulley (5) and V-Belt (6). Wire to be de-rusted and de-scaled (11) travels longitudinally through the Hollow Shaft (1) and passes through a plurality number of metallic wire brushes, which clean the wire in the process. Carrier Plate (8) is fixed to Inner Ring (13) of Rotating Drum (10), which swings the Brush Shaft (12) radially either inwards or outwards, depending upon wire size. A semi-circular hood is placed on the rotating metallic wire brushes (7), which shields the flying scales and rust and forces these unwanted waste to be collected into a bin for disposal.

No. of Pages : 11 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :16/06/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR INSTALLING UPGRADED SOFTWARE ON ELECTRONIC

DEVICES

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant : 1)WIPRO LIMITED
(32) Priority Date(33) Name of priority country	:NA :NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore 560035, Karnataka, India.
(86) International Application No		(72)Name of Inventor :
Filing Date	:NA	1)ABHISHEK DHAR
(87) International Publication No	: NA	2)SWARUP MANDAL
(61) Patent of Addition to Application Number	:NA	3)DEBASISH CHANDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems, methods, and computer readable media for upgrading electronic devices are provided. An exemplary method executed by a hardware processor may comprise providing a management agent on an electronic device for communicating with one or more device drivers associated with the electronic device. The management agent may be installed, for example, using a downloaded upgrade package. The method may further comprise upgrading the one or more device drivers to enable a direct connection between the management agent and the one or more device drivers. This direct connection, in some embodiments, may enable the management agent to access, using the one or more device drivers, persistent storage associated with the electronic device. The method may further comprise providing a new boot loader to the management agent, and overwriting, by the management agent, an existing boot loader in the persistent storage with the received new boot loader, using the device drivers.

No. of Pages : 34 No. of Claims : 20

(21) Application No.2909/CHE/2014 A

(43) Publication Date : 27/06/2014

(21) Application No.2208/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(54) Title of the invention : ANTI-CRIME DEVICE IN AUTOMOBILES

(43) Publication Date : 27/06/2014

(51) International classification	:g08b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHAIK BADE SAHEB
(32) Priority Date	:NA	Address of Applicant :H. NO. 2-2-55/6, RAHAT NAGAR
(33) Name of priority country	:NA	AMBERPET, HYDERABAD - 500 013 Andhra Pradesh India
(86) International Application No	:NA	2)S.A. KHADER SAHEB
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHAIK BADE SAHEB
(61) Patent of Addition to Application Number	:NA	2)S.A. KHADER SAHEB
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a crime preventing mechanism for the safety and security of the would be victims of kidnaps, murders and other crimes, including crime against womens modesty in any moving automobile. The current invention uses a different type of switching mechanism to meet the security demand of the passengers inside the vehicles while travelling.

No. of Pages : 8 No. of Claims : 6

(21) Application No.2844/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : EXTRACTS OF PITHECELLOBIUM DULCE (BENTH) FRUIT PEEL AND USE THEREOF AS ANTI-DIABETIC FORMULATION

(51) Intermetional classification	126/00	(71)Nome of Applicant .
(51) International classification	:a01K30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHUBASHINI K. SRIPATHI
(32) Priority Date	:NA	Address of Applicant :PLOT NO 4/7, HOUSE NO. 8, SAI
(33) Name of priority country	:NA	SHREE APARTMENTS, MANIAM KALIAPA STREET, K. K.
(86) International Application No	:NA	PUDUR, COIMBATORE - 641 038 Tamil Nadu India
Filing Date	:NA	2)TIRUCHENGODE ARUMUGAM SUKANTHA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHUBASHINI K. SRIPATHI
Filing Date	:NA	2)TIRUCHENGODE ARUMUGAM SUKANTHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an herbal formulation for the treatment and control of diabetes and associated complications, and comprising of extracts from selected Indian medicinal herbs which are proven to be safe and non-toxic, particularly comprising of standardized extracts of the plant Pithecellobium dulce (Benth) fruit peel, Syzygium cumini {Myrtaceae} seed and Aloe barbadensis (Liliaceae) sap. The extracts showed significant antidiabetic activity assessed by in-vitro a- amylase inhibition and in-vivo animal model. The extract of Pithecellobium dulce fruit peel contains pinitol a non-toxic molecule mimetic insulin activity and control the blood glucose level in diabetic animal. The herbal formulation comprising Pithecellobium dulce fruit peel containing pinitol as the major component and thus exhibit good antidiabetic activity.

No. of Pages : 27 No. of Claims : 10

ATION (21) Application No.2845/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PROPULSION SYSTEM AND METHOD ADAPTED FOR NOISE SUPPRESSION AND THRUST AUGMENTATION

(51) International classification	:f02k	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDUKURI LAHARI SUMANTH VARMA
(32) Priority Date	:NA	Address of Applicant :# 12 B, RK Cineplex, Road Nr: 2,
(33) Name of priority country	:NA	Banjara Hills, Hyderabad Andhra Pradesh India
(86) International Application No	:NA	2)KOVELAMUDI RAGHAVENDRA RAO
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)INDUKURI LAHARI SUMANTH VARMA
(61) Patent of Addition to Application Number	:NA	2)KOVELAMUDI RAGHAVENDRA RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A propulsion system and method adapted for noise suppression and thrust augmentation by utilizing a modified nozzle technique. An embodiment of the modified nozzle technique is to suppress noise and to increase thrust in a jet engine. The modified nozzle for promoting mixing of the discharge flow with ambient air includes an additional inlet connected to the diffuser arranged asymmetrically at discharge nozzle of the jet engine. For promoting mixing of the discharge flow with ambient. For promoting mixing of the discharge flow with ambient air includes an additional inlet connected to the diffuser arranged asymmetrically at discharge nozzle of the jet engine. For promoting mixing of the discharge flow with ambient air, lobed mixer is used which amplifies the thrust, thrust specific fuel consumption and propulsion efficiency without losing the primary thrust. Jet noise perceived is reduced substantially without shifting the noise spectrum to include a higher proportion of piercing and exasperate high frequency noise components. The noise is reduced by mixing the core flow with ambient air flow to the additional nozzle which amplifies the thrust without losing the primary thrust.

No. of Pages : 18 No. of Claims : 16

(21) Application No.2852/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : PORTABLE DENTAL DEVICE		
(51) International classification(31) Priority Document No	:a61C :NA	(71)Name of Applicant : 1)R. SANDEEP
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA : NA	Address of Applicant :DEPT. OF PEDODONTICS, GOVT. DENTAL COLLEGE, FORT, BANGALORE - 560 002 Karnataka India (72)Name of Inventor : 1)R. SANDEEP
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Portable dental device comprises mainly three parts, generating part(G) which comprises generating cylinder(Cl) and equilising cylinders(G18,G23), controlling part(C)comprises gas flow regulators(C3,C4,C5,C6,C7,C8,C9), vibration regulator(VR), one way valves(C15,C16,C17), water containers(C18,C22), suction collector(C23) and these are interconnected by the connecting tubes(C10,C20,C19,C26,E16). External operating part(E) comprises vibrator(V), semirotor(S), irrigating tube(E13) and suction tube(E14). This mechanism results in optimum energy formation in the form of alternate compression and expansion of gas. This energy is utilized to operate the device.

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

(21) Application No.2853/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : EXTRA ORAL HABIT BREAKING APPLIANCE WITH REMINDER		
(51) International classification	:g08b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S.K. SRINATH
(32) Priority Date	:NA	Address of Applicant : ASSOCIATE PROF. DEPT. OF
(33) Name of priority country	:NA	PEDODONTICS, GOVT. DENTAL COLLEGE, FORT,
(86) International Application No	:NA	BANGALORE - 560 002 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M.S. RANI
(61) Patent of Addition to Application Number	:NA	2)S.K. SRINATH
Filing Date	:NA	3)R. SANDEEP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Extra oral habit breaking appliance with reminder comprises two parts namely extra oral appliance(E) which is adapted to the thumb, mainly comprises four contact heads(1,2,3,and4) and contact ring(5) which are made by stainless steel and fixed to the acrylic ring(A) and Reminder(R) part which is worn on a strap round the wrist, comprises alarm device(D) and battery(B), adapted within the cartoon designed watch(W). Both parts are connected by two connecting wires(9andlO). This mechanism helps to break the habit of thumb suction.

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

(21) Application No.2162/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : GSM BASED SECURITY SYSTEM WITH AUTOMATIC THEFT INFORMATION TO CONTROL ROOM AND EXIT LOCK FOR SEIZING THE ILLEGAL PERSON

	0.01	
(51) International classification	:g08b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)D. RADHAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :65, PAPPANACKENPALAYAM,
(33) Name of priority country	:NA	NAJUNDAPURAM(P), KOVAI NORTH(TK),
(86) International Application No	:NA	COIMBATORE(DT) Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D. RADHAKRISHNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Vibration Sensor: When any of the following attempts are made: > An attempt to enter the ATM Kiosk/Locker and damage/hide the CCTV Camera. > Blow the ATM/Locker with a hard object/weapon > Bore the ATM/Locker with Drilling Machine The Vibration Sensor detects and sends the signal as unauthorized entry to the microcontroller. The signi is from Vibration sensor are so accurate to detect even a minor vibration. The sensor is designed to send an Short Message Service (SMS) alert to mobiles with the information containing the details of the ATM Kiosk/Locker, current date and time to the Bank Personnel and the P³lice Control Room. the vibration sensor sends signal to run the motor (AC Gear Motor) thereby activating the relay, which is in contact with the motor. This in turn automatically scrolls down the shutter thereby trapping the intruder within the ATM.

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

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.610/KOL/2014 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : SPARSHA DRISTHI

(51) International classification	:E01C5/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAYANTA BHUSAN DEVA RAYA
(32) Priority Date	:NA	Address of Applicant : JAYANTA BHUSAN DEVA RAYA
(33) Name of priority country	:NA	HITECH PLAZA, BLOCK NO-B6, 2ND FLOOR, FLAT NO-15,
(86) International Application No	:NA	SUNDARPADA, POST-KUHA, DIST-KHURDA-751002,
Filing Date	:NA	ODISHA, INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAYANTA BHUSAN DEVA RAYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a methodology for the blind person to draw and paint and in particular, this invention relates to a methodology for the blind person to draw and paint by touching and fill the drawing and painting. More particularly, this present invention relates to a methodology for the blind person by touching the colour, the blind could distinguish the colour, white from black, red, blue, green, yellow etc, then the blind could draw and paint. This invention also relates to the methodology which can be carried and kept by the blind person conveniently, realize accurate and convenient line feed positioning in the painting process and obviously simplify drawing and painting operation process.

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

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:

(19) INDIA

(22) Date of filing of Application :20/06/1996

(21) Application No.1353/DEL/1996 A(43) Publication Date : 27/06/2014

(54) Title of the invention : AN IMPROVED V	ERTICAL PROP FOR SUPPO	RTING MINE & TUNNEL ROOFS
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(51) International classification	:E21D 15/44	(71)Name of Applicant : 1)NATIONAL RESEARCH DEVELOPMENT
(31) Priority Document No	:NA	CORPORATION
(32) Priority Date	:NA	Address of Applicant : ANUSANDHAN VIKAS, 20-
(33) Name of priority country	:NA	22,ZAMROODPUR COMMUNITY CENTRE,KAILASH
(86) International Application No	:NA	COLONY EXTENSION, NEW DELHI-110 048, A GOVT OF
Filing Date	:NA	INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SIBNATH MAITY
Filing Date	:NA	2)BHARAT BHUSHAN DHAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved vertical prop for supporting the mine & tunnel roofs, comprises two cylindrical steel tubes (2,9), bottom tube (2) having a smooth internal surface, provided with a plate (1) at bottom end of the tube for support on the mine floor, the other end of the tube (2) being open and having an extended rim around its top periphery, bottom tube (2) also being provided at its upper portion with two studs (3) placed dimetrically opposite to each other, tube (9) having an external diameter less than the internal diametoof tube (2) such that it is capable of sliding inside tube (2) telescopically, tube (9) being provided with threads on its outer surface, tube (9) also being provided with crown (10) at its top end for supporting the mine/tunnel roof, tube (2) being provided on its upper rim with a clamp (5) having two halves of the clamp (5) being circular in shape, the other end of both halves of the hinged clamp (5) having elongated portion provided with locks (11,12) and wedge (6) for locking the clamp (5) around tube (9) by pins (4,13) said lamp being provided for opening the clamp (5) remotely through a rod with hook (22) and a handle (23), a platform (18) having locking member (19) being removably fixed on studs (3) of tube (2) for placing twin jacks (14), top tube (9) being provided with a threaded locknut (7) and a flat nut (8) above the locknut fitted onto the outer threads with help of its matching inside threads, a tube holder plate (20) having two halves with locking members (221) being provided for removably fixing on tube (9) under the flat nut (8), the tube holder (20) being provided with matching dimensions for accommodating the rams of the twin jacks (14), the twin jacks (14) having pressure gauge (16) and interconnecting rod (15) being connected with an in-built hydraulic pump (17).

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

(19) INDIA

(22) Date of filing of Application :18/10/2012

(21) Application No.3237/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DOUBLING THE CAPACITY OF LENS-BASED SWITCHED BEAM ANTENNA 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 	:H01Q19/06 :13/333844 :21/12/2011 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)RAYTHEON COMPANY Address of Applicant :870 Winter Street Waltham MA 02451-1449 U.S.A. (72)Name of Inventor : 1)JOEL C. ROPER 2)KEVIN W. OMMODT 3)JAMES D. HILL
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(57) Abstract :

A lens-based switched beam antenna system including a beam-forming lens, and a beam port router coupled to the beam-forming lens, including a plurality of beam ports, and configured to transmit beams via corresponding ones of the beam ports, wherein a first group of the beam ports corresponds to a first signal, and wherein a second group of the beam ports corresponds to a second signal.

No. of Pages : 23 No. of Claims : 16

(21) Application No.3238/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : POSITION REGULATING APPARATUS FOR ENGINE OPERATING MACHINE

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:2011- 231736	1)HONDA MOTOR CO. LTD. Address of Applicant :1-1 Minami-Aoyama 2-chome Minato-
(32) Priority Date	:21/10/2011	ku Tokyo 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YUUKI TAKAHASHI
Filing Date	:NA	2)TAKESHI SASAJIMA
(87) International Publication No	: NA	3)KATSUHIRO NAKAGAWA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE PRESENT INVENTION IS DIRECTED TO ENABLE THE SHAPE OF A BUMP STOPPER TO BE EASILY CHANGED IN ACCORDANCE WITH A CHANGE IN SPECIFICATIONS, THE BUMP STOPPER FOR PERFORMING POSITION REGULATION SO THAT, WHEN AN ENGINE GENERATOR SHAKES, THE GENERATOR 5 BODY DOES NOT COME OFF FROM AN EXTERNAL FRAME. A POSITION REGULATING APPARATUS HAS A GENERATOR BODY (4) MADE OF AN ENGINE (2) AND A GENERATOR (3) DRIVEN BY THE ENGINE, AND A FRAME (7) SURROUNDING THE PERIPHERY OF THE GENERATOR BODY (4). THE FRAME (7) IS PROVIDED WITH A BUMP STOPPER (40) AS A ROD MEMBER. THE BUMP STOPPER (40) IS ATTACHED TO A HOUSING (70) OF THE ENGINE (2) AND DISPOSED HORIZONTALLY. THE BUMP 10 STOPPER (40) REGULATES THE POSITION IN THE HORIZONTAL DIRECTION OF THE GENERATOR BODY (4) WITHIN A PRESET RANGE. RECEIVING PLATES (60) DISPOSED SO AS TO FACE BOTH END FACES OF THE STOPPER BODY (41) ARE PROVIDED. THE ROUND BAR AS THE BODY (41) OF THE BUMP STOPPER (40) HAS A CRANK SHAPE WHICH REDUCES AN IMPACT BY GENERATING BENDING MOMENT.

No. of Pages : 28 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/10/2012

(21) Application No.3151/DEL/2012 A

(43) Publication Date : 27/06/2014

(51) International classification :A61B (71)Name of Applicant : :13/269,899 (31) Priority Document No 1) ETHICON ENDO-SURGERY INC. (32) Priority Date :10/10/2011 Address of Applicant :4545 Creek Road Cincinnati OH (33) Name of priority country :U.S.A. 45242 U.S.A. (86) International Application No :NA (72)Name of Inventor : Filing Date :NA **1)CHAD P. BOUDREAUX** (87) International Publication No 2)KEVIN L. HOUSER : NA (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 : ULTRASONIC SURGICAL INSTRUMENT WITH MODULAR END EFFECTOR

(57) Abstract :

A surgical instrument having a transmission assembly, a transducer, and a handle assembly is configured for coupling the transmission assembly to the handle assembly using a locking mechanism. The locking mechanism is operable to restrict the rotational movement of an actuator coupling member and the transducer relative to the handle assembly. The locking mechanism may also be operable to lock a trigger of the handle assembly in a first position. An inner tubular actuating member of the transmission assembly may be threadably attachable to the actuator coupling member or the actuator coupling member or a flared portion of the inner tubular actuating member. A waveguide of the transmission assembly may also be threadably attachable to the transducer. In one alternative, the trigger may be configured to operate the locking mechanism, either in the first position or when pivoted distally to a third position.

No. of Pages : 53 No. of Claims : 20

(21) Application No.3152/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SURGICAL INSTRUMENT WITH TRANSDUCER CARRIER ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B :13/269,875 :10/10/2011 :U.S.A. :NA :NA	,
 (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 :NA	2)SORA RHEE 3)SAMANTHA L. SHEETS 4)DANIEL J. MUMAW 5)CRAIG T. DAVIS

(57) Abstract :

A SURGICAL INSTRUMENT INCLUDES AN ULTRASONIC TRANSDUCER, A BODY, AND A TRANSDUCER CARRIER ASSEMBLY. THE ULTRASONIC TRANSDUCER IS OPERABLE TO DELIVER ENERGY THROUGH THE SURGICAL INSTRUMENT TO A SURGICAL SITE. THE BODY IS OPERABLE TO HOUSE THE ULTRASONIC TRANSDUCER . THE THE TRANSDUCER CARRIER ASSEMBLY IS IN COMMUNICATION WITH THE BODY AND THE ULTRASONIC TRANSDUCER. THE TRANSDUCER CARRIER ASSEMBLY IS OPERABLE TO ENABLE THE TRANSLATION AND/OR THE ROTATION OF THE ULTRASONIC TRANSDUCER WITHIN THE BODY.

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

(21) Application No.3153/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SURGICAL INSTRUMENT WITH CLUTCHING SLIP RING ASSEMBLY TO POWER ULTRASONIC TRANSDUCER

	1101012/15	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:13/269,883	1)ETHICON ENDO-SURGERY INC.
(32) Priority Date	:10/10/2011	Address of Applicant :4545 Creek Road Cincinnati OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DANIEL J. MUMAW
(87) International Publication No	: NA	2)DAVID A. WITT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical system includes a power supply, a connector, and a surgical instrument having a body assembly, a transmission assembly, a transducer , and a connection assembly . The connection assembly is configured to selectively electrically couple electrodes on the transducer with wires of the connector. The connection assembly may be operable in response to actuation of a trigger. Various connection assemblies include an extensible member that extends to contact an electrode, a rotatable member that rotates a contact into contact with an electrode, a solenoid that extends contacts coupled to each end of the solenoid into the electrodes, or a solenoid that translates a frame having contacts towards the electrodes . Alternatively , the surgical instrument may include a connection assembly having a slip ring and a weighted cable end. Sil ll further, the connection assembly may include contacts on a coupleable member that may be decoupled from contacts on the transducer.

No. of Pages : 51 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :23/10/2012

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NUMB CONTROL CHATTER

(21) Application No.3280/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PUMP CONTROL SYSTEM			
(51) International classification	:F04D15/02	(71)Name of Applicant :	
(31) Priority Document No	:2011- 240230	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME,	
(32) Priority Date	:01/11/2011	CHIYODA-KU, TOKYO 100-8280, JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NĀ	1)TAKAHASHI SHINSUKE	
Filing Date	:NA	2)ADACHI SHINGO	
(87) International Publication No	: NA	3)KURISU HIROMITSU	
(61) Patent of Addition to Application Number	:NA	4)TADOKORO HIDEYUKI	
Filing Date	:NA	5)YASUTOMI HIROYOSHI	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A storage unit configured to store an operating number judging table determining the number of pumps to be operated 5 in accordance with a distributed water flow rate and a discharge pressure and a flow rate distributing table determining distribution of the distributed water flow rate to each pump in accordance with the number of pumps, the distributed water flow rate, and the discharge pressure; an operating number 10 judging unit configured to refer to the operating number judging table and determine the number of pumps to be operated based on the distributed water flow rate and the discharge pressure; a distributed water flow rate calculating unit configured to calculate distributed water flow rate flow rate flow rate to 15 each pump based on the number of pumps to be operated, the distributed water flow rate determined by the flow rate distributing table, and the discharge pressure; and a target rotating number calculating unit configured to set a target rotating number of each pump based on the number of pumps to 20 be operated, which is stored in the operating number judging table and the distributed water flow rate to each pump, which is acquired by the distributed water flow rate to each pump.

No. of Pages : 56 No. of Claims : 12

(21) Application No.126/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A TOWER CRANE (51) International classification :B66C23/00 (71)Name of Applicant : (31) Priority Document No :NA 1)ACTION CONSTRUCTION EQUIPMENT LTD (32) Priority Date :NA Address of Applicant :KHATONI NO. 433,MIN NO.535, (33) Name of priority country :NA REVENUE AREA, PLANT-4, DHUDHOLA LINK ROAD, DHUDHOLA, PALWAL-121102, HARYANA India (86) International Application No :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No :NA **1)ASHOK GUGLANI** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA (57) Abstract :

This invention relates to a tower crane comprising of a mast providing height to the crane attached to slewing unit for rotation of crane wherein said slewing unit is connected with horizontal jib, counter jib and tower head on its top. Currently available cranes cant lift load to good height. Hence, it cant be used for lifting/conveying any load/material to high elevation. However, said tower crane of the instant invention can address the aforesaid drawbacks. Tower crane is mostly use in place where vertical height is prime concern such as housing projects in buildings and civil construction, bridges, dams, power plants, metros, overhead water tanks, mines, cement plants, refineries.

No. of Pages : 28 No. of Claims : 9

(21) Application No.3217/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SELF-PROPELLING CONSTRUCTION MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23B :10 2011 116 268.6 :19/10/2011 :Germany :NA :NA	 (71)Name of Applicant : 1)WIRTGEN GMBH Address of Applicant :REINHARD-WIRTGEN-STRAE 2, 53578 WINDHAGEN (DE) Germany (72)Name of Inventor : 1)VON SCHONEBECK, WINFRIED 2)SCHWIPPERT, SASCHA
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	3)BARIMANI, CYRUS 4)HAHN, GUNTER
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

THE INVENTION RELATES TO A SELF-PROPELLING CONSTRUCTION MACHINE WHICH HAS A CHASSIS 1 WHICH HAS WHEELS OR CRAWLER TRACK UNITS 1 A, IB. THE CONSTRUCTION MACHINE ACCORDING TO THE INVENTION IS DISTINGUISHED BY THE FACT THAT THE GEAR MECHANISM SYSTEM 6 FOR TRANSMITTING THE DRIVE POWER FROM THE DRIVE UNIT 5, WHICH COMPRISES AT LEAST ONE INTERNAL COMBUSTION W ENGINE 5A, TO THE WORKING UNIT 4, WHICH COMPRISES AT LEAST ONE WORKING ASSEMBLY 4A, DOES NOT HAVE A CONVENTIONAL CLUTCH WITH WHICH THE WORKING UNIT CAN BE ACTIVATED BUT INSTEAD HAS A HYDRODYNAMIC GEAR MECHANISM 10 WHICH HAS A DRIVE SHAFT 10A AND AN OUTPUT SHAFT 10B. THE CONSTRUCTION MACHINE HAS A CONTROL DEVICE 16 WHICH IS EMBODIED IN SUCH A WAY THAT THE DRIVE POWER WHICH IS TRANSMITTED FROM THE DRIVE UNIT 5 TO THE WHEELS OF THE CRAWLER TRACK UNITS 1 A, IB VIA THE FIRST POWER TRANSMISSION LINE I IS CONTROLLED IN SUCH A WAY THAT THE ROTATIONAL SPEED DIFFERENCE A = N1 - N2 BETWEEN THE DRIVE SHAFT AND THE OUTPUT SHAFT OF THE HYDRODYNAMIC TRANSMISSION OF THE SECOND POWER TRANSMISSION LINE II CORRESPONDS TO A PREDEFINED VALUE.

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

(21) Application No.3219/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MIXER FOR PULP-AND FIBERCONTAINING BEVERAGES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01F15/02 :102011084720.0 :18/10/2011 :Germany	 (71)Name of Applicant : 1)KRONES AG Address of Applicant :BOHMERWALDSTR. 5 93073 NEUTRAUBLING Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ENGEL, ERWIN
(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 DEVICE FOR MIXING A PULP- AND/OR FIBER-CONTAINING FLUID WHICH COMPRISES AN APPARATUS FOR MOVING THE FLUID FREE FROM SHEARING. THE PRESENT INVENTION MOREOVER RELATES TO A CORRESPONDING METHOD.

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

(21) Application No.3287/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 27/06/2014

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(51) International classification	:F16L37/18	(71)Name of Applicant :
(31) Priority Document No	:1159652	1)STAUBLI FAVERGES
(32) Priority Date	:25/10/2011	Address of Applicant :Place Robert Staubli F-74210
(33) Name of priority country	:France	FAVERGES / FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALAIN-CHRISTOPHE TIBERGHIEN
(87) International Publication No	: NA	2)CHRISTOPHE DURIEUX
(61) Patent of Addition to Application Number	:NA	3)IGOR BAHNO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COUPLING DEVICE, AND CONNECTOR INCLUDING SUCH A DEVICE

(57) Abstract :

THIS INVENTION RELATES TO A COUPLING DEVICE (10) SUITABLE FOR TRANSFERRING PRESSURIZED FLUIDS BY BEING COUPLED WITH A COUPLING ELEMENT (2). THE COUPLING DEVICE (10) INCLUDES AN END PIECE 5 BODY (30) HAVING A BEARING PORTION AND DELIMITING AN INTERNAL FLUID FLOW CHANNEL IN THE COUPLING DEVICE (10), AN END PIECE RING (20) PROVIDED WITH AN INNER CAVITY (24) GLOBALLY EXTENDING ALONG A LONGITUDINAL AXIS (X50) AND WHICH IS ISOLATED FROM THE INTERNAL FLOW CHANNEL OF THE FLUID, AS WELL AS A THREADED RADIAL SURFACE, AND MEANS (40) FOR DISPLACING THE END PIECE BODY (30), IN AT LEAST ONE FORWARD DIRECTION (D1) PARALLEL TO THE LONGITUDINAL AXIS (X50) OF THE 10 END PIECE RING (20), INSIDE THE INNER CAVITY (24) OF SAID END PIECE RING (20). THE COUPLING DEVICE (10) ALSO INCLUDES AN INTERMEDIATE MEMBER (60) HAVING A BODY (61) EXTENDING ALONG A LONGITUDINAL AXIS (X60) AND WHICH IS PROVIDED WITH A RADIAL SURFACE HAVING AN EXTERNAL THREAD COMPLEMENTARY TO THE EXTERNAL THREAD OF THE END PIECE RING (20), AND A LOCKING MECHANISM (70) MOVABLE BETWEEN, ON THE ONE HAND, A POSITION BLOCKING THE COUPLING ELEMENT (2) 15 INTRODUCED INTO THE INTERMEDIATE MEMBER (60) WITH RESPECT TO SAID INTERMEDIATE MEMBER (60), IN AT LEAST ONE FORWARD DIRECTION PARALLEL TO THE LONGITUDINAL AXIS (X60) OF THE BODY (61) AND, ON THE OTHER HAND, A POSITION WHERE THE LOCKING MECHANISM (70) ALLOWS FOR THE WITHDRAWAL OF THE COUPLING ELEMENT (2) FROM SAID INTERMEDIATE MEMBER (60). THE BEARING PORTION OF THE END PIECE BODY (30) IS CAPABLE OF COMING INTO SEALING CONTACT WITH THE COUPLING ELEMENT (2).

No. of Pages : 29 No. of Claims : 17

(21) Application No.3252/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COIL BIOABSORBABLE STENTS		
 (51) International classification (31) Priority Document No (32) Priority Date (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 :13/476,336 :21/05/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA :NA	

(57) Abstract :

THE INVENTION AN EXPANDABLE, BIOABSORBABLE STENT HAVING A COILED-COIL CONFIGURATION IS DESCRIBED. THE STENT FURTHER COMPRISES REGIONS OF VARIABLE PITCH THAT ALLOW FOR VARIATION IN EITHER RIGIDITY, OR VARIABILITY DIAMETER WITHIN SUB-REGIONS ALONG THE LENGTH OF THE DEPLOYED STENT. BY VARYING THE DIAMETER ALLOWS THE STENT TO EXTEND INTO REGIONS SUCH AS BRANCHED VESSELS, OR INTO THE NECK OF ANEURYSMS. IN SOME EMBODIMENTS, THE STENT COMPRISES LONGITUDINAL SUPPORT FIBERS THAT RUN SUBSTANTIALLY THE LENGTH OFTHE DEPLOYED STENT TO PROVIDE ADDITIONAL STRENGTH. IN ADDITION, THE STENT MAY ALSO COMPRISE REGIONAL SUPPORT FIBERS THAT RUN LESS THAN THE LENGTH OF THE STENT, AND WHICH PROVIDE INCREASED REGIONAL STRENGTH WHILE PERMITTING FLEXIBILITY OF THE STENT. THE STENT FURTHER COMPRISES MICRO-TUBES THAT ARE CONFIGURED TO BE VISIBLE USING MEDICAL IMAGING TECHNIQUES. THE STENT CAN BE MANUFACTURED FROM MATERIALS THAT ARE BIOABSORBABLE AND/OR INCLUDE THE ABILITY TO RELEASE PHARMACOLOGICALLY ACTIVE SUBSTANCES OVER TIME.

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

(19) INDIA

(22) Date of filing of Application :19/10/2012

(21) Application No.3253/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : COARSE SEGMENTED DETECTOR ARCHITECTURE AND METHOD OF MAKING SAME

	C01T1/00	
(51) International classification	:G01T1/00	(71)Name of Applicant :
(31) Priority Document No	:13/288,138	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:03/11/2011	Address of Applicant :1 RIVER ROAD SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IKHLEF, ABDELAZIZ
(87) International Publication No	: NA	2)KAUTZER, JEFFREY ALAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Invention A CT system includes a rotatable gantry having an opening to receive an object to be scanned, the rotatable gantry having a detector mounting surface, an x-ray source attached to the gantry and configured to project an x-ray beam toward the object, a plurality of detector modules each mounted within one field-of-view (FOY) and mounted directly to the detector mounting surface of the rotatable gantry, a data acquisition system (DAS) configured to receive outputs from at least one of the plurality of detector modules, and a computer programmed to acquire projections of imaging data of the object from the DAS, and generate an image of the object using the imaging data.

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

(21) Application No.3254/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : FUEL TANK OF MOTORCYCLE			
(51) International classification	:B23B	(71)Name of Applicant :	
(31) Priority Document No	:2011-	1)SUZUKI MOTOR CORPORATION	
(51) I Holity Document No	238654	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-	
(32) Priority Date	:31/10/2011	KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)OTAKI HIROYUKI	
Filing Date	:NA	2)FUKUTOMI NAOKI	
(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 motorcycle is provided with a fuel tank including a tank main body and a breather device installed on a tank main body having a fuel storage space to store fuel. The breather device is provided with a hollow housing mounted on an upper surface portion of the tank main body so as to protrude upward, and a breather pipe passing through the fuel storage space of the tank main body and having one end portion extending inside the hollow housing from the tank main body and another end portion extending outside the tank main body. The hollow housing of the breather device is formed with a through hole communicating between the fuel storage space of the tank main body and the inner space of the housing, and the one end of the breather pipe has an opened end facing a ceiling surface of the housing. -

No. of Pages : 36 No. of Claims : 8

(21) Application No.4921/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CATALYST AND METHOD FOR PRODUCING AN AMINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07C :09177914.0 :03/12/2009 :EPO :PCT/EP2010/068375 :29/11/2010 : NA :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)KUBANEK PETR 2)MAGERLEIN WOLFGANG 3)MELDER JOHANN PETER 4)HEIDEMANN THOMAS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE INVENTION RELATES TO A METHOD FOR PRODUCING AN AMINE BY REACTING A PRIMARY OR SECONDARY ALCOHOL, ALDEHYDE AND/OR KETONE WITH HYDROGEN AND A NITROGEN COMPOUND, SELECTED FROM THE GROUP CONTAINING AMMONIA AND PRIMARY AND SECONDARY AMINES, IN THE PRESENCE OF A SUPPORTED CATALYST THAT CONTAINS COPPER, NICKEL AND COBALT. ACCORDING TO THE INVENTION, THE CATALYTICALLY ACTIVE MASS OF THE CATALYST, PRIOR TO THE REDUCTION OF THE SAME USING HYDROGEN, CONTAINS OXYGEN-CONTAINING COMPOUNDS OF ALUMINIUM, COPPER, NICKEL AND COBALT AND AN AMOUNT RANGING BETWEEN 0.2 AND 5.0 WT. % OF OXYGEN-CONTAINING COMPOUNDS OF TIN, CALCULATED AS SNO. THE INVENTION ALSO RELATES TO CATALYSTS DEFINED AS ABOVE.

No. of Pages : 35 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :18/10/2012

(21) Application No.3244/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : REFRIGERATION COM		
(51) International classification	:F25B1/02	(71)Name of Applicant :
(31) Priority Document No	:11/59476	1)DANFOSS COMMERCIAL COMPRESSORS
(32) Priority Date	:20/10/2011	Address of Applicant :ROUTE DEPARTMENTALE 28, ZI
(33) Name of priority country	:France	LIEUDIT LES COMMUNAUX REYRIEUX, 06100 TREVOUX,
(86) International Application No	:NA	FRANCE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BONNEFOI, PATRICE
(61) Patent of Addition to Application Number	:NA	2)DUGAST, PHILIPPE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The refrigeration compressor according to the invention comprises a sealed enclosure containing a compression stage (7) and provided with a refrigerant inlet and outlet (6, 18), the compressor being configured such that under usage conditions, a flow of refrigerant circulates through the refrigerant inlet, the compression stage, and the refrigerant outlet. The compressor has an oil pan (24) and oil recirculation means arranged to orient the oil contained in the oil pan into the flow of refrigerant when the oil in the oil pan exceeds a predetermined oil level (34). The recirculation means include a recirculation line (35) housed in the sealed enclosure and comprising an inlet port (36) situated at a height substantially corresponding to the predetermined oil level, an outlet port (37) emerging in the refrigerant flow, and an intermediate part (38) connecting the inlet and outlet ports. The intermediate part (38) includes a first portion (38a) extending below the predetermined oil level (34).

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

(19) INDIA

(22) Date of filing of Application :25/10/2012

(21) Application No.3300/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : EPICYCLIC GEAR TRAIN FOR AN AIRCRAFT CAPABLE OF HOVERING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23B :11425316.4 :30/12/2011 :EPO :NA :NA	 (71)Name of Applicant : 1)AGUSTAWESTLAND S.P.A. Address of Applicant :520, FRAZIONE CASCINA COSTA - VIA GIOVANNI AGUSTA, SAMARATE, ITALY (72)Name of Inventor : 1)GASPARINI GIUSEPPE
(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 :

EPICYCLIC GEAR TRAIN FOR AN AIRCRAFT CAPABLE OF HOVERING AN EPICYCLIC GEAR TRAIN, FOR AN AIRCRAFT (1) CAPABLE OF HOVERING, HAVING A SUN GEAR (7) ROTATING ABOUT A FIRST 5 AXIS (A); A FIXED RING GEAR (9) POSITIONED COAXIALLY WITH THE FIRST AXIS (A) AND RADIALLY OUTWARDS WITH RESPECT TO THE SUN GEAR (7); A NUMBER OF PLANET GEARS (11), WHICH ARE INTERPOSED BETWEEN AND MESH WITH THE SUN GEAR (7) AND THE RING GEAR (9), AND ROTATE ABOUT 10 RESPECTIVE SECOND AXES (B), IN TURN REVOLVING ABOUT THE FIRST AXIS (A); AND LUBRICANT FEED MEANS (16); THE FEED MEANS (16) HAVING A NUMBER OF NOZZLES (17) ARRANGED ABOUT THE FIRST AXIS (A) AND THE SUN GEAR (7) TO PRODUCE AN ANNULAR FLOW (F) OF LUBRICANT.

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

(21) Application No.5314/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITION COMPRISING MICROCAPSULES

(57) Abstract :

THE PRESENT APPLICATION RELATES TO A LIQUID DETERGENT COMPOSITION COMPRISING LESS THAN 20% BY WEIGHT WATER, 10% TO 89.9 % OF ONE OR MORE COMPONENTS COMPRISING ALKYL OR ALKENYL CHAINS HAVING MORE THAN 6 CARBONS, 10% TO 60% BY WEIGHT OF WATER-MISCIBLE ORGANIC SOLVENT HAVING A MOLECULAR WEIGHT GREATER THAN 70 AND PERFUME MICROCAPSULES, WHEREIN THE PERFUME CONTAINED WITHIN THE MICROCAPSULES COMPRISES I) 1 % TO 30% OF THE PERFUME RAW MATERIALS HAVE CLOGP LESS THAN 3 AND BOILING POINT LESS THAN 250C AND II) MORE THAN 70% OF THE PERFUME RAW MATERIALS ARE SELECTED FROM THE GROUP CONSISTING OF THOSE HAVING CLOGP GREATER THAN 3 OR CLOGP LESS THAN 3, WITH A BOILING POINT OF GREATER THAN 250°C.

No. of Pages : 29 No. of Claims : 10

(21) Application No.5316/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HYDROPROCESSING BULK CATALYST AND METHODS OF MAKING THEREOF

(51) International classification	:B01J31/02,B01J27/04,B01J37/20	(71)Name of Applicant :
(31) Priority Document No	:12/625,368	1)CHEVRON U.S.A. INC.
(32) Priority Date	:24/11/2009	Address of Applicant :6001 Bollinger Canyon Road San
(33) Name of priority country	:U.S.A.	Ramon California 94583 U.S.A.
(86) International Application	:PCT/US2010/057031	2)MIRONOV Oleg
No	:17/11/2010	3)KUPERMAN Alexander E.
Filing Date	.17/11/2010	4)HAN Jinyi
(87) International Publication	:WO 2011/066150	(72)Name of Inventor :
No		1)MIRONOV Oleg
(61) Patent of Addition to	:NA	2)KUPERMAN Alexander E.
Application Number	:NA	3)HAN Jinyi
Filing Date	.1 17 1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1.12.2	

(57) Abstract :

A HYDROPROCESSING BULK CATALYST IS PROVIDED. A PROCESS TO PREPARE HYDROPROCESSING BULK CATALYSTS IS ALSO PROVIDED. THE HYDROPROCESSING CATALYST HAS THE FORMULA (RP)I(MT)A(LU)B(SV)D(CW)E(HX)F(OY)G(NZ)H, WHEREIN M IS AT LEAST A D BLOCK ELEMENT METAL; L IS ALSO AT LEAST A D BLOCK ELEMENT METAL, BUT DIFFERENT FROM M; T, U, V, W, X, Y, Z REPRESENTING THE TOTAL CHARGE FOR EACH OF THE COMPONENTS (M, L, S, C, H, O AND N, RESPECTIVELY); R IS OPTIONAL AND IN ONE EMBODIMENT, R IS A LANTHANOID ELEMENT METAL; 0 <= I <= 1; PI+TA+UB+VD+WE+XF+YG+ZH=0; 0 < B; 0 < B / A = < 5; 0.5 (A + B) <= D <= 5(A + B); 0 < E <= 11(A+B); 0 < F <= 7(A+B); 0 < G <= 5(A + B); 0 < H <= 2(A + B). THE CATALYST HAS AN X-RAY POWDER DIFFRACTION PATTERN WITH AT LEAST THREE DIFFRACTIONS PEAK LOCATED AT 2-T ANGLES OF GREATER THAN 25°. IN ONE EMBODIMENT, THE CATALYST IS PREPARED BY FORMING AT LEAST A SULFIDED CATALYST PRECURSORS FROM AT LEAST TWO D BLOCK ELEMENT METALS; AND MIXING THE CATALYST PRECURSOR WITH A HYDROCARBON COMPOUND TO FORM THE HYDROPROCESSING CATALYST COMPOSITION. IN ANOTHER EMBODIMENT, THE CATALYST IS PREPARED BY THE THERMAL DECOMPOSITION OF AN OIL DISPERSIBLE SULFUR CONTAINING ORGANIC METAL PRECURSOR UPON CONTACT WITH A HYDROCARBON OIL, GENERATING A SLURRY CATALYST. IN YET ANOTHER EMBODIMENT, THE CATALYST IS PREPARED FROM AN IN-SITU OR EX-SITU SULFIDATION OF D BLOCK ELEMENT METAL PRECURSORS IN A SOLVENT CARRIER.

No. of Pages : 68 No. of Claims : 58

(21) Application No.3204/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(54) Title of the invention : CONTROL DEVICE FOR A CABLED RANGE CORRECTOR

(43) Publication Date : 27/06/2014

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:1159334	1)AML SYSTEMS
(32) Priority Date	:14/10/2011	Address of Applicant :6 Place de la Madeleine 75008 Paris
(33) Name of priority country	:France	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WIDIEZ Stphane
(87) International Publication No	: NA	2)AUBRY Alexandre
(61) Patent of Addition to Application Number	:NA	3)KOULOUH Hassan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO A CONTROL DEVICE (7) FOR A CABLED RANGE CORRECTOR, COMPRISING A HOUSING (11) INSIDE WHICH THERE IS A TRANSLATION DRIVING MEANS (30) FOR TWO CABLES (8) WITHIN TWO SHEATHS (45) BEING INTEGRAL WITH THE HOUSING (11), SAID CONTROL DEVICE (7) FURTHER COMPRISING A POSITION SETTING MEMBER (21) FOR THE DRIVING MEANS (30) AND A CONNECTING MEANS (25) COOPERATING WITH THE DRIVING MEANS (30) AND ARRANGED TO TRANSMIT TO IT A MOVEMENT OF THE SETTING MEMBER (21), SUCH CONTROL DEVICE (7) BEING CHARACTERIZED BY THE FACT THAT THE DRIVING MEANS (30) IS INSERTED INTO THE CONNECTING MEANS (25), THE DRIVING MEANS (30) COMPRISING A THREADING COOPERATING WITH A TAPPING OF THE CONNECTING MEANS (25) SO AS TO GUARANTY THE TRANSMISSION OF SAID MOVEMENT OF THE SETTING MEMBER (21), SAID TWO CABLES (8) BEING ANCHORED IN THE DRIVING MEANS (30) IN AN AREA SURROUNDED BY SAID THREADING.

No. of Pages : 19 No. of Claims : 6

(21) Application No.3264/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRACTICAL IMPLEMENTATIONS OF AIRLINE OPERATIONS (MAINTENANCE) OPTIMIZATION BASED ON INTEGRATED VEHICLE HEALTH MANAGEMENT

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:1120308.0	1)GE AVIATION SYSTEMS LIMITED
(32) Priority Date	:24/11/2011	Address of Applicant : CHELTENHAM ROAD BISHOPS
(33) Name of priority country	:U.K.	CLEEVE CHELTENHAM GL52 8SF GLOUCESTERSHIRE
(86) International Application No	:NA	(GB) U.K.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DUNSDON, JONATHAN MARK
(61) Patent of Addition to Application Number	:NA	2)JOHNSON, CHRISTOPHER DONALD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An airline operations control system (130) for an airline having multiple aircraft and multiple routes formed by one or more flights where the airline operations control system (130) includes a computer searchable database (132) a query module (134) configured to query the database (132) and a prognostic module (150) and a method of controlling operation of the airline having the multiple aircraft and the multiple routes.

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

(21) Application No.3265/DEL/2012 A

(19) INDIA

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

(54) Title of the invention : A METHOD FOR IMPROVING WARM-UP AN ENGINE

(43) Publication Date : 27/06/2014

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:1119371.1	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:10/11/2011	Address of Applicant : SUITE 800, 330 TOWN CENTER
(33) Name of priority country	:U.K.	DRIVE, DEARBORN MICHIGAN 48126, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOWMAN, TIM JAMES
(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 is disclosed for heating a liquid supplied to an engine 5 of a motor vehicle 1 by a pump 10 when the temperature of the liquid is low thereby reducing the operating efficiency of the engine 5. The method comprises increasing pumping losses when heating. of the liquid is required and the motor vehicle 1 is decelerating. The increased pumping losses generate heat in the liquid passing through the pump 10 and are produced by restricting the outlet of liquid from the pump 10 by a flow control valve 12 or reducing the efficiency of the pump 10 by reconfiguration or adjustment of the pump 10 so as to increase pumping losses. In a preferred embodiment, heating of the liquid only occurs when services brakes 50 of the motor vehicle 1 have been applied.

No. of Pages : 22 No. of Claims : 17

(19) INDIA

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

(21) Application No.3266/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A THREE CYLINDER ENGINE WITH A DEACTIVATABLE CYLINDER (51) International classification :F03B (71)Name of Applicant : (31) Priority Document No :1119370.3 1)FORD GLOBAL TECHNOLOGIES, LLC (32) Priority Date :10/11/2011 Address of Applicant :SUITE 800, 330 TOWN CENTER DRIVE, DEARBORN MICHIGAN 48126, U.S.A. (33) Name of priority country :U.K. (86) International Application No :NA (72)Name of Inventor : **1)BOWMAN, TIM JAMES** Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A three cylinder inline reciprocating piston engine 5 is disclosed in which an inner cylinder 12 of the three cylinders 11, 12 and 13 is selectively deactivatable in order to improve fuel consumption or assist with engine heat-up by for example increasing the exhaust gas temperature thereby assisting with light-off of an exhaust gas aftertreatment device 20. The engine 5 has a flat plane crankshaft 40 having three throws 11T, 12T, 13T. The throws 11T, 13T for the two outer cylinders 11, 13 are in phase and the throw 12T for the inner cylinder 12 is 180 degrees out of phase. Th inner cylinder 12 is deativated by cutting off a fuel supply to the cylinder 12.

No. of Pages : 35 No. of Claims : 16

(21) Application No.5313/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITION COMPRISING ENCAPSULATES AND PROCESS FOR MAKING THEM

(51) International classification	:C11D3/50,C11D17/00,A61K8/11,B01J13/14	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(31) Priority Document No	:61/287,864	Address of Applicant :One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A.
(32) Priority Date	:18/12/2009	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)SMETS Johan 2)PINTENS An
(86) International Application No Filing Date	:PCT/US2010/060680 :16/12/2010	3)KEIJZER Olav Pieter Dora Tony 4)BODET Jean Francois 5)LEBRON Ariel
(87) International Publication No	:WO 2011/075556	6)FRATINI Emiliano 7)VANNUCCI Chiara
(61) Patent of		8)AMBROSI Moira
Addition to Application Number Filing Date	:NA r:NA	9)BAGLIONI Piero 10)GUINEBRETIERE Sandra Jacqueline 11)YAN Nianxi
(62) Divisional to Application Number Filing Date	r:NA :NA	12)LIU Hongwei

(57) Abstract :

COMPOSITIONS COMPRISING ENCAPSULATES, AND A PROCESS FOR MAKING AND USING SUCH ENCAPSULATES, THE ENCAPSULATE COMPRISING A CORE COMPRISING A BENEFIT AGENT AND SHELL THAT ENCAPSULATES SAID CORE; THE SHELL COMPRISING CROSS -LINKED MELAMINE FORMALDEHYDE. SUCH COMPOSITIONS HAVE IMPROVED BENEFIT AGENT DELIVERY THAT MAY IMPART IMPROVED BENEFIT CHARACTERISTICS TO A COMPOSITION AND/OR SITUS.

No. of Pages : 59 No. of Claims : 10

(21) Application No.3055/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SAFETY SYRINGE		
 (54) Title of the invention : SAFETY SYRINGE (51) International classification (31) Priority Document No (32) Priority Date (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 	:A61M5/50 :100140541 :07/11/2011 :Taiwan :NA :NA :NA :NA :NA :NA :NA :NA	

(57) Abstract :

A SAFETY SYRINGE INCLUDES A BARREL, A PLUNGER, AND A NEEDLE HUB. THE BARREL IS EXTENDED AXIALLY AND INCLUDES A FIRST TUBE PORTION, A SECOND TUBE PORTION EXTENDED FROM AN END OF THE FIRST TUBE PORTION, AND A FIRST FOLDED RING FLEXIBLY BRANCHED AND FORMED ON AN INNER SIDE OF THE FIRST TUBE PORTION AND DISPOSED AROUND THE AXIS, SUCH THAT AFTER THE FIRST FOLDED RING IS UNFOLDED, THE FIRST FOLDED RING IS BOUNDED AND EXTENDED FROM THE FIRST TUBE PORTION TOWARDS THE SECOND TUBE PORTION, AND INCLUDES A MOVABLE FIRST FLEXIBLE PORTION. THE PLUNGER INCLUDES A ROD EXTENDED ALONG THE AXIS. THE NEEDLE HUB IS DETACHABLY INSTALLED IN SECOND TUBE PORTION. THE PLUNGER CAN BE MOVED TO AN INJECTING POSITION, A LIMIT POSITION, AND A DISPOSAL POSITION WITH RESPECT TO THE NEEDLE HUB.

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

(21) Application No.3304/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESSING MULTI-COMPONENT SEISMIC DATA		
(51) International classification	:G01V1/48	(71)Name of Applicant :
(31) Priority Document No	:13/281,433	1)GECO TECHNOLOGY B.V.
(32) Priority Date	:26/10/2011	Address of Applicant :GEVERS DEYNOOTWEG 61, 2586
(33) Name of priority country	:U.S.A.	BJ S GRAVENHAGE, THE NETHERLANDS
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NICOLAS GOUJON
(87) International Publication No	: NA	2)AHMET KEMAL OZDEMIR
(61) Patent of Addition to Application Number	:NA	3)OEYVIND TEIGEN
Filing Date	:NA	4)JOHAN O.A. ROBERTSSON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A technique includes receiving first data indicative of a pressure measurement and measurements of components of a particle motion vector acquired by sensors disposed on at least one cable; and processing the first data to generate second data indicative of a constructed an in-line component of the particle motion vector. The 10 technique includes processing the first and second data in a geophysical processing operation that relies on at least three components of the particle motion vector.

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

(21) Application No.5374/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITION COMPRISING AN AMORPHOUS NON CRYSTALLINE GLASS FORM OF ROXITHROMYCIN

(51) International classification(31) Priority Document No(32) Priority Date	:C07H17/08,C07H1/00 :2009/09098 :18/12/2009	 (71)Name of Applicant : 1)NORTH WEST UNIVERSITY Address of Applicant :1 Hoffman Street Joon van rooy
(33) Name of priority country	:South Africa	Building 2531 Potchefstroom South Africa
(86) International Application No	:PCT/IB2010/055841	(72)Name of Inventor :
Filing Date	:15/12/2010	1)LIEBENBERG Wilna
(87) International Publication No	:WO 2011/073926	2)AUCAMP Marique
(61) Patent of Addition to Application Number	:NA	3)DE VILLIERS Melgardt M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO AN AMORPHOUS NON-CRYSTALLINE GLASS FORM (FORM-LL) OF 3R, 4S, 5S, 6R, 7R, 9R, 11S, 12R, 13S, 14R-6-[(2S, 3R, 4S, 6R)-4- DIMETHYLAMINO-3- HYDROXY-6-METHYLOXAN-2-YL]OXY-14- ETHYL-7, 12, 13- TRIHYDROXY-4-[(2R, 4R, 5S, 6S)-5-HYDROXY-4-METHOXY-4, 6-DIMETHYLOXAN-2-YL]OXY-10-(2-METHOXYETHOXYMETHOXYIMINO)-3, 5, 7, 9, 11, 13-HEXAMETHYL- 1-OXACYCLOTETRADECAN- 2-ONE OR ROXITHROMYCIN HAVING AT LEAST ONE CHARACTERISTIC INFRA-RED SPECTRUM PEAK AT APPROXIMATELY 3580 TO 3464 CM-1. THE INVENTION FURTHER RELATES TO A PREPARATION METHOD OF INCREASING THE SOLUBILITY OF ROXITHROMYCIN INCLUDING THE STEPS OF SELECTING ANHYDROUS ROXITHROMYCIN OR MONOHYDRATED ROXITHROMYCIN; ELEVATING THE TEMPERATURE OF THE ROXITHROMYCIN TO ABOVE THE MELTING POINT THEREOF; AND REDUCING THE TEMPERATURE OF THE MELT SUFFICIENTLY TO ALLOW IT TO SET INTO AN AMORPHOUS NON-CRYSTALLINE GLASS FORM (FORM-LL) OF ROXITHROMYCIN HAVING RELATIVELY INCREASED SOLUBILITY WITHOUT DECREASING THE STABILITY OF THEREOF.

No. of Pages : 30 No. of Claims : 17

(21) Application No.5375/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITION COMPRISING AN AMORPHOUS NON CRYSTALLINE GLASS FORM OF AZITHROMYCIN

(51) International classification(31) Priority Document No(32) Priority Date	:C07H17/08,C07H1/00 :2009/09098 :18/12/2009	 (71)Name of Applicant : 1)NORTH WEST UNIVERSITY Address of Applicant :1 Hoffman Street Joon van Rooy
(33) Name of priority country	:South Africa	Building 2531 Potchefstroom South Africa
(86) International Application No	:PCT/IB2010/055842	(72)Name of Inventor :
Filing Date	:15/12/2010	1)ODENDAAL Roelf Willem
(87) International Publication No	:WO 2011/073927	2)LIEBENBERG Wilna
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)AUCAMP Marique
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO AN AMORPHOUS NON-CRYSTALLINE GLASS FORM (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R) -2-ETHYL-3,4, 10- TRIHYDROXY- 3,5,6,8,10,12,14- HEPTAMETHYL-15-OXO- 11-{[3,4,6- TRIDEOXY-3- (DIMETHYLAMINO) --D-XYLO- HEXOPYRANOSYL]OXY}-1-OXA- 6- AZACYCLOPENTADEC-13-YL 2,6-DIDEOXY-3-C-METHYL-3-O-METHYL--L-RIBO- HEXOPYRANOSIDE OR AZITHROMYCIN HAVING AN INFRA-RED PATTERN DISPLAYING CHARACTERISTIC RELATIVELY BROAD PEAKS AT APPROXIMATELY 3500 AND 1727 CM-1 AND CHARACTERISTIC PEAKS AT APPROXIMATELY 2970 AND 2938 CM-1. THE INVENTION FURTHER RELATES TO A PREPARATION METHOD OF INCREASING THE SOLUBILITY OF AZITHROMYCIN INCLUDING THE STEPS OF SELECTING ANHYDROUS, MONOHYDRATED OR DIHYDRATED AZITHROMYCIN; ELEVATING THE TEMPERATURE OF THE AZITHROMYCIN TO ABOVE THE MELTING POINT THEREOF; AND REDUCING THE TEMPERATURE OF THE MELT SUFFICIENTLY TO ALLOW IT TO SET INTO AN AMORPHOUS NON-CRYSTALLINE GLASS FORM (FORM-LL) OF AZITHROMYCIN HAVING RELATIVELY INCREASED SOLUBILITY WITHOUT DECREASING THE STRUCTURAL STABILITY THEREOF.

No. of Pages : 38 No. of Claims : 20

(21) Application No.3261/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : AIR CONDITIONER CONTROLLING DEVICE FOR VEHICLE

(51) International classification:F03B(31) Priority Document No:10-2012- 0002031(32) Priority Date:06/01/2012(33) Name of priority country:Republic of Korea(86) International Application No Filing Date:NA(87) International Publication No Filing Date:NA(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NA	 (71)Name of Applicant : 1)HYUNDAI MOTOR COMPANY Address of Applicant :231 YANGJAE-DONG, SEOCHO-GU, SEOUL 137-938, REPUBLIC OF KOREA 2)KIA MOTORS CORPORATION 3)HALLA CLIMATE CONTROL CORP. (72)Name of Inventor : 1)KIM MYUNG HOE 2)KIM SEUNG WOOK 3)KIM HYE YOUNG
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(57) Abstract :

An air conditioner controlling device for a vehicle may include a knob rotatably installed on the front of a case, a cylindrical cam rotatably installed inside the case, interlocked with a shaft of the knob, and having a slot formed in an outer surface thereof, and a lever having one end rotatably mounted to the case and the other end insertedly coupled to the slot of the cylindrical cam to thereby reciprocate the cylindrical cam at the time of rotation of the cylindrical cam, wherein the lever may be insertedly mounted in a portion of the slot formed along the outer surface of the cylindrical cam, and a mounting position and angle of the lever may be thus adjusted, such that a reciprocation direction of the lever may be freely adjusted.

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

(21) Application No.3320/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR DIAGNOSING MANUFACTURING VARIANCES :G01M15/14 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/303,243 1)GE AVIATION SYSTEMS LLC (32) Priority Date :23/11/2011 Address of Applicant :3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)WILSON, JONATHAN PAUL (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 diagnosing manufacturing variances of an electrical, mechanical or electro-mechanical apparatus such as ajet engine (12) based on radiation emitted by the apparatus (12) where the method includes establishing baseline profile for a number of apparatuses (12) to form a set of baseline profiles for the multiple apparatuses (12) and comparing the set of baseline profiles to determine a difference indicative of a variance in the manufacturing of the apparatuses (12).

No. of Pages : 21 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :29/10/2012

(21) Application No.3322/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PROGNOSING A HEALTH PROBLEM OF AN APPARATUS

	0011415/14	
(51) International classification	:G01M15/14	(71)Name of Applicant :
(31) Priority Document No	:13/303247	1)GE AVIATION SYSTEMS LLC
(32) Priority Date	:23/11/2011	Address of Applicant :3290 PATTERSON AVENUE, SE
(33) Name of priority country	:U.S.A.	GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WILSON, JONATHAN PAUL
(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 PROGNOSING A HEALTH PROBLEM OF AN ELECTRICAL, MECHANICAL OR ELECTROMECHANICAL APPARATUS SUCH AS AJET ENGINE (12) BASED ON RADIATION EMITTED BY THE APPARATUS (12) WHERE THE METHOD INCLUDES ESTABLISHING A PROFILE FOR THE APPARATUS (12) WHILE THE APPARATUS (12) IS OPERATING, SAVING SUCH A PROFILE FOR THE APPARATUS (12), FORMING A SET OF HISTORICAL PROFILES FOR A NUMBER OF APPARATUSES (12), AND IDENTIFYING AT LEAST ONE ANOMALY IN THE SET OF HISTORICAL PROFILES THAT IS INDICATIVE OF A FUTURE FAILURE.

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

(21) Application No.5303/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AZEOTROPE LIKE COMPOSITIONS OF CIS 1 1 1 4 4 4 HEXAFLUORO 2 BUTENE

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:C07C21/18,C09K3/30,C09K5/04 :61/287,041 :16/12/2009 :U.S.A. :PCT/US2010/060404 :15/12/2010 :WO 2011/084447 :NA :NA :NA	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 Columbia Road Morristown New Jersey 07962-2245 U.S.A. 2)HULSE Ryan 3)SINGH Rajiv Ratna 4)PAONESSA Martin R. 5)PHAM Hang T. 6)BOGDAN Mary 7)GITTERE Cliff (72)Name of Inventor : 1)HULSE Ryan 2)SINGH Rajiv Ratna 3)PAONESSA Martin R. 4)PHAM Hang T. 5)BOGDAN Mary 6)GITTERE Cliff
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(57) Abstract :

THIS INVENTION RELATES TO AZEOTROPE-LIKE COMPOSITIONS, METHODS AND SYSTEMS HAVING UTILITY IN NUMEROUS APPLICATIONS, AND IN PARTICULAR, USES FOR AZEOTROPE-LIKE COMPOSITIONS COMPRISING EFFECTIVE AMOUNTS OF THE COMPOUND CIS-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE (Z-HFO-1336MZZM), WHICH HAS THE FOLLOWING STRUCTURE: (I) AND ANOTHER MATERIAL SELECTED FROM THE GROUP CONSISTING OF WATER, FLUOROKETONES, ALCOHOLS, HYDROCHLOROFLUOROOLEFINS, AND COMBINATIONS OF TWO OR MORE THEREOF. THESE COMPOSITIONS MAY BE USED IN A WIDE VARIETY OF APPLICATIONS SUCH AS, BLOWING AGENTS, REFRIGERANTS, HEATING AGENTS, POWER CYCLE AGENTS, CLEANING AGENTS, AEROSOL PROPELLANTS, STERILIZATION AGENTS, LUBRICANTS, FLAVOR AND FRAGRANCE EXTRACTANTS, FLAMMABILITY REDUCING AGENTS, AND FLAME SUPPRESSION AGENTS. PLEASE NOTE: ABSTRACT CONTAINS A STRUCTURE (FIGURE) WHICH WILL NOT COPY TO THIS PROGRAM. PLEASE REVIEW ELECTRONIC FILE FOR COMPLETE ABSTRACT.

No. of Pages : 39 No. of Claims : 15

(21) Application No.5432/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : RUBBER ADHESIVE COMPOSITIONS CONTAINING VINYL PYRIDINE LATEX POLYMERS WITH ALTERNATE NITROGEN MONOMERS

(51) International classification(31) Priority Document No(32) Priority Date	:C08F :61/264,093 :24/11/2009	 (71)Name of Applicant : 1)OMNOVA SOLUTIONS INC. Address of Applicant :175 Ghent Road Fairlawn Ohio 44333-
(33) Name of priority country(86) International Application No	:U.S.A. •PCT/US2010/058003	3300 U.S.A. (72) Name of Inventor :
Filing Date	:24/11/2010	1)NORMAN K. PORTER
(87) International Publication No	: NA	2)CARLA B. DITTMAN MCBAIN
(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 POLYMERIC LATEXES THAT CAN BE USED IN ADHESIVE COMPOSITIONS, WHICH PROVIDE IMPROVED BONDING OF RUBBER ARTICLES TO RUBBER REINFORCING ARTICLES. THE ADHESIVE COMPOSITION INCLUDES A SINGLE OR A BLEND OF POLYMERIC LATEXES COMPRISING A CONJUGATED ALIPHATIC MONOMER, A VINYLAROMATIC MONOMER, A VINYLPYRIDINE MONOMER, AND A NITROGEN-CONTAINING MONOMER COMPRISING A REACTIVE N-METHYLOL- OR N-ALKOXY-FUNCTIONALITY. USE OF THE MONOMER COMPRISING A NITROGEN-CONTAINING MONOMER COMPRISING A REACTIVE N-METHYLOL- OR N-ALKOXY-FUNCTIONALITY ALLOWS FOR REDUCED AMOUNTS OF THE VINYLPYRIDINE MONOMER IN THE LATEX, AND ENHANCES THE BONDING PROPERTIES OF THE ADHESIVE COMPOSITION. USE OF THE ADHESIVE COMPOSITION PROVIDES ECONOMIC AND CHEMICAL ADVANTAGES FOR THE PREPARATION OF REINFORCED RUBBERIZED ARTICLES.

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

(21) Application No.1006/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTI-THEFT SYSTEM FOR AUTOMOBILE

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B60R 25/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MARUTI SUZUKI INDIA LIMITED Address of Applicant :1, NELSON MANDELA ROAD, VASANT KUNJ, NEW DELHI-110070, INDIA (72)Name of Inventor : 1)LEO PAUL
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(57) Abstract :

This invention relates to an anti theft system for automobile comprising electronic control unit of vehicle connected with global positioning system and wireless communication unit through a microprocessor unit. The system is associated with the advantages of no communication breakage between GSM, GPS & processing modules and the module keeps communicating with the mobile and server in the absence of main power supply.

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

(21) Application No.3295/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING MOTOR

(57) Abstract :

A METHOD AND SYSTEM ARE PROVIDED FOR CONTROLLING A MOTOR. THE METHOD INCLUDES OBTAINING VIA A SIGNAL UNIT ELECTRICAL SIGNALS OF THE MOTOR. THE ELECTRICAL SIGNALS INCLUDE A MOTOR TORQUE AND AN ANGULAR VELOCITY. THE METHOD FURTHER INCLUDES CALCULATING VIA THE CALCULATING COMPONENT A VOLTAGE PHASE ANGLE OF A VOLTAGE VECTOR. A COMMAND TORQUE, THE MOTOR TORQUE, THE ANGULAR VELOCITY AND A VOLTAGE AMPLITUDE OF THE VOLTAGE VECTOR ARE INPUTS OF THE CALCULATING COMPONENT. THE METHOD FURTHER MODULATING VIA A MODULATOR THE VOLTAGE PHASE ANGLE AND THE VOLTAGE AMPLITUDE TO A SWITCHING SIGNAL CONTROLLING AN INVERTER. THE METHOD FURTHER INCLUDES CONVERTING VIA THE INVERTER A DIRECT CURRENT VOLTAGE TO THE VOLTAGE VECTOR ACCORDING TO THE SWITCHING SIGNAL AND APPLYING THE VOLTAGE VECTOR TO THE MOTOR.

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

(21) Application No.673/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :29/03/2005

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR DYNAMICALLY ADJUSTING FIRE DETECTION CRITERIA

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:G08B 17/10 :08/593253 :29/01/1996 :U.S.A. :NA :NA :NA :NA :NA :NA :277/DEL/1997 :29/01/1997	 (71)Name of Applicant : 1)ENGELHARD SENSOR TECHNOLOGIES INC. Address of Applicant :6489 CALLE REAL, GOLETA, CALIFORNIA 93117, U.S.A. (72)Name of Inventor : 1)JACOB Y. WONG
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(57) Abstract :

A fire detector that combines a CO2 gas detector with a photoelectric smoke detector to minimize false alarms by logic means that can be integrated into a single chip that can have an ASIC section and a microprocessor section is disclosed. The CO2 gas detector can be single or dual channel. The CO 2 gas detector and the photoelectric smoke detector can be separate or combined in a single device that uses a common light source. Also, the CO2 gas detector and photoelectric smoke detector can be combined on a single substrate within a common housing. The smoke based fire detection criteria of the fire detector is dynamically adjusted in response to the measurements formed by the CO2 gas detector.

No. of Pages : 48 No. of Claims : 34

(21) Application No.6982/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PRODUCING RECOMBINANT VIRUS

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:12/705,317	1)OTSUKA PHARMACEUTICAL CO. LTD.
(32) Priority Date	:12/02/2010	Address of Applicant :2-9 Kanda-Tsukasa-machi Chiyoda-
(33) Name of priority country	:U.S.A.	ku Tokyo 1018535 JAPAN
(86) International Application No	:PCT/JP2011/052812	(72)Name of Inventor :
Filing Date	:10/02/2011	1)MASANORI KAWASAKI
(87) International Publication No	: NA	2)KATSUYA INAGAKI
(61) Patent of Addition to Application	:NA	3)MASAMI MIZUKOSHI
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

DISCLOSED ARE: A METHOD FOR PRODUCING A RECOMBINANT BACULOVIRUS WITH HIGH PURITY, SAID RECOMBINANT BACULOVIRUS EXHIBITING DESIRED IMMUNOGENICITY AND BEING USEFUL AS A PHARMACEUTICAL PRODUCT SUCH AS A VACCINE; A TRANSFER VECTOR WHICH IS USED FOR THE PRODUCTION OF THE RECOMBINANT BACULOVIRUS; AND A METHOD FOR PRODUCING THE TRANSFER VECTOR. SPECIFICALLY DISCLOSED IS A METHOD FOR PRODUCING A TRANSFER VECTOR TO WHICH A FUSION GENE COMPRISING AT LEAST ONE GENE ENCODING A VIRUS PARTICLE-CONSTITUTING PROTEIN AND A GENE ENCODING AN IMMUNOGENIC FOREIGN PROTEIN IS ATTACHED. THE METHOD FOR PRODUCING A TRANSFER VECTOR IS CHARACTERIZED IN THAT THE POLYNUCLEOTIDE SEQUENCE OF THE GENE ENCODING A VIRUS PARTICLE-CONSTITUTING PROTEIN IS MODIFIED SO THAT THE AMINO ACIDS CONSTITUTING THE PROTEIN ARE NOT CHANGED AND/OR THE POLYNUCLEOTIDE SEQUENCE OF THE GENE ENCODING A VIRUS PARTICLE-CONSTITUTING PROTEIN IS MODIFIED SO THAT ONE OR SOME OF THE AMINO ACIDS CONSTITUTING THE PROTEIN ARE DELETED IN COMPARISON TO THE GENE SEQUENCE OF A NATURALLY OCCURRING VIRUS PARTICLE-CONSTITUTING PROTEIN.

No. of Pages : 118 No. of Claims : 21

(21) Application No.3160/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITE SUPPORTING STRUCTURE

(51) International classification	:E02B	(71)Name of Applicant :
(31) Priority Document No	:102011054432.1	
(32) Priority Date	:12/10/2011	Address of Applicant :Porscheplatz 1 70435 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARKUS BRUNNER
(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 composite supporting structure made of an electrically non-conducting or non-sufficiently conducting composite material, comprising at least one ground connection line (11-13). In order to simplify ground connection when using a composite supporting structure, the to ground connection line (11-13) is integrated into the composite supporting structure (1).

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

(21) Application No.3161/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : REAR STRUCTURE OF MOTORCYCLE

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HONDA MOTOR CO. LTD.
(31) Thomy Document No	225907	Address of Applicant :1-1 Minami-Aoyama 2-chome Minato-
(32) Priority Date	:13/10/2011	ku Tokyo 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MASASHI NAMAI
Filing Date	:NA	2)YOSHITAKA KUBOTA
(87) International Publication No	: NA	3)JUNICHI SAKAMOTO
(61) Patent of Addition to Application Number	:NA	4)AKIRA SATO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

TO ACHIEVE A REDUCTION IN COMPONENT COSTS FOR A STRUCTURE FOR COVERING A FUEL TANK AND A TAILLIGHT ON THE REAR OF IT WHICH ARE LOCATED BELOW A SEAT, AND ALSO AN INCREASE IN PRODUCTIVITY OF THE STRUCTURE. [CONSTITUTION] A FUEL TANK COVER 70 COVERING ABOVE A FUEL TANK 25 IS LOCATED ABOVE THE FUEL TANK 25 AND A REAR END OF THE FUEL TANK COVER 70 IS STRUCTURED TO BE POSITIONED ABOVE THE TAILLIGHT 80.

No. of Pages : 32 No. of Claims : 5

(21) Application No.6638/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : TREATMENT METHOD, TREATMENT FACILITY AND IMPURITY-REMOVING MATERIAL FOR RADIOACTIVE GASEOUS WASTE

(51) International classification	:G21F 9/02	(71)Name of Applicant :
(31) Priority Document No	:2010-015057	1)HITACHI, LTD
(32) Priority Date	:27/01/2010	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8280 JAPAN
(86) International Application No	:PCT/JP2011/051416	(72)Name of Inventor :
Filing Date	:26/01/2011	1)KANNO Shuichi
(87) International Publication No	: NA	2)YOSHII Yasuo
(61) Patent of Addition to Application	:NA	3)IIZUKA Hidehiro
Number	:NA	4)NISHI Takashi
Filing Date	.11174	5)AIZAWA Motohiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

IMPURITIES CONTAINED IN A RADIOACTIVE GASEOUS WASTE THAT IS DISCHARGED FROM A NUCLEAR REACTOR CAN BE REMOVED TO PREVENT THE DETERIORATION IN PERFORMANCE OF A RECOMBINATION CATALYST IN A RECOMBINATION DEVICE. DISCLOSED IS A RADIOACTIVE GASEOUS WASTE TREATMENT METHOD IN WHICH HYDROGEN AND OXYGEN IN WATER VAPOR THAT IS CONTAINED IN A RADIOACTIVE GASEOUS WASTE DISCHARGED FROM A NUCLEAR REACTOR IN A NUCLEAR POWER PLANT ARE RECOMBINED WITH EACH OTHER BY UTILIZING A CATALYST. THE METHOD COMPRISES THE STEPS OF: BRINGING IMPURITIES CONTAINED IN A RADIOACTIVE GASEOUS WASTE (1) INTO CONTACT WITH AN IMPURITY-REMOVING MATERIAL (5) CONTAINING AT LEAST ONE MATERIAL SELECTED FROM ZRO2 MESOPOROUS SILICA AND ACTIVATED CARBON TO REMOVE THE IMPURITIES; AND SUBSEQUENT TO THE REMOVAL OF THE IMPURITIES BRINGING THE RADIOACTIVE GASEOUS WASTE INTO CONTACT WITH A CATALYST (2) TO CAUSE THE RECOMBINATION OF HYDROGEN WITH OXYGEN.

No. of Pages : 46 No. of Claims : 13

(21) Application No.7173/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CLEANING METHOD FOR COATING SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (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 14/56 :10 2010 005 762.2 :25/01/2010 :Germany :PCT/EP2010/007971 :22/12/2010 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)OERLIKON TRADING AG TRUBBACH Address of Applicant :Hauptstrasse CH-9477 Trubbach Switzerland (72)Name of Inventor : 1)PETER NAFF
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(57) Abstract :

THE INVENTION RELATES TO A CLEANING METHOD TO BE USED ON ADJACENT AREAS IN COATING SYSTEMS. BEFORE THE COATING, AN ANTI-ADHESION LAYER (10) IS APPLIED TO THE ADJACENT AREAS. AFTER COATING MATERIAL HAS BEEN DEPOSITED ONTO THE ANTI-ADHESION LAYER, THE ADJACENT SURFACES ARE CLEANED BY MEANS OF DRY ICE BLASTING OR CO2 SNOW-JET CLEANING.

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

(21) Application No.7177/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LOW-CHROMIUM-CONTENT STAINLESS STEEL WITH EXCELLENT CORROSION RESISTANCE OF WELD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:21/02/2011	 (71)Name of Applicant : 1)NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION Address of Applicant :6-1 Otemachi 2-chome Chiyoda-ku Tokyo 1000004 JAPAN (72)Name of Inventor : 1)SUMUCINI TERD A OVA
 (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	1)SHINICHI TERAOKA 2)SHUNJI SAKAMOTO 3)MASUHIRO FUKAYA

(57) Abstract :

A STAINLESS STEEL HAVING AN OPTIMAL LOW CHROMIUM CONTENT IS PROVIDED IN WHICH A WELD FORMED BY MULTIPASS WELDING IS PREVENTED FROM DETERIORATING IN CORROSION RESISTANCE BY MARTENSITIC TRANSFORMATION AND THE WELD HAS EXCELLENT RESISTANCE TO INTERGRANULAR CORROSION EVEN IN A SEVERE CORROSIVE ENVIRONMENT. THE HEAT-AFFECTED ZONES, WHICH ADJOIN THE BONDED AREA, SUFFER NO PREFERENTIAL CORROSION. THE STAINLESS STEEL HAS EXCELLENT MANUFACTURABILITY. THE LOW-CHROMIUM-CONTENT STAINLESS STEEL CONTAINS, IN TERMS OF MASS%, 0.015-0.025% C, 0.008-0.014% N, 0.2-1.0% SI, 1.0-1.5% MN, UP TO 0.04% P, UP TO 0.03% S, 10-13% CR, 0.2-1.5% NI, AND 0.005-0.1% AL AND FURTHER CONTAINS TI IN AN AMOUNT OF 6—(C%+N%) TO 0.25%, WITH THE REMAINDER COMPRISING FE AND INCIDENTAL IMPURITIES, THE CONTENTS OF THE ELEMENTS SATISFYING GIVEN RELATIONSHIPS.

No. of Pages : 27 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.3935/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING ANOMALY IN A HANDHELD 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)ANAND, TARUN Address of Applicant :TPF TECHNOLOGIES PVT, LTD, A- 41, THE CORENTHUM, TOWER A, 5TH FLOOR, LOBE 02, CS-12, SECTOR-62, NOIDA, UTTAR PRADESH-201301, INDIA (72)Name of Inventor : 1)ANAND TARUN

(57) Abstract :

The inventive subject matter of the present disclosure provides a system and method for detecting anomalies in a handheld device based on a plurality of parameters that indicate current phone usage context, mobility pattern, or behavior of a handheld device. Anomalies in handheld devices can be a result of, but not limited to, lost or stolen phone, loss of informationIdata, change in calls being made, change in user mood, change in browsing pattern, sudden change in user location, or other such conditions. One aspect of the inventive subject matter includes detecting anomalies in a handheld device, specifically, detecting whether a phone has been lost or stolen, by considering one or more parameters of the handheld device that are indicative of current phone usage context, mobility pattern, or behavior of a handheld device.

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

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.3936/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : HUB ASSEMBLY WITH GREASE LUBRICATED ROLLER BEARING AND TENSION-TORSION STRAP

(51) International classification	:B64C27/59	(71)Name of Applicant :
(31) Priority Document No	:13/337,215	1)BELL HELICOPTER TEXTRON INC.
(32) Priority Date	:26/12/2012	Address of Applicant : P.O. BOX 482, FORT WORTH,
(33) Name of priority country	:U.S.A.	TEXAS-76101, UNITED STATES U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAUBER, RICHARD
(87) International Publication No	: NA	2)STAMPS, FRANK, B.
(61) Patent of Addition to Application Number	:NA	3)POPELKA, DAVID
Filing Date	:NA	4)TISDALE, PATRICK
(62) Divisional to Application Number	:NA	5)DONOVAN, TOM
Filing Date	:NA	

(57) Abstract :

A rotary system and method to control feathering and centrifugal forces of a rotor blade during flight. The rotary system having a hub assembly, which includes a hollow yoke arm to receive a spindle section of the rotor blade. A tension-torsion strap extends through the hollow yoke arm and couples the rotor blade and the hub assembly. The method includes allowing the spindle section of the rotor blade to pivot within the hollow yoke arm and controlling rotational and centrifugal mpvement of the rotor blade with the tension-torsion strap.

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

(21) Application No.6248/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AQUEOUS COATING COMPOSITIONS PIGMENTED WITH FLAKE-FORM METALLIC EFFECT PIGMENTS, PROCESSES FOR PREPARING THEM AND USE THEREOF FOR PRODUCING MULTICOAT PAINT FINISH

(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:0(86) International Application No:1Filing Date:1(87) International Publication No:(61) Patent of Addition to Application:1Number:1Filing Date:1		 (71)Name of Applicant : 1)BASF COATINGS GMBH Address of Applicant :Glasuritstrasse 1 Muenster 48165 Germany (72)Name of Inventor : 1)STEPHAN SCHWARTE 2)ULRICH UEKOTTER 3)PETER SONNTAG 4)NORBERT LOW 5)ELKE ROEHR
	NA NA	

(57) Abstract :

THE INVENTION RELATES TO THERMALLY AND/OR PHYSICALLY CURABLE AQUEOUS COATING MATERIAL COMPOSITIONS COMPRISING A) AT LEAST ONE POLYURETHANE SELECTED FROM THE GROUP CONSISTING OF IONICALLY AND/OR NONIONICALLY STABILIZED POLYURETHANES WHICH ARE PHYSICALLY CURABLE, THERMALLY SELF-CROSSLINKING AND/OR THERMALLY EXTERNALLY CROSSLINKING AND ARE SATURATED, UNSATURATED AND/OR GRAFTED WITH OLEFINICALLY UNSATURATED COMPOUNDS, AS A BINDER, AND B) AT LEAST ONE FLAKE-FORM METALLIC EFFECT PIGMENT, C) AT LEAST ONE INORGANIC THICKENER C1) SELECTED FROM THE GROUP OF THE PHYLLOSILICATES AND AT LEAST ONE ORGANIC THICKENER C2) SELECTED FROM THE GROUP OF (METH)ACRYLIC ACID-(METH)ACRYLATE COPOLYMER THICKENERS AND POLYURETHANE THICKENERS, WHERE I) THE AMOUNT OF B), BASED ON THE TOTAL BINDER CONTENT OF THE COATING MATERIAL COMPOSITION, IS > 15% BY WEIGHT, II) THE TOTAL SOLIDS, BASED ON THE COATING MATERIAL COMPOSITION, IS = 12.5% BY WEIGHT, III) THE TOTAL AMOUNT OF THE THICKENERS FROM C1) AND C2), BASED ON THE TOTAL BINDER CONTENT OF THE WEIGHT RATIO OF C2) TO C1) IS > 0.4. THE INVENTION FURTHER RELATES TO A PROCESS FOR PREPARING THE COMPOSITIONS AND ALSO TO THE USE OF THE COATING MATERIAL COMPOSITIONS, TO A PROCESS FOR PRODUCING MULTICOAT PAINT FINISHES, AND TO MULTICOAT PAINT FINISHES.

No. of Pages : 27 No. of Claims : 13

(21) Application No.7313/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND EQUIPMENT FOR THE IN SITU CONSTRUCTION OF A SANDWICH WALL COMPRISING TWO CONCRETE WALLS SEPARATED BY AN INSULATION BOARD

 (51) International classification (31) Priority Document No (32) 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/FR2011/050396 :25/02/2011 : NA :NA	 (71)Name of Applicant : 1)G.B.E. Address of Applicant :50 Rue Albert Thomas F-42300 Roanne France (72)Name of Inventor : 1)GILLES BEAUMONT
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE INVENTION RELATES TO A METHOD FOR THE CONSTRUCTION OF A WALL COMPRISING TWO CONCRETE WALLS HAVING AT LEAST ONE INSULATION BOARD (4) CLAMPED THEREBETWEEN, SAID TWO WALLS BEING PRODUCED SIMULTANEOUSLY BY POURING CONCRETE BETWEEN THE INSULATION BOARD (4) AND AN INTERNAL (6) AND AN EXTERNAL (7) FORM PANEL. THE METHOD COMPRISES THE FOLLOWING STEPS: THE INSTALLATION OF POSITIONING SYSTEMS (13) ON EACH INSULATION BOARD (4) PRIOR TO THE POSITIONING THEREOF, EACH OF SAID SYSTEMS COMPRISING AT LEAST ONE ANGULARLY ORIENTABLE HOOK; THE INSTALLATION OF AN INTERNAL REINFORCEMENT (9) ON THE INTERNAL SIDE OF THE INTERNAL FORM PANEL (6); THE POSITIONING OF EACH INSULATION BOARD (4) SUCH THAT THE POSITIONING SYSTEMS (13) EXTEND THROUGH THE INTERNAL REINFORCEMENT (7); AND, FOR EACH ASSEMBLY DEVICE (14) AND PRIOR TO THE POSITIONING OF THE EXTERNAL FORM PANEL, THE INSTALLATION OF A TUBULAR SPACER WHICH EXTENDS THROUGH THE INSULATION BOARD (4) AND THROUGH WHICH A TIGHTENING ROD (41) EXTENDS TOWARDS THE EXTERIOR OF THE FORM PANELS IN ORDER TO RECEIVE A TIGHTENING MEMBER (42) AT EACH END.

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

(19) INDIA

(22) Date of filing of Application :28/09/2012

(21) Application No.3062/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : HEMODIALYSIS CATHETER WITH IMPROVED SIDE OPENING DESIGN

(51) International classification	:A61M1/36	(71)Name of Applicant :
(31) Priority Document No	:13/250,112	1)TYCO HEALTHCARE GROUP LP
(32) Priority Date	:30/09/2011	Address of Applicant :15 HAMPSHIRE STREET,
(33) Name of priority country	:U.S.A.	MANSFIELD, MA 02048, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MACMEANS, SCOTT
(87) International Publication No	: NA	2)SANSOUCY, MICHAEL
(61) Patent of Addition to Application Number	:NA	3)BRAGA, RICHARD M.
Filing Date	:NA	4)GIRDHAR, GAURAV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A HEMODIALYSIS CATHETER IS PROVIDED WHICH INCLUDES A CATHETER BODY HAVING A PROXIMAL AND A DISTAL END AND DEFINING AT LEAST ONE LUMEN. THE AT LEAST ONE LUMEN INCLUDES A DISTAL OPENING AND A SIDE OPENING FORMED THROUGH A SIDEWALL OF THE CATHETER BODY. THE SIDE OPENING COMMUNICATES WITH THE AT LEAST ONE LUMEN, AND INCLUDES GUIDING STRUCTURE POSITIONED ADJACENT A DISTAL SIDE OF THE SIDE OPENING CONFIGURED TO SMOOTHLY REDIRECT BLOOD FLOW INTO THE AT LEAST ONE LUMEN. THE GUIDING STRUCTURE MAY BE DEFINED BY A RAISED WALL, OR IN THE ALTERNATIVE, AN ANGLED DISTAL WALL OF THE SIDE OPENING.

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

(21) Application No.4885/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : STRUCTURED TRIGLYCERIDES AND EMULSIONS COMPRISING 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 	:A23L :60/549,550 :04/03/2004 :U.S.A. :PCT/IL2005/000257 :03/03/2005 : NA :NA	 (71)Name of Applicant : 1)HTL HIGH-TECH LIPIDS LTD. Address of Applicant :Teradion Industrial Park D.N. Misgav 20179 Israel. (72)Name of Inventor : 1)ROZEN Geila 2)SHOCHAT Irit
	:NA :NA :5625/DELNP/2006 :26/09/2006	

(57) Abstract :

THE PRESENT INVENTION RELATES TO STRUCTURED TRIGLYCERIDE TO PARENTAL NUTRITION EMULSIONS COMPRISING SAME AND USE THEREOF. IN PARTICULAR THE INVENTION RELATES TO STRUCTURED TRIGLYCERIDES COMPRISING AT LEAST ONE MEDIUM CHAIN C6-C12 FATTY ACID AND AT LEAST ONE FATTY ACID SELECTED FROM THE GROUP CONSISTING OF LONG CHAIN C14-C18 OR VERY LONG CHAIN C20-C22 FATTY ACIDS PREFERABLY EACH FATTY ACID IS PRESENT IN A PREDETERMINED POSITION OF THE GLYCEROL BACKBONE. THE PARENTERAL NUTRITION EMULSIONS ARE PARTICULARLY USEFUL FOR NOURISHING PRETERM-AND TERM-INFANTS CHILDREN CRITICALLY ILL PATIENTS AND CANCER PATIENTS.

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

(21) Application No.4887/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : FUELS METHODS OF MAKING THEM AND ADDITIVES FOR USE IN FUELS

Filing Date :NA	6	:02/11/2010 : NA :NA :NA	 (71)Name of Applicant : 1)ALTERNATIVE PETROLEUM TECHNOLOGIES SA Address of Applicant :46a avenue JF Kennedy L-1855 Luxembourg (72)Name of Inventor : 1)Alexander Francis PSAILA 2)Patrick GRIMES
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number		

(57) Abstract :

A WATER IN OIL EMULSION COMPRISING: A) 70 TO 99WT% DIESEL FUEL SAID DIESEL FUEL COMPRISING 0 TO 50VOL% BIODIESEL BLENDED FUEL; B) 0.5 TO 30WT% WATER; C) 0.01 TO 5WT% ALKYL AMINE ETHOXYLATE AT LEAST 25WT% OF THE ALKYL AMINE ETHOXYLATE BEING C10 TO C14 ALKYL AMINE ETHOXYLATE AND AT LEAST 25WT% OF THE ALKYL AMINE ETHOXYLATE BEING C16 TO C18 ALKYL AMINE ETHOXYLATE; AND D) 0.03 TO LWT% OF THE PRODUCT OBTAINABLE BY REACTING A POLYISOBUTYLENE SUCCINIC ANHYDRIDE OF MOLECULAR WEIGHT 9000 TO 2600 WITH 1 TO 2 MOLES OF A TERTIARY ALKANOL AMINE. THE EMULSION IS STABLE AND IS USEFUL AS A BIODIESEL BLENDED FUEL.

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

(21) Application No.4888/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DETECTION MEASUREMENT AND IMAGING OF CELLS SUCH AS CANCER AND OTHER BIOLOGIC SUBSTANCES USING TARGETED NANOPARTICLES AND MAGNETIC PROPERTIES 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 	:05/11/2010 : NA :NA	 (71)Name of Applicant : 1)SCIENTIFIC NANOMEDICINE INC. Address of Applicant :11109 Country Club Dr. NE Albuquerque NM 87111 U.S.A. (72)Name of Inventor : 1)Edward R. FLYNN
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE PRESENTINVENTION PROVIDESMETHODS AND APPARATUSESFOR DETECTING, MEASURING, ORLOCATING CELLS OR SUBSTANCES PRESENT IN EVEN VERY LOW CONCENTRATIONS IN VIVO IN SUBJECTS, USING TARGETED MAGNETIC NANOPARTICLES AND SPECIAL MAGNETIC SYSTEMS. THE MAGNETIC SYSTEMS CAN COMPRISE MAGNETIZING SUBSYSTEMS AND SENSORS SUBSYSTEMS, INCLUDING AS EXAMPLES SQUID SENSORS AND ATOMIC MAGNETOMETERS. THE MAGNETIC SYSTEMS CAN DETECT, MEASURE, OR LOCATION PARTICLES BOUND BY ANTIBODIES TO CELLS OR SUBSTANCES OF PREDETERMINED TYPES. EXAMPLE MAGNETIC

SYSTEMS ARE CAPABLE OF DETECTING SUB-NANOGRAM AMOUNTS OF THESE NANOPARTICLES.

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

(21) Application No.7342/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR DETERMINING THE DEGREE OF SATURATION OF SOLID AMMONIA STORAGE MATERIALS IN CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:14/02/2011	 (71)Name of Applicant : 1)Amminex EMISSIONS TECHNOLOGY A/S
Filing Date (87) International Publication No (61) Patent of Addition to Application	: NA	Address of Applicant :Gladsaxevej 363 DK-2860 S_borg Denmark (72)Name of Inventor : 1)Tue Johannessen 2)Johnny Johansen 3)Jacob Hjerrild Zeuthen
	: NA :NA :NA :NA :NA	

(57) Abstract :

A METHOD IS PROVIDED FOR ESTIMATING THE DEGREE OF SATURATION (S) OF A REVERSIBLE SOLID AMMONIA STORAGE MATERIAL (3) IN A STORAGE UNIT (1). THE STORAGE UNIT (1) IS EQUIPPED WITH A HEATER (2) TO RELEASE AMMONIA AND A CONNECTED TUBE (4) FOR AMMONIA FLOW. THE INITIAL TEMPERATURE (TINIT) IS MEASURED WITH A SENSOR (9) IN OR AROUND THE STORAGE UNIT (1) BEFORE ANY HEATING IS INITIATED. HEATING IS INITIATED WHILE RECORDING THE ACTIVE TIME OF HEATING (T) OR THE AMOUNT OF ENERGY (Q) RELEASED BY THE HEATER.

No. of Pages : 28 No. of Claims : 16

(21) Application No.1001/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PSEUDO-SYNCHRONIZED REVERSE GEAR SHIFT SYSTEM

(51) International classification	3/12, F16H 3/14	 (71)Name of Applicant : 1)MARUTI SUZUKI INDIA LIMITED Address of Applicant :1, NELSON MANDELA ROAD, VASANT KUNJ, NEW DELHI - 110070, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MOHNEESH SAXENA
(33) Name of priority country	:NA	2)NITIN SACHDEVA
(86) International Application No	:NA	3)AARTI BIST
Filing Date	:NA	4)SHIJO K JOSHUA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to Pseudo-Synchronized Reverse Gear Shift system comprising input shaft extending downward to be in constant mesh with idler for avoiding blockage, in which output shaft is positioned adjacent to the input shaft.

No. of Pages : 12 No. of Claims : 7

(21) Application No.3058/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LOW ACTUATING FORCE CANISTER PURGE VALVE

(31) Priority Document No000563Addre(32) Priority Date:03/10/2011BORLET(33) Name of priority country:Italy(72)Nam(86) International Application No Filing Date:NA1)STEI	ne of Applicant : GNETI MARELLI S.P.A. ress of Applicant :CORBETTA VIALE AIDO TTI, 61/63, ITALY ne of Inventor : FANO FORNARA RIE LESTER F BECKER
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(57) Abstract :

A CANISTER PURGE VALVE (1) FOR AN INTERNAL COMBUSTION ENGINE; THE CANISTER PURGE VALVE (1) IS PROVIDED WITH: A HOUSING (8) HAVING A SUPPLY CHANNEL (9 WHICH CONNECTS A FUEL VAPOR INLET PORT (5) TO A FUEL VAPOR OUTLET PORT (6); A VALVE SEAT (10) OBTAINED ACROSS THE SUPPLY CHANNEL (9); A VALVE SHUTTER (11) WHICH HAS A THROUGH PRESSURE COMPENSATING CHANNEL AND IS MOVABLY MOUNTED WITHIN THE SUPPLY CHANNEL (9) IN ORDER TO MOVE FROM AN OPEN POSITION, IN WHICH THE VALVE SHUTTER (113 IS DISTANT FROM THE VALVE SEAT (10), TO A CLOSED POSITION, IN WHICH THE VALVE SHUTTER (11) IS PRESSED AGAINST THE VALVE SEAT (10); AND A RIGID STEM (18) WHICH IS MECHANICALLY COUPLED TO THE VALVE SHUTTER (11) IN ORDER TO MOVE THE VALVE SHUTTER (11) FROM THE OPEIA POSITION TO THE CLOSED POSITION, AND SEALS THE PRESSURE COMPENSATING CHANNEL (19) IN THE CLOSED POSITION.

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

(21) Application No.4960/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMBINATION OF ALPHA- 2 ADRENERGIC RECEPTOR AGONIST AND NON-STEROIDAL ANTI - INFLAMMATORY AGENT FOR TREATING OR PREVENTING AN INFLAMMATORY SKIN DISORDER

(51) International classification(31) Priority Document No(32) Priority Date	:A61K :09176392.0 :18/11/2009	 (71)Name of Applicant : 1)GALDERMA RESEARCH & DEVELOPMENT Address of Applicant :2400 Route des Colles Les Templiers
(32) Name of priority country	:EPO	F-06410 Biot FRANCE
(86) International Application No	:PCT/EP2010/067749	(72)Name of Inventor :
Filing Date	:18/11/2010	1)JOMARD Andr
(87) International Publication No	: NA	2)DELAMADELEINE Fran§oise
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

METHODS AND COMPOSITIONS FOR IMPROVED TREATMENT AND PREVENTION OF AN INFLAMMATORY SKIN DISORDER OR A SIGN AND/OR SYMPTOM ASSOCIATED WITH THE SKIN DISORDER ARE DESCRIBED. THE METHODS INVOLVE TOPICAL APPLICATION TO THE SKIN A COMBINATION OF A THERAPEUTICALLY EFFECTIVE AMOUNT OF AN 2 ADRENERGIC RECEPTOR AGONIST SUCH AS BRIMONIDINE AND A THERAPEUTICALLY EFFECTIVE AMOUNT OF A NON-STEROIDAL ANTI-INFLAMMATORY AGENT SUCH AS DICLOFENAC.

No. of Pages : 44 No. of Claims : 21

(21) Application No.4963/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CAPSULES OF ACTIVE PHARMACEUTICAL INGREDIENTS AND POLYUNSATURATED FATTY ACID ESTERS FOR THE TREATMENT OF CARDIOVASCULAR DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K :200931024 :20/11/2009 :Spain :PCT/EP2010/007025 :19/11/2010	 (71)Name of Applicant : 1)GP PHARM S.A. Address of Applicant :Poligono Industrial Els Vinyets - Els Fogars Ctra. Comarcal 244 km. 22 08777 Sant Quinti de Mediona Barcelona Spain 2)DEFIANTE FARMACEUTICA S.A.
 (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	 (72)Name of Inventor : (72)Name of Inventor : 1)Antonio PARENTE DUE'A 2)CARMINATI Paolo {deceased} whose legal heiress are Maria Gabriella SINGROSSI; Silvia CARMINATI and Giuseppe Paolo CARMINATI

(57) Abstract :

PHARMACEUTICAL COMPOSITION IN THE FORM OF A CAPSULE WHICH CONTAINS POLYUNSATURATED FATTY ACID ALKYL ESTERS (PUFA) AND ACTIVE PHARMACEUTICAL INGREDIENTS FOR THE TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES.

No. of Pages : 22 No. of Claims : 17

(21) Application No.6930/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : RADIOACTIVE METAL-LABELED ANTI-CADHERIN ANTIBODY

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:C07C :2010-028028 :10/02/2010 :Japan :PCT/IP2011/052759	 (71)Name of Applicant : 1)FUJIFILM RI PHARMA CO. LTD. Address of Applicant :14-1 Kyobashi 2-chome Chuo-ku Tokyo 104-0031 Japan 2)PERSEUS PROTEOMICS INC. (72)Name of Inventor : 1)AKIHIRO HINO 2)AKIO NAGANO 3)MASAHIKO WATANABE 4)TADASI MATSUURA 5)HIROKAZU SATOH 6)FUMIKO NOMURA 7)KATSUYUKI MITOMO
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(57) Abstract :

DISCLOSED ARE: A RADIOACTIVE METAL-LABELED ANTI-CADHERIN ANTIBODY WHICH SPECIFICALLY AND HIGHLY ACCUMULATES IN CANCER TISSUES; A HIGHLY SAFE DRUG FOR THE TREATMENT OF CANCER, WHICH HAS A HIGH ANTITUMOR EFFECT; AND A DIAGNOSTIC FOR CANCER. SPECIFICALLY DISCLOSED IS A RADIOACTIVE METAL-LABELED ANTI-CADHERIN ANTIBODY WHICH IS OBTAINED BY BINDING A RADIOACTIVE METAL ELEMENT TO AN ANTI-CADHERIN ANTIBODY VIA A METAL CHELATE REAGENT.

No. of Pages : 118 No. of Claims : 27

(21) Application No.7387/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International classification	:F02B 39/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 018 430.6	1)BORGWARNER INC.
(32) Priority Date	:27/04/2010	Address of Applicant :Patent Department 3850 Hamlin Road
(33) Name of priority country	:Germany	Auburn Hills MI 48326 U.S.A.
(86) International Application No	:PCT/US2011/033397	(72)Name of Inventor :
Filing Date	:21/04/2011	1)HEIDINGSFELDER Leif
(87) International Publication No	:WO 2011/139582	2)RAMB Thomas
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	N 7.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO AN EXHAUST-GAS TURBOCHARGER (1) HAVING A BEARING HOUSING (9); HAVING A TURBINE HOUSING (2) WHICH IS FASTENED TO THE BEARING HOUSING (9); AND HAVING A HEAT SHIELD (12) WHICH HAS A HEAT INSULATING REGION (13) ARRANGED BETWEEN THE TURBINE HOUSING (2) AND THE BEARING HOUSING (9), WHEREIN THE HEAT INSULATING REGION (13) IS PROVIDED, IN ITS OUTER CIRCUMFERENTIAL REGION (14), WITH A SEAL (15).

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

(21) Application No.3102/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : RACK AND PINION STEERING DEVICE, METHOD FOR ASSEMBLING THEREOF, AND BUSH

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:2011- 220740	1)JTEKT CORPORATION Address of Applicant :5-8 Minamisemba 3-chome Chuo-ku
(32) Priority Date	:05/10/2011	Osaka-shi Osaka 542-8502 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SHINGO YOSHINAGA
Filing Date	:NA	2)SHINJI HAKAMATA
(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 A RACK AND PINION STEERING DEVICE (1) -INCLUDING A PINION SHAFT (7), A RACK SHAFT (8) ARRANGED IN A CROSS DIRECTION OF THE PINION SHAFT, A HOUSING (9) FOR HOUSING THE PINION SHAFT AND THE RACK SHAFT, AND TWO BUSHES (11, 12) ARRANGED TO PLACE THE PINION SHAFT THEREBETWEEN IN THE HOUSING AND SUPPORTING THE RACK SHAFT SLIDABLY, AT LEAST ONE OF THE TWO BUSHES INCLUDES: A BUSH MAIN BODY (55) THAT IS C-SHAPED IN A SIDE VIEW WHEN SEEN IN A DIRECTION OF THE RACK SHAFT AND ARRANGED BETWEEN THE RACK SHAFT AND THE HOUSING AT AN END OF THE HOUSING; AND AN ELASTIC MEMBER (56) ATTACHED TO AN OUTER PERIPHERAL SURFACE OF THE BUSH MAIN BODY TO PARTIALLY PROTRUDES THEREFROM, PLACED BETWEEN THE BUSH MAIN BODY AND THE HOUSING, AND URGING THE RACK SHAFT TO THE PINION SHAFT VIA THE BUSH MAIN BODY.

No. of Pages : 77 No. of Claims : 13

(21) Application No.3166/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : STRUT SUSPENSION MOUNTING STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60G :2011- 224939 :12/10/2011 :Japan :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Address of Applicant :33-8 Shiba 5-chome Minato-ku Tokyo 108-8410 Japan (72)Name of Inventor : 1)YUKIKO IKUINE 2)HIDEKI TAKEUCHI
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

A STRUT SUSPENSION MOUNTING STRUCTURE INCLUDES A SPRINGHOUSE INCLUDING: A TORSO PROJECTED FROM A WALL MEMBER ON A VEHICLE BODY WHICH FACES A SUSPENSION, AND INCLUDING A PROJECTING END; AND A CAP MEMBER INCLUDING: AN OUTER PERIPHERAL EDGE WHICH IS FIXED TO THE PROJECTING END OF THE TORSO; A CENTER SUPERPOSITION PORTION WHICH IS LOCATED AT OUTSIDE OF THE OUTER PERIPHERAL EDGE IN A PROJECTING DIRECTION OF THE TORSO, AND TO WHICH A FLANGE ON AN END OF A STRUT OF THE SUSPENSION IS FIXED; AND AN INCLINED WALL CONNECTED TO THE CENTER SUPERPOSITION PORTION AND THE OUTER PERIPHERAL EDGE.

No. of Pages : 30 No. of Claims : 4

(21) Application No.3167/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS FOR FRACTURING AND METHOD FOR PRODUCING FRACTURED FRAGMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B02C4/30 :2011- 231974 :21/10/2011 :Japan :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2, OTERMACHI 1-CHOME, CHIYODA-KU, TOKYO 1008117, JAPAN (72)Name of Inventor : 1)SATO, MOTOKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

AN APPARATUS FOR FRACTURING IN WHICH: A FRACTURING TOOTH IS FORMED SO AS TO HAVE A LARGE BASE PART THAN A TOP END; A FIXING COVER IS FORMED ALONG A LONGITUDINAL DIRECTION OF ROLLS AND IS PROVIDED WITH FIXING HOLES FOR FRACTURING TEETH ARRANGED ALONG THE LONGITUDINAL DIRECTION, EXPANDED PARTS WHICH ARE FORMED BY EXPANDING BOTH SIDES OF THE FIXING HOLES, AND AN INDENTED PART WHICH IS FORMED BY NARROWING A PART BETWEEN THE FIXING HOLES WITH RESPECT TO THE EXPANDED PARTS; THE BASE PART OF THE FRACTURING TOOTH IS HELD BETWEEN THE ROLL AND THE FIXING COVER FIXED ON THE ROLL AND THE INDENTED PART AND THE EXPANDED PART OF THE ADJACENT FIXING COVER ARE ENGAGED WITH EACH OTHER IN FRACTURING TEETH UNIT, SO THAT THE FRACTURING TEETH ARE ARRANGED IN A STAGGERED MANNER.

No. of Pages : 22 No. of Claims : 3

(21) Application No.6265/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ADVANCED CATALYSTS FOR AUTOMOTIVE APPLICATIONS

/13(71)Name of Applicant :291)SDCMATERIALS INC.009Address of Applicant :940 S. Park Lane Suite #2 TempeArizona 85281 U.S.A.2010/059764(72)Name of Inventor :0101)YIN Qinghua1/0754002)QI Xiwang3)BIBERGER Maximilian A.4)LEAMON David
())

(57) Abstract :

EMBODIMENTS OF PRESENT INVENTIONS ARE DIRECTED TO AN ADVANCED CATALYST. THE ADVANCED CATALYST INCLUDES A HONEYCOMB STRUCTURE WITH AN AT LEAST ONE NANO PARTICLE ON THE HONEYCOMB STRUCTURE. THE ADVANCED CATALYST USED IN DIESEL ENGINES IS A TWO WAY CATALYST. THE ADVANCED CATALYST USED IN GAS ENGINES IS A THREE WAY CATALYST. IN BOTH THE TWO WAY CATALYST AND THE THREE WAY CATALYST THE AT LEAST ONE NANO PARTICLE INCLUDES NANO ACTIVE MATERIAL AND NANO SUPPORT. THE NANO SUPPORT IS TYPICALLY ALUMINA. IN THE TWO WAY CATALYST THE NANO ACTIVE MATERIAL IS PLATINUM. IN THE THREE WAY CATALYST THE ALLOY. THE ALLOY IS OF PLATINUM PALLADIUM AND RHODIUM.

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

(21) Application No.7377/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : BIODEGRADABLE MATERIAL CONTAINING SILICON, FOR PRO-ANGIOGENETIC 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 	:22/02/2011 : NA :NA	 (71)Name of Applicant : 1)BAYER INNOVATION GMBH Address of Applicant :Kaiser-Wilhelm-Allee 20 51373 Leverkusen Germany (72)Name of Inventor : 1)IWER BAECKER 2)CHRISTOPH SUSCHEK 3)MAGDA ULRICH 4)BOUKE BOEKEMA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
I ming Date	.11/17	

(57) Abstract :

THE INVENTION RELATES TO A BIODEGRADABLE MATERIAL CONTAINING SILICON, FOR THE PROPHYLAXIS AND/OR TREATMENT OF DISEASES INVOLVING REDUCED AND/OR DISTURBED ANGIOGENESIS AND/OR DISEASES FOR WHICH AN INCREASED ANGIOGENESIS RATE IS REQUIRED FOR THE HEALING PROCESS.

No. of Pages : 30 No. of Claims : 8

(21) Application No.5317/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : YEAST STRAINS PRODUCING MAMMALIAN LIKE COMPLEX N GLYCANS

 (51) International classification (31) Priority Document No (32) Priority Date (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/IB2010/003154 :19/11/2010 :WO 2011/061629 :NA :NA	 (71)Name of Applicant : 1)OXYRANE UK LIMITED Address of Applicant :Greenheys House Manchester Science Park 10 Pencroft Way Manchester M15 6JJ U.K. (72)Name of Inventor : 1)GEYSENS Steven Christian Jozef 2)VERVECKEN Wouter
	:NA :NA	

(57) Abstract :

DESCRIBED HEREIN ARE METHODS AND GENETICALLY ENGINEERED FUNGAL CELLS USEFUL FOR PRODUCING TARGET MOLECULES CONTAINING MAMMALIAN LIKE COMPLEX N GLYCANS OR CONTAINING INTERMEDIATES IN A MAMMALIAN GLYCOSYLATION PATHWAY.

No. of Pages : 143 No. of Claims : 66

(21) Application No.5319/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR ISOMERIZING A HYDROCARBONACEOS FEEDSTOCK USING ALUMINOSILICATE ZSM 12

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:C07C5/27,C07C9/22,B01J29/70 :12/622,669 :20/11/2009 :U.S.A. :PCT/US2010/057357 :19/11/2010 o:WO 2011/063191 :NA :NA :NA	 (71)Name of Applicant : 1)CHEVRON U.S.A. INC. Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A. (72)Name of Inventor : 1)BURTON Allen W. 2)DAVIS Tracy M.
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(57) Abstract :

AN ALUMINOSILICATE ZSM-12 MAY BE PREPARED DE NOVO IN A SMALL CRYSTALLINE FORM FROM A REACTION MIXTURE CONTAINING A SOURCE OF SILICA AND A SOURCE OF ALUMINA. A SMALL CRYSTALLINE FORM OF ALUMINOSILICATE ZSM-12 MAY ALSO BE PREPARED FROM A SMALL CRYSTALLINE FORM OF BOROSILICATE ZSM-12 BY REPLACEMENT OF BORON IN THE BOROSILICATE ZSM-12 FRAMEWORK WITH ALUMINUM. THE ALUMINOSILICATE ZSM-12 IS USEFUL AS AN ISOMERIZATION SELECTIVE CATALYST IN PROCESSES SUCH AS ISOMERIZATION DEWAXING HYDROCARBON FEEDSTOCKS.

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

(21) Application No.6926/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PHTHALATE-FREE ISOCYANURATE FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G 18/02 :10152965.9 :08/02/2010 :EPO :PCT/EP2011/051612 :03/02/2011 : NA	 (71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH Address of Applicant :51369 Leverkusen Germany 2)BAYER INTELLECTUAL PROPERTY GMBH (72)Name of Inventor : 1)THOMAS AUGUSTIN 2)JOSEF SANDERS
 (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 TO NOVEL LOW-MONOMER, LOW-VISCOSITY, HIGHLY EFFECTIVE FORMULATIONS MADE OF ISOCYANATE GROUPS-CONTAINING ISOCYANURATES AND PHTHALATE-FREE PLASTICIZERS, TO THE USE THEREOF AS ADHESION PROMOTERS HAVING IMPROVED ADHESION FOR COATING AGENTS ON THE BASIS OF PLASTICIZED POLYVINYL CHLORIDE, AND TO COATINGS AND COATED SUBSTRATES.

No. of Pages : 16 No. of Claims : 12

(21) Application No.7394/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : BIPHENYL SUBSTITUTED CYCLICAL KETO-ENOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C07C :61/303,071 :10/02/2010 :U.S.A.	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Strasse 10 40789 Monheim Germany (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/051784 :08/02/2011	1)REINER FISCHER 2)STEFAN LEHR
(87) International Publication No	: NA	3)ISOLDE H,,USER-HAHN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)CHRISTOPHER HUGH ROSINGER 5)CHIEKO UENO 6)ARND VOERSTE
(62) Divisional to Application Number Filing Date	:NA :NA	7)ELMAR GATZWEILER 8)INES HEINEMANN 9)ULRICH G-RGENS

(57) Abstract :

THE INVENTION RELATES TO NOVEL COMPOUNDS OF FORMULA (I), WHERE W, X, Y, Z, AND CKE HAVE THE MEANINGS INDICATED ABOVE, TO A PLURALITY OF METHODS AND INTERMEDIATE PRODUCTS FOR PRODUCING SAME, AND TO THE USE THEREOF AS PESTICIDES AND/OR HERBICIDES AND/OR FUNGICIDES. THE INVENTION FURTHER RELATES TO SELECTIVE HERBICIDAL AGENTS COMPRISING BIPHENYL SUBSTITUTED CYCLIC KETO-ENOLS AND A COMPOUND IMPROVING COMPATIBILITY WITH USEFUL PLANTS. THE INVENTION FURTHER RELATES TO INCREASING THE EFFECTIVENESS OF PESTICIDES IN PARTICULAR COMPRISING BIPHENYL SUBSTITUTED CYCLIC KETO-ENOLS, BY ADDING AMMONIUM OR PHOSPHONIUM SALTS AND OPTIONALLY PENETRATION PROMOTERS, TO THE CORRESPONDING AGENTS, TO A METHOD FOR PRODUCING SAME, AND TO THE USE THEREOF IN PEST CONTROL AS INSECTICIDES AND/OR NEMATICIDES AND/OR ACARICIDES AND/OR FUNGICIDES AND/OR FUNGICIDES AND/OR FOR PREVENTING UNWANTED PLANT GROWTH.

No. of Pages : 207 No. of Claims : 27

(21) Application No.7396/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CYLINDRICAL ROTATING MAGNETRON SPUTTERING CATHODE DEVICE AND METHOD OF DEPOSITING MATERIAL USING RADIO FREQUENCY EMISSIONS

(51) International classification	:C23C 14/35	(71)Name of Applicant :
(31) Priority Document No	:61/319592	1)MUSTANG SOLAR LLC
(32) Priority Date	:31/03/2010	Address of Applicant :7135 16th Street E Sarasota FL 34243
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/030726	(72)Name of Inventor :
Filing Date	:31/03/2011	1)CHOQUETTE Robert
(87) International Publication No	:WO 2011/123646	2)GREENWELL Richard
(61) Patent of Addition to Application	:NA	3)DICKEY Aaron
Number	:NA	4)EGLE Lawrence
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A ROTATING MAGNETRON SPUTTERING CATHODE APPARATUS COMPRISING A RADIO FREQUENCY POWER SUPPLY A POWER DELIVERY ASSEMBLY A CYLINDRICAL ROTATING CATHODE A SHAFT AND A DRIVE MOTOR WHEREIN THE POWER DELIVERY ASSEMBLY COMPRISES A MAGNETIC FIELD SOURCE POSITIONED WITHIN THE CATHODE AND AN ELECTRODE EXTENDING WITHIN SAID CATHODE TO TRANSMIT RADIO FREQUENCY ENERGY TO TARGET MATERIAL ON THE OUTER SURFACE OF THE CATHODE. THE ELECTRODE IS ELECTRICALLY ISOLATED FROM THE SHAFT AND IS FORMED FROM NON FERROUS MATERIALS AND THE SHAFT IS MECHANICALLY CONNECTED TO THE CATHODE SUCH THAT THEY REMAIN ELECTRICALLY ISOLATED WHILE THE CATHODE ROTATES ABOUT THE MAGNETIC FIELD SOURCE AND A PORTION OF THE ELECTRODE. THE POWER SUPPLY IS ADAPTED TO SUPPLY RADIO FREQUENCY ENERGY AT FREQUENCIES OF 1 MHZ OR HIGHER AND IS ELECTRICALLY CONNECTED TO THE ELECTRODE. A METHOD OF DEPOSITING MATERIAL WITH A ROTATING CYLINDRICAL MAGNETRON SPUTTERING CATHODE APPARATUS COMPRISING A RADIO FREQUENCY POWER SUPPLY AND A CYLINDRICAL ROTATING CATHODE IS ALSO DISCLOSED WHEREIN THE OUTER SURFACE OF THE ROTATING CATHODE COMPRISES A TARGET MATERIAL FORMED OF AN OXIDE. THE METHOD COMPRISES THE STEPS OF CAUSING THE POWER SUPPLY TO SUPPLY RADIO FREQUENCY ENERGY AT FREQUENCIES OF 1 MHZ OR HIGHER CAUSING THE CATHODE TO ROTATE AND POSITIONING A SUBSTRATE PROXIMATE TO SAID OUTSIDE SURFACE OF SAID CATHODE WHEREBY THE RADIO FREQUENCY ENERGY CAUSES THE CATHODE TO EJECT PARTICLES FROM THE TARGET MATERIAL ONTO THE SUBSTRATE.

No. of Pages : 45 No. of Claims : 29

(21) Application No.3318/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PROCESS FOR HYDROTREATING INFERIOR NAPHTHA FRACTION

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:201110353703.9	
(32) Priority Date	:10/11/2011	Address of Applicant :22 Chaoyangmen North Street
(33) Name of priority country	:China	Chaoyang District Beijing 100728 China
(86) International Application No	:NA	2)FUSHUN RESEARCH INSTITUTE OF PETROLEUM
Filing Date	:NA	AND PETROCHEMICALS SINOPEC
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ZHANG Ying
Filing Date	:NA	2)LI Baozhong
(62) Divisional to Application Number	:NA	3)ZENG Ronghui
Filing Date	:NA	4)SHI Youliang

(57) Abstract :

DISCLOSED IS A PROCESS FOR HYDROTREATING INFERIOR NAPHTHA FRACTION COMPRISING: (1) WARMING A RECYCLE OIL IN A HEATING DEVICE; (2) MIXING THE INFERIOR NAPHTHA FRACTION WITH THE RECYCLE OIL BEFORE AND/OR AFTER THE HEATING DEVICE; AND (3) FEEDING THE MIXTURE OF THE INFERIOR NAPHTHA FRACTION AND THE RECYCLE OIL INTO A SEPARATING UNIT WHEREIN THE GAS-LIQUID SEPARATION IS REALIZED AT LEAST TO OBTAIN A GAS PHASE AND A LIQUID PHASE WHEREIN THE GAS PHASE COMPRISES GASIFIED INFERIOR NAPHTHA WHEREIN THE GAS PHASE ENTERS A HYDROTREATING REACTOR TO UNDERGO HYDROTREATING AND WHEREIN PART OF THE LIQUID PHASE CIRCULATES TO THE HEATING DEVICE AS THE RECYCLE OIL; WHEREIN WARMING OF THE RECYCLE OIL IS CONTROLLED TO ENSURE THE TEMPERATURE OF GAS PHASE FROM THE ...

No. of Pages : 24 No. of Claims : 21

(21) Application No.3319/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD OF PROVIDING HIGH INTEGRITY PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:13/296881 :15/11/2011 :U.S.A.	 (71)Name of Applicant : 1)GE AVIATION SYSTEMS LLC Address of Applicant :3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A. (72)Name of Inventor :
Filing Date	:NA :NA	1)THERIAULT, BRYAN A
(87) International Publication No	: NA	2)DIEKEMA, JON MARC
(61) Patent of Addition to Application Number	:NA :NA	3)COVIAK, KENNETH LEWIS
Filing Date (62) Divisional to Application Number	:NA	4)PLANTE, STEVEN EDWARD
Filing Date	:NA	

(57) Abstract :

A METHOD OF PROVIDING HIGH INTEGRITY COMMUNICATION IN A HIGH INTEGRITY PROCESSING SYSTEM (10) HAVING AT LEAST TWO REDUNDANT APPLICATION PROCESSORS (12 AND 14) IN A NON-LOCKSTEP CONFIGURATION WHERE THE REDUNDANT APPLICATION PROCESSORS (12 AND 14) ARE RUNNING THE SAME APPLICATION AND WHERE THE REDUNDANT APPLICATION PROCESSORS (12 AND 14) ARE CONNECTED TO AT LEAST ONE INPUT/OUTPUT PROCESSOR (16) BY A COMMUNICATION CHANNEL (18).

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

(21) Application No.5366/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : NITROGEN DOPED CARBON NANOTUBES WITH METAL NANOPARTICLES

(51) International classification	:B01J23/42,B01J21/18,B01J35/00,C01B31/02	(71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH
(31) Priority Document No	:102009058833.7	Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany
(32) Priority Date	:18/12/2009	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)AMANN Jens 2)WOLF Aurel
(86) International Application No Filing Date	:PCT/EP2010/069607 :14/12/2010	3)MLECZKO Leslaw 4)SCHLTER Oliver Felix Karl
(87) International Publication No	:WO 2011/080066	
(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 NITROGEN-DOPED CARBON NANOTUBES (NCNT), THE SURFACE OF WHICH IS CHARGED WITH METAL NANOPARTICLES, AND TO A METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS A CATALYST.

No. of Pages : 27 No. of Claims : 10

(21) Application No.7172/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR CONTROLLING HANDOVERS TERMINAL DEVICE BASE STATION AND WIRELESS COMMUNICATIONS 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 	:H04W 36/38 :2010-040464 :25/02/2010 :Japan :PCT/JP2011/051051 :21/01/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan (72)Name of Inventor : 1)HIROAKI TAKANO
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(57) Abstract :

DISCLOSED IS A METHOD THAT EXECUTES HANDOVERS WITHOUT DATA LOSS EVEN IN CIRCUMSTANCES WHEREIN CROSS-SCHEDULING MAY BE TAKING PLACE. IN A METHOD FOR CONTROLLING HANDOVERS FROM A FIRST BASE STATION TO A SECOND BASE STATION BY A TERMINAL DEVICE THAT COMMUNICATES WIRELESSLY UPON A COMMUNICATIONS CHANNEL THAT IS FORMED BY INTEGRATING A PLURALITY OF COMPONENT CARRIERS, SCHEDULING INFORMATION CONCERNING EACH RESPECTIVE COMPONENT CARRIER IS DISTRIBUTED ACCORDING TO ETHER A STRAIGHT SCHEDULING PROTOCOL OR A CROSS-SCHEDULING PROTOCOL, AND THE METHOD INCLUDES A STEP OF INSTRUCTING A HANDOVER FROM THE FIRST BASE STATION INITIALLY TO THE TERMINAL DEVICE CONCERNING A SECOND COMPONENT CARRIER THAT IS TO BE OPERATED ACCORDING TO THE STRAIGHT SCHEDULING PROTOCOL UPON THE SECOND BASE STATION WHEN IT IS DETERMINED THAT A HANDOVER IS TO BE EXECUTED CONCERNING A FIRST COMPONENT CARRIER ACCORDING TO THE CROSS-SCHEDULING PROTOCOL.

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

(19) INDIA

(22) Date of filing of Application :24/08/2012

(21) Application No.7405/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PLUG CAP

(51) International classification	:F02P 13/00	(71)Name of Applicant :
(31) Priority Document No	:2010-038536	1)NGK SPARK PLUG CO., LTD.
(32) Priority Date	:24/02/2010	Address of Applicant :14-18 TAKATSUJI-CHO, MIZUHO-
(33) Name of priority country	:Japan	KU, NAGOYA-SHI, AICHI 467-8525, JAPAN
(86) International Application No	:PCT/JP2011/054042	2)HONDA MOTOR CO. LTD.
Filing Date	:23/02/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)FUMA Tomohiro
(61) Patent of Addition to Application	:NA	2)OHTA Junpei
Number	:NA :NA	3)KITAMURA Ryohei
Filing Date	.11/2	4)YAMAMOTO Takao
(62) Divisional to Application Number	:NA	5)SONODA Yutaka
Filing Date	:NA	

(57) Abstract :

PROVIDED IS A PLUG CAP WHICH SUPPRESSES ENTRY OF WATER THROUGH A GAP BETWEEN A TERMINAL BODY AND A RUBBER MEMBER, SO THAT ELECTRIC CURRENT IS RELIABLY PREVENTED FROM LEAKING. A PLUG CAP (1) IS PROVIDED WITH AN ELECTRIC CONNECTION PORTION (5) FOR ELECTRICALLY CONNECTING A SPARK PLUG TO A PLUG CORD, A TERMINAL BODY (2) PROVIDED ON THE OUTER PERIPHERAL SIDE OF THE ELECTRIC CONNECTION PORTION (5), AND A CYLINDRICAL RUBBER MEMBER (3) WHICH IS ATTACHED TO AT LEAST EITHER ONE END OR THE OTHER END OF THE TERMINAL BODY (2) AND TO WHICH THE SPARK PLUG IS INSERTED. THE TERMINAL BODY (2) HAS, ON ONE SIDE THEREOF, A ONE END-SIDE INSERTION PORTION (41) TO WHICH THE SPARK PLUG IS INSERTED, AND HAS, ON THE OTHER SIDE THEREOF, ANOTHER END-SIDE INSERTION PORTION (42) TO WHICH THE PLUG CORD IS INSERTED. THE RUBBER MEMBER (3) HAS AN INNER TUBE PORTION (31) INSERTED TO THE ONE END-SIDE INSERTION PORTION (41) OR THE ANOTHER END-SIDE INSERTION PORTION (42), AND A CYLINDRICAL OUTER TUBE PORTION (32) POSITIONED ON THE OUTER PERIPHERAL SIDE OF THE INNER TUBE PORTION (31). THE INNER TUBE PORTION (31) IS PROVIDED WITH AN ANNULAR PROTRUSION (35) WHICH IS IN CONTACT WITH THE INNER PERIPHERAL SURFACE OF THE TERMINAL BODY (2).

No. of Pages : 38 No. of Claims : 6

(21) Application No.3723/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MOBILE ENERGY ATTENUATING SEAT AND SAFETY HARNESS FOR AIRCRAFT

(51) International classification (31) Priority Document No	:A47D 13/10 :61/260.062	(71)Name of Applicant : 1)BELL HELICOPTER TEXTRON INC.
(32) Priority Date	:11/11/2009	Address of Applicant :P.O.BOX 482, FORT WORTH, TX
(33) Name of priority country	:U.S.A.	76101, U.S.A.
(86) International Application No		(72)Name of Inventor :
Filing Date	:10/11/2010	1)AMANTE, WILLIAM A.
(87) International Publication No	:WO 2011/060061	2)WILKERSON, DARRELL W.
(61) Patent of Addition to Application Number	:NA	3)PONGRANTZ, JERRY A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN ENERGY ATTENUATING SEAT SYSTEM FOR AN AIRCRAFT INCLUDES ENERGY ATTENUATING FEATURES AND IS ALSO CONFIGURED TO PROVIDE MOBILITY FOR THE OCCUPANT. THE SYSTEM IS CONFIGURED TO SUSPEND THE OPERATOR, OR GUNNER, WITH A SUPPORT FROM THE ROOF OF THE AIRCRAFT. THE SYSTEM INCLUDES AN ARMORED SEAT OR BODY HARNESS FOR THE OCCUPANT. THE SYSTEM PROVIDES ENERGY ATTENUATION IN MULTIPLE DIRECTIONS. THE SYSTEM ALSO OPTIONALLY INCLUDES A FLOOR TETHER IN ORDER TO CONTROL THE MOVEMENTS OF THE OCCUPANT. THE SYSTEM MAY ALSO INCLUDE AN IMPACT DETECTION SYSTEM TO SELECTIVELY CHANGE THE TENSION OF THE SUPPORT AND/OR FLOOR HARNESS. THE SYSTEM MAY ALSO INCLUDE ONE OR MORE AIRBAGS EITHER WITHIN IN THE FUSELAGE OF THE AIRCRAFT, OR INCLUDED IN THE SEAT SYSTEM IN ORDER TO PROVIDE ENERGY ATTENUATION.

No. of Pages : 23 No. of Claims : 33

(21) Application No.5360/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DEVICE AND METHODS FOR PERFORMING SIZE EXCLUSION CHROMATOGRAPHY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/286,582 :15/12/2009 :U.S.A. :PCT/US2010/060557 :15/12/2010	 (71)Name of Applicant : 1)WATERS TECHNOLOGIES CORPORATION Address of Applicant :34 Maple Street Milford Massachusetts 01757 U.S.A. (72)Name of Inventor : 1)EDOUARD S.P. BOUVIER
 (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	2)KEVIN D. WYNDHAM 3)THOMAS H. WALTER 4)UWE D. NEUE

(57) Abstract :

THE PRESENT INVENTION IS DIRECTED TO A DEVICE AND A METHOD FOR PERFORMING SIZE EXCLUSION CHROMATOGRAPHY. EMBODIMENTS OF THE PRESENT INVENTION FEATURE DEVICES AND METHODS FOR SIZE EXCLUSION CHROMATOGRAPHY AT NORMAL HIGH PERFORMANCE LIQUID CHROMATOGRAPHY OR ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY PRESSURES AND ABOVE USING SMALL PARTICLES.

No. of Pages : 76 No. of Claims : 55

(21) Application No.7312/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HEAT EXCHANGER			
(51) International classification	:F28F 9/02	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)SANDEN CORPORATION	
(32) Priority Date	:NA	Address of Applicant :20 Kotobuki-cho Isesaki-shi Gunma	
(33) Name of priority country	:NA	372-8502 Japan	
(86) International Application No		(72)Name of Inventor :	
Filing Date	:19/02/2010	1)TOMOHIRO CHIBA	
(87) International Publication No	: NA	2)YUUKI TAKAHASHI	
(61) Patent of Addition to Application	:NA		
Number Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

PROVIDED IS A HEAT EXCHANGER HAVING AN EXCELLENT FLOWABILITY OF A HEAT MEDIUM, WHICH CAN SUBSTANTIALLY UNIFORMLY CIRCULATE A HEAT MEDIUM IN HEAT EXCHANGE TUBES WHILE REDUCING THE SIZE AND THE WEIGHT OF A TANK PORTION AND THUS THE REDUCTION OF THE SIZE AND THE WEIGHT OF THE ENTIRETY OF THE HEAT EXCHANGER. IN THE HEAT EXCHANGER, TANK PORTIONS ARE PROVIDED ON THE HEAT MEDIUM INLET SIDE AND THE HEAT MEDIUM OUTLET SIDE; A PLURALITY OF HEAT EXCHANGE TUBES ARRANGED IN PARALLEL COMMUNICATE WITH THE TANK PORTIONS; AN INLET-SIDE PIPE JOINT TO BE CONNECTED TO AN EXTERNAL PIPE IS CONNECTED TO AN END PORTION OF THE HEAT MEDIUM INLET SIDE TANK PORTION IN THE LONGITUDINAL DIRECTION; AND AN OUTLET-SIDE PIPE JOINT TO BE CONNECTED TO AN END PORTION OF THE HEAT MEDIUM OUTLET SIDE TANK PORTION IN THE LONGITUDINAL DIRECTION OF THE HEAT MEDIUM OUTLET SIDE TANK PORTION IN THE LONGITUDINAL DIRECTION OF THE HEAT MEDIUM OUTLET SIDE TANK PORTION IN THE PIPE IS CONNECTED TO AN EXPANDED PORTION OF THE HEAT MEDIUM OUTLET SIDE TANK PORTION IN THE PIPE JOINT TO BE CONNECTED TO AN EXPANDED PORTION OF THE HEAT MEDIUM OUTLET SIDE TANK PORTION IN THE PIPE JOINT ON THE HEAT MEDIUM OUTLET SIDE TANK PORTION. AN EXPANDED PORTION EXPANDING OUTWARD IS PROVIDED AT THE CENTER PORTION, IN THE TANK WIDTH DIRECTION, IN THE PIPE JOINT CONNECTED PORTION OF AT LEAST ONE TANK PORTION.

No. of Pages : 27 No. of Claims : 12

(21) Application No.7516/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : BISARYL-BONDED ARYLTRIAZOLONES AND USE THEREOF

(51) International classification	:C07D 249/12	(71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH
(31) Priority Document No	:10 2010 009 631.8	Address of Applicant : Alfred-Nobel-Str. 10 D 40789
(32) Priority Date	:27/02/2010	Monheim Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/052781	1)CHANTAL FRSTNER
Filing Date	:25/02/2011	2)J–RG KELDENICH
(87) International Publication No	: NA	3)MARTINA DELBECK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)PETER KOLKHOF 5)AXEL KRETSCHMER 6)INGO PLUSCHKELL
(62) Divisional to Application Number	:NA	7)ELISABETH POOK
Filing Date	:NA	8)CARSTEN SCHMECK 9)HUBERT TRBEL

(57) Abstract :

THE PRESENT APPLICATION RELATES TO NOVEL BISARYL-BONDED 5-ARYL-1,2,4-TRIAZOLONE DERIVATIVES, TO PROCESSES FOR PREPARATION THEREOF, TO THE USE THEREOF ALONE OR IN COMBINATION FOR TREATMENT AND/OR PREVENTION OF DISORDERS, AND TO THE USE THEREOF FOR PRODUCTION OF MEDICAMENTS FOR TREATMENT AND/OR PREVENTION OF DISORDERS, ESPECIALLY FOR TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES.

No. of Pages : 237 No. of Claims : 12

(21) Application No.7518/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LOCKING APPARATUS HAVING A TUMBLER FOR SAFETY DOORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E05B 15/02 :10 2010 007 388.1 :02/02/2010 :Germany :PCT/EP2011/051166 :27/01/2011	 (71)Name of Applicant : 1)PILZ AUSLANDSBETEILIGUNGEN GMBH Address of Applicant :Felix-Wankel-Str. 2 73760 Ostfildern Germany (72)Name of Inventor : 1)PULLMANN Juergen
 (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	2)RUPP Roland 3)VEIT Andreas

(57) Abstract :

THE INVENTION RELATES TO A LOCKING APPARATUS HAVING A TUMBLER FOR SAFETY DOORS, HAVING A DOOR PART (28) FOR FASTENING TO A MOVABLE SAFETY DOOR (18) AND HAVING A FRAME PART (26) FOR FASTENING TO A DOOR COUNTER-PIECE (16), WHEREIN THE FRAME PART (26) HAS A RECEPTACLE (66) AND THE DOOR PART (28) HAS AN ACTUATOR (48) WHICH CAN BE FED TO THE RECEPTACLE (66), WHEREIN THE FRAME PART (26) FURTHERMORE HAS A BLOCKING MEMBER (68) WHICH CAN BE MOVED BETWEEN A RELEASE POSITION, IN WHICH THE ACTUATOR (48) CAN BE SELECTIVELY RELEASED, AND A BLOCKING POSITION, IN WHICH THE ACTUATOR (48) IS RECEIVED ON THE DOOR PART (28) VIA AN ELASTIC EQUALIZATION ELEMENT (40).

No. of Pages : 39 No. of Claims : 15

(21) Application No.5430/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR THE SEPARATION OF AIR BY CRYOGENIC DISTILLATION

(51) International classification (31) Priority Document No	:F25J 3/00 :12/640,167	(71)Name of Applicant : 1)LAIR LIQUIDE - SOCIETE ANONYME POUR
(32) Priority Date	:17/12/2009	LETUDE ET LEXPLOITATION DES PROCEDES
(33) Name of priority country	:U.S.A.	GEORGES CLAUDE
(86) International Application No	:PCT/US2010/058887	Address of Applicant :75 Quai dOrsay F-75007 Paris France.
Filing Date	:03/12/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)HA Bao
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)BRUGEROLLE Jean-Renaud
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A PROCESS FOR THE CRYOGENIC SEPARATION OF AIR USING A MULTIPLE COLUMN DISTILLATION SYSTEM COMPRISING AT LEAST A HIGHER PRESSURE COLUMN (HP COLUMN) AND A LOWER PRESSURE COLUMN (LP COLUMN), COMPRISING: FEEDING COOLED FEED AIR TO THE HIGH PRESSURE COLUMN FOR SEPARATION INTO HIGH PRESSURE NITROGEN-ENRICHED OVERHEAD VAPOR AND CRUDE LIQUID OXYGEN; FEEDING AT LEAST ONE LOW PRESSURE COLUMN FEED STREAM COMPRISING NITROGEN AND OXYGEN TO THE LOW PRESSURE COLUMN FOR SEPARATION INTO NITROGEN-RICH OVERHEAD VAPOR AND LIQUID OXYGEN; REFLUXING THE LOW PRESSURE COLUMN WITH A LIQUID STREAM FROM OR DERIVED FROM THE HIGH PRESSURE COLUMN; FEEDING EXPANDED AIR TO AN AUXILIARY SEPARATION COLUMN FOR SEPARATION INTO AUXILIARY COLUMN NITROGEN-RICH OVERHEAD VAPOR AND OXYGEN-RICH LIQUID AND REMOVING THE NITROGEN RICH OVERHEAD VAPOUR AS A PRODUCT STREAM; FEEDING BOTTOM LIQUID FROM THE AUXILIARY COLUMN TO AN INTERMEDIATE LOCATION OF THE LOW PRESSURE COLUMN;AND REFLUXING THE AUXILIARY COLUMN WITH A NITROGEN RICH LIQUID STREAM FROM OR DERIVED FROM THE AUXILIARY COLUMN WITH A NITROGEN RICH LIQUID STREAM FROM OR DERIVED FROM THE AUXILIARY COLUMN WITH A NITROGEN RICH LIQUID STREAM FROM OR DERIVED FROM THE HP COLUMN.

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

(21) Application No.5431/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : Process and Apparatus for the Separation of Air by Cryogenic Distillation

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F25J 3/04 :12/640,221 :17/12/2009 :U.S.A. :PCT/US2010/058874 :03/12/2010 : NA :NA :NA	 (71)Name of Applicant : 1)LAIR LIQUIDE - SOCIETE ANONYME POUR LETUDE ET LEXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant :75 Quai dOrsay F-75007 Paris France. (72)Name of Inventor : 1)HA Bao 2)BRUGEROLLE Jean-Renaud
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

IN A PROCESS FOR THE PRODUCTION OF NITROGEN AND OF OXYGEN ENRICHED LIQUID BY SEPARATION OF AIR BY CRYOGENIC DISTILLATION, A FIRST STREAM OF AIR IS SENT TO AN EXCHANGER TO FORM A FIRST COOLED AIR STREAM, THE FIRST COOLED AIR STREAM IS SENT TO A BOTTOM REBOILER OF A COLUMN, CONDENSED AIR IS SENT FROM THE BOTTOM REBOILER TO A TOP CONDENSER OF THE COLUMN, VAPORIZED AIR IS SENT FROM THE TOP CONDENSER TO A FIRST COMPRESSOR, AIR IS SENT FROM THE FIRST COMPRESSOR TO THE COLUMN, AIR IS SENT TO A SECOND COMPRESSOR AND FROM THE SECOND COMPRESSOR TO THE EXCHANGER TO PRODUCE A COOLED SECOND AIR STREAM, THE COOLED SECOND AIR STREAM IS SENT TO A FIRST TURBOEXPANDER AND FROM THE TURBO EXPANDER TO THE COLUMN, BOTTOM LIQUID IS REMOVED FROM THE COLUMN AND GASEOUS NITROGEN IS REMOVED FROM THE TOP OF THE COLUMN.

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

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(21) Application No.7521/DELNP/2012 A

(54) Title of the invention : METHODS AND SYSTEMS TO RECOGNIZE QUANTITATIVE MISPRICING OF GAMING MARKERS

(51) International classification	:G06Q 50/00	(71)Name of Applicant :
(31) Priority Document No	:61/300013	1)WOLFE Karl G.
(32) Priority Date	:31/01/2010	Address of Applicant :38 Edgewood Drive Cherry Hill NJ
(33) Name of priority country	:U.S.A.	08003 U.S.A.
(86) International Application No	:PCT/US2011/022952	2)MASTRO Ryan C.
Filing Date	:28/01/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/094561	1)WOLFE Karl G.
(61) Patent of Addition to Application	:NA	2)MASTRO Ryan C.
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for recognizing and evaluating the quantitative mispricing of gaming markers. One method includes the steps of defining at least two entities, defining a measured marker, defining a cumulative period of events of the two entities, each event having the measured marker, assigning a value to the measured marker based on the at least two entities achievement or failure to obtain the measured marker for each event during the cumulative period, measuring the divergence of the value of the measured marker during the cumulative period, and quantifying the divergence. One such system accepts information from a user via an interface, calculates a divergence value and/or graph(s) for upcoming event(s) based upon the information input by the user, and provides the divergence value and/or graph(s) to a user. The divergence value may be compared to a scale of divergence values to evaluate a strength of such value.

No. of Pages : 134 No. of Claims : 9

(21) Application No.7523/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMAGE PROCESSING DEVICE IMAGE PROCESSING 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 	:H04N 9/07 :2010-047369 :04/03/2010 :Japan :PCT/JP2011/050043 :05/01/2011 : NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan (72)Name of Inventor : 1)YASUSHI SAITO 2)ISAO HIROTA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A DEVICE AND METHOD FOR GENERATING RGB ARRANGEMENT DATA FROM AN IMAGING SIGNAL BY A PHOTOGRAPH IMAGING DEVICE HAVING AN RGBW ARRANGEMENT ARE PROVIDED. AN EDGE DETECTION UNIT ANALYZES AN OUTPUT SIGNAL IN THE RGBW ARRANGEMENT FROM THE IMAGING DEVICE, AND THUS OBTAINS EDGE INFORMATION CORRESPONDING TO EACH PIXEL, AND A TEXTURE DETECTION UNIT GENERATES TEXTURE INFORMATION. FURTHERMORE, A PARAMETER CALCULATION UNIT PERFORMS AN INTERPOLATION PROCESS OF CONVERTING AN APPLICATION PIXEL POSITION ACCORDING TO THE EDGE DIRECTION CORRESPONDING TO A CONVERSION PIXEL. A BLEND PROCESS UNIT INPUTS A PARAMETER WHICH THE PARAMETER CALCULATION UNIT GENERATES, EDGE INFORMATION AND TEXTURE INFORMATION, AND DETERMINES A CONVERSION PIXEL VALUE BY PERFORMING A BLEND PROCESS BY CHANGING A BLEND RATIO OF THE PARAMETER WHICH THE PARAMETER CALCULATION UNIT CALCULATES, ACCORDING TO THE EDGE INFORMATION CORRESPONDING TO THE CONVERSION PIXEL AND THE TEXTURE INFORMATION.

No. of Pages : 219 No. of Claims : 17

(21) Application No.3215/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : POWER PLANT AND METHOD FOR RETROFIT

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:11185447.7	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:17/10/2011	Address of Applicant : BROWN BOVERI STRASSE 7, 5400
(22) Name of priority country	:EUROPEAN	BADEN, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)LI, HONGTAO
Filing Date	:NA	2)ZAGORSKIY, Alexander
(87) International Publication No	: NA	3)HOFFMANN, JURGEN
(61) Patent of Addition to Application Number	:NA	4)DROUX, FRANCOIS
Filing Date	:NA	5)RUCHTI, CHRISTOPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE POWER PLANT (1) COMPRISES A FIRST GAS TURBINE ENGINE (2), A SECOND GAS TURBINE ENGINE (2), A FLUE GAS DUCT (4), A CO2 CAPTURE SYSTEM (5) FOR TREATING FLUE GASES FROM THE SECOND GAS TURBINE ENGINE (3) AND AN EXHAUST SYSTEM (6) . IT ADDITIONALLY COMPRISES AT LEAST ONE AMONG A DIRECT CONNECTION (9) BETWEEN THE FIRST GAS TURBINE ENGINE (2) AND THE EXHAUST SYSTEM (6), AND A DAMPER (10) FOR ON-LINE REGULATING THE FLUE GASES FLOW THROUGH IT, A DIRECT CONNECTION (13) BETWEEN THE FIRST GAS TURBINE ENGINE (5), AND A DAMPER (14) FOR REGULATING THE FLUE GASES FLOW THROUGH IT, A DAMPER (14) FOR REGULATING THE FLUE GASES FLOW THROUGH IT, A DAMPER (14) FOR THE SECOND GAS TURBINE ENGINE (3).

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

(21) Application No.5294/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROLLING THE DETECTABILITY OF AN ARTICLE AND METHOD FOR AUTHENTICATING THE 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 	:61/287,588 :17/12/2009 :U.S.A. :PCT/US2010/060919 :17/12/2010 :WO 2011/084663 :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)KANE James 2)RAPOPORT William R. 3)LAU Carsten
Filing Date	:NA	

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(57) Abstract :

CASCADING PHOSPHORS ARE DESCRIBED HEREIN THAT PRODUCE EMISSIONS WHEN THEY ARE EXCITED BY INCIDENT RADIATION. THE CASCADING PHOSPHORS CAN BE APPLIED TO ARTICLES, AND CAN BE USEFUL IN AUTHENTICATING THE ARTICLE. THE CASCADING PHOSPHORS INCLUDE A HOST AND AT LEAST THREE ACTIVE IONS.

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

(21) Application No.5295/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PRODUCING 1 ALKYL /1 ARYL 5 PYRAZOLE CARBOXYLIC ACID 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 Application Number Filing Date 	:PCT/EP2010/069385 :10/12/2010 :WO 2011/073101 :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)PAZENOK Sergii 2)LUI Norbert 3)GERUS Igor
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(57) Abstract :

THE INVENTION RELATES TO A METHOD FOR PRODUCING 1-ALKYL- OR 1-ARYL-SUBSTITUTED 5-PYRAZOLE-CARBOXYLIC ACID DERIVATIVES, HAVING THE STEPS OF CONVERTING SUBSTITUTED 1,3-DIOXOLANES AND 1,4-DIOXANES INTO 1-ALKYL- OR 1-ARYL-SUBSTITUTED DIHYDRO-1H-PYRAZOLES WITH ALKYL OR ARYL HYDRAZINES, AND FURTHER REACTING SAID PYRAZOLES INTO 1-ALKYL- OR 1-ARYL-SUBSTITUTED 5-PYRAZOLE-CARBOXYLIC ACID DERIVATIVES, WHICH CAN BE USED AS VALUABLE INTERMEDIATE PRODUCTS FOR PRODUCING ANTHRANILIC ACID AMIDES THAT HAVE AN INSECTICIDAL EFFECT.

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

(21) Application No.6974/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYNTHESIS OF DGJNAc FROM D-GLUCURONOLACTONE AND USE TO INHIBIT ALPHA-N-ACETYLGALACTOSAMINIDASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/282,393 :02/02/2010 :U.S.A. :PCT/IB2011/000380 :28/01/2011 : NA :NA :NA	 (71)Name of Applicant : 1)THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD Address of Applicant :University Offices Wellington Square Oxford OX1 2JD United Kingdom (72)Name of Inventor : 1)FLEET George William John 2)BUTTERS Terry Douglas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A CONVENIENT AND SCALABLE SYNTHESIS OF DGJNAC 1D FROM D-GLUCURONOLACTONE IN AN OVERALL YIELD OF 20% IS PROVIDED. DGJNAC IS THE FIRST HIGHLY POTENT AND SPECIFIC COMPETITIVE INHIBITOR OF GALNACASES. DGJNAC 1D IS ALSO A COMPETITIVE INHIBITOR OF -HEXOSAMINIDASES. SYNTHESIS AND ACTIVITY OF L-DGJNAC 1L IS ALSO SHOWN. THE USE OF DGJNAC AS A POTENT AND SPECIFIC INHIBITOR OF GALNACASES WILL ALLOW USEFUL INVESTIGATION AND TREATMENT OF A NUMBER OF DISEASES INCLUDING SCHINDLER DISEASE.

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

(21) Application No.7527/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CRYSTALLINE FORMS FOR 5-AMINO-2 3-DIHYDROPHTHALAZINE-1 4-DIONE SODIUM SALT PHARMACEUTICAL PREPARATIONS CONTAINING THE SAME AND METHOD FOR THE PRODUCTION OF SAID FORMS

 (51) International classification (31) Priority Document No (32) Priority Date (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 :10002067.6 :01/03/2010 :EPO :PCT/EP2011/001124 :01/03/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)METRIOPHARM AG Address of Applicant :Bleicherweg 45 CH-8002 Z¼rich SWITZERLAND (72)Name of Inventor : 1)JOSEF BREU 2)WOLFGANG BRYSCH 3)ASTRID KAISER 4)BEATE LUDESCHER 5)GERRIT MAASS 6)THOMAS MARTIN 7)WOLFGANG MILIUS 8)MICHAEL NIEDERMAIER
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(57) Abstract :

THE INVENTION RELATES TO THE PROVISION OF TWO NOVEL CRYSTALLINE FORMS I AND II FOR 5-AMINO-2,3-DIHYDROPHTHALAZINE-1,4-DIONE SODIUM SALT. SURPRISINGLY IT WAS DISCOVERED THAT FORM I AND FORM II HAVE DIFFERING IMMUNOLOGICAL EFFECTS. THIS ADVANTAGEOUS PROPERTY IS USEFUL FOR IMMUNE-SPECIFIC APPLICATIONS. IN ADDITION, BOTH FORMS HAVE ADVANTAGEOUS PHYSICOCHEMICAL PROPERTIES WHICH ARE USEFUL IN THE PRODUCTION, FURTHER PROCESSING AND/OR USE OF A PHARMACEUTICAL PREPARATION OF FORM I, FORM II OR A MIXTURE OF BOTH.

No. of Pages : 61 No. of Claims : 14

(21) Application No.7529/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HYDRAZINE-SUBSTITUTED ANTHRANILIC ACID DERIVATIVES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/302,651	1)BAYER CROPSCIENCE AG
(32) Priority Date	:09/02/2010	Address of Applicant : Alfred-Nobel-Str. 50 40789 Monheim
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2011/051665	(72)Name of Inventor :
Filing Date	:04/02/2011	1)RUDIGER FISCHER
(87) International Publication No	: NA	2)HEINZ- JUERGEN WROBLOWSKY
(61) Patent of Addition to Application	:NA	3)ERNST RUDOLF GESING
Number	:NA :NA	4)CHRISTOPH GRONDAL
Filing Date	.INA	5)ACHIM HENSE
(62) Divisional to Application Number	:NA	6)ARND VOERSTE
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO NOVEL HYDRAZINE-SUBSTITUTED ANTHRANILIC ACID DERIVATIVES OF THE GENERAL FORMULA (I) N O R1 R6 X N QX NR2 R4 R3 A QY (R5)N (I), WHERE R1, R2, R3, R4, R5, R6, QX, A, QY AND N HAVE THE MEANINGS INDICATED IN THE DESCRIPTION, TO THE USE THEREOF AS INSECTICIDES AND ACARICIDES FOR CONTROLLING ANIMAL PESTS, ALSO IN COMBINATION WITH FURTHER AGENTS FOR INCREASING EFFECTIVENESS, AND TO A PLURALITY OF METHODS FOR PRODUCING SAME.

No. of Pages : 95 No. of Claims : 11

(21) Application No.5433/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SWEETNESS ENHANCERS COMPOSITIONS THEREOF AND METHODS FOR USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A23L :61/290,370 :28/12/2009 :U.S.A. :PCT/US2010/062210 :28/12/2010	 (71)Name of Applicant : 1)THE COCA-COLA COMPANY Address of Applicant :One Coca-Cola Plaza NW Atlanta Georgia 30313 U.S.A. (72)Name of Inventor : 1)INDRA PRAKASH
 (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	2)GRANT E. DUBOIS 3)JOSEF KLUCIK 4)RAFAEL I. SAN MIGUEL 5)RUDY J. FRITSCH 6)VENKATA SAI PRAKASH CHATURVEDULA

(57) Abstract :

DISCLOSED HEREIN ARE SWEETENER COMPOSITIONS COMPRISING AT LEAST ONE SWEETENER AND AT LEAST ONE SWEETNESS ENHANCER CHOSEN FROM TERPENES (SUCH AS SESQUITERPENES, DITERPENES, AND TRITERPENES), FLAVONOIDS, AMINO ACIDS, PROTEINS, POLYOLS, OTHER KNOWN NATURAL SWEETENERS (SUCH AS CINNAMALDEHYDES, SELLIGUEIANS, HEMATOXYLINS), SECODAMMARANE GLYCOSIDES, AND ANALOGUES THEREOF, WHEREIN THE AT LEAST ONE SWEETNESS ENHANCER IS PRESENT IN THE COMPOSITION IN AN AMOUNT AT OR BELOW THE SWEETNESS DETECTION THRESHOLD LEVEL OF THE SWEETNESS EHANCER, AND THE AT LEAST ONE SWEETENER AND THE AT LEAST ONE SWEETNESS ENHANCER ARE DIFFERENT. ALSO DISCLOSED HEREIN ARE METHODS FOR ENHANCING SWEETNESS OF A COMPOSITION, COMPRISING COMBINING AT LEAST ONE SWEETENER AND AT LEAST ONE SWEETNESS ENHANCER CHOSEN FROM TERPENES (SUCH AS SESQUITERPENES, DITERPENES, AND TRITERPENES), FLAVONOIDS, AMINO ACIDS, PROTEINS, POLYOLS, OTHER KNOWN NATURAL SWEETENERS (SUCH AS CINNAMALDEHYDES, SELLIGUEIANS, HEMATOXYLINS), SECODAMMARANE GLYCOSIDES, AND ANALOGUES THEREOF, WHEREIN THE AT LEAST ONE SWEETNESS ENHANCER IS PRESENT IN THE COMPOSITION IN AN AMOUNT AT OR BELOW THE SWEETNESS DETECTION THRESHOLD LEVEL OF THE AT LEAST ONE SWEETNESS ENHANCER, AND THE AS DETECTION THRESHOLD LEVEL OF THE AT LEAST ONE SWEETNESS ENHANCER, AND THE AS DETECTION THRESHOLD LEVEL OF THE AT LEAST ONE SWEETNESS ENHANCER, AND THE AT LEAST ONE SWEETNESS DETECTION

No. of Pages : 54 No. of Claims : 26

(21) Application No.5434/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DETOXIFICATION WITH REDUCING 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 	:C07C :09180193.6 :21/12/2009 :EPO :PCT/EP2010/070127 :17/12/2010 : NA :NA :NA :NA	 (71)Name of Applicant : 1)SEKAB E-TECHNOLOGY AB Address of Applicant :Box 286 S-891 26 –rnskldsvik Sweden (72)Name of Inventor : 1)LEIF J–NSSON 2)BJ–RN ALRIKSSON 3)ADNAN CAVKA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE PRESENT INVENTION PROVIDES A METHOD FOR DECREASING THE FERMENTATION INHIBITION IN A PROCESS FOR PRODUCING A TARGET CHEMICAL FROM A PRETREATED CELLULOSIC MATERIAL, THE PROCESS COMPRISING ENZYMATIC HYDROLYSIS OF THE PRETREATED CELLULOSIC MATERIAL AND FERMENTATION OF HYDROLYSED MATERIAL, WHEREIN THE FERMENTATION INHIBITORY PROPERTIES OF THE MATERIAL SUBJECTED TO FERMENTATION IS DECREASED BY AN ADDITION OF AT LEAST ONE REDUCING AGENT TO THE PRETREATED MATERIAL OR HYDROLYSED MATERIAL. MOREOVER, THE PRESENT INVENTION PROVIDES THE USE OF DITHIONITE FOR DECREASING THE FERMENTATION INHIBITORY PROPERTIES OF A MATERIAL BEING SUBJECTED TO SIMULTANEOUS ENZYMATIC HYDROLYSIS AND FERMENTATION.

No. of Pages : 39 No. of Claims : 16

(21) Application No.7549/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A COATED TABLET DOSAGE FORM FOR DELIVERY OF GLUCOCORTICOID REPLACEMENT THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K :0401031.0 :22/04/2004 :Sweden :PCT/EP05/004400 :21/04/2005	 (71)Name of Applicant : 1)DUOCORT PHARMA AB Address of Applicant :Kullagatan 8 SE-252 20 Helsingborg Sweden (72)Name of Inventor : 1)STANKO SKRTIC
 (87) International Publication No (61) Patent of Addition to Application	: NA	2)JORGEN JOHNSSON
Number	:NA	3)HANS LENNERNAS
Filing Date (62) Divisional to Application Number	:6945/DELNP/2006	4)THOMAS HEDNER
Filed on	:21/11/2006	5)GUDMUNDUR JOHANNSSON

(57) Abstract :

THE INVENTION RELATES TO GLUCOCORTICOID REPLACEMENT THERAPY AND PROVIDES PHARMACEUTICAL COMPOSITIONS AND KITS DESIGNED TO DELIVER ONE OR MORE GLUCOCORTICOIDS TO A SUBJECT IN NEED THEREOF IN A MANNER THAT RESULTS IN SERUM LEVELS OF THE GLUCOCORTICOID THAT ESSENTIALLY MIMIC THAT OF A HEALTHY SUBJECT FOR A CLINICALLY RELEVANT PERIOD OF TIME. THE PHARMACEUTICAL COMPOSITION COMPRISES ONE OR MORE GLUCOCORTICOIDS, WHEREIN A FIRST PART OF ONE OR MORE GLUCOCORTICOIDS IS SUBSTANTIALLY IMMEDIATELY RELEASED AND A SECOND PART OF ONE OR MORE GLUCOCORTICOIDS IS RELEASED OVER AN EXTENDED PERIOD OF TIME OF AT LEAST ABOUT 8 HOURS, AND THE AMOUNT OF THE ONE OR MORE GLUCOCORTICOIDS OF THE FIRST PART, EXPRESSED AS HYDROCORTISONE EQUIVALENTS, IS IN A RANGE OF FROM ABOUT 15 TO ABOUT 50% OF THE TOTAL HYDROCORTISONE EQUIVALENTS. THE INVENTION ALSO RELATES TO A KIT COMPRISING A FIRST AND A SECOND COMPONENT, THE FIRST COMPONENT DESIGNED TO RELEASE ONE OR MORE GLUCOCORTICOIDS SUBSTANTIALLY IMMEDIATELY AND THE SECOND COMPONENT IS DESIGNED TO RELEASE ONE OR MORE GLUCOCORTICOIDS OVER AN EXTENDED PERIOD OF TIME OF AT LEAST 8 HOURS. THE INVENTION ALSO RELATES TO A METHOD FOR TREATING DISEASES REQUIRING GLUCOCORTICOID TREATMENT SUCH AS IN SUBJECTS HAVING A GLUCOCORTICOID DEFICIENCY DISORDER. IN ANOTHER ASPECT THE INVENTION RELATES TO THE USE OF A FIRST AND A SECOND AMOUNT OF ONE OR MORE GLUCOCORTICOIDS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION OR KIT FOR THE TREATMENT OF A GLUCOCORTICOID DEFICIENCY DISORDER.

No. of Pages : 60 No. of Claims : 54

(21) Application No.7595/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

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

(51) International classification	:A61N 5/06	(71)Name of Applicant :
(31) Priority Document No	:2010-058385	1)SONY CORPORATION
(32) Priority Date	:15/03/2010	Address of Applicant :1-7-1 Konan Minato-ku Tokyo
(33) Name of priority country	:Japan	1080075 Japan
(86) International Application No	:PCT/JP2011/001330	2)KEIO UNIVERSITY
Filing Date	:07/03/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)TAKASHI YAMAGUCHI
(61) Patent of Addition to Application	. NT A	2)SHIHO HAKOMORI
Number	:NA :NA	3)KOSHI TAMAMURA
Filing Date	INA	4)TSUNENORI ARAI
(62) Divisional to Application Number	:NA	5)ARISA ITO
Filing Date	:NA	6)JUN UCHIYAMA

(57) Abstract :

DISCLOSED ARE AN EVALUATION DEVICE AND AN EVALUATION METHOD, BOTH OF WHICH ENABLE THE SAFE EVALUATION OF THE PROGRESSION OF A THERAPY THAT UTILIZES A LASER CATHETER. SPECIFICALLY DISCLOSED IS A PHOTODYNAMIC THERAPY DEVICE (1) THAT SERVES AS AN EVALUATION DEVICE. IN THE DEVICE, TISSUES INTO WHICH A LIGHT-SENSITIVE MEDICINAL AGENT CAPABLE OF ABSORBING EXCITED LIGHT AND EMITTING FLUORESCENCE HAS BEEN TAKEN ARE IRRADIATED WITH EXCITED LIGHT THAT IS EMITTED FROM THE TIP OF A LASER CATHETER (300). THE DEVICE COMPRISES A CONNECTOR (210), A LIGHT SOURCE (110), AND A LIGHT DETECTION UNIT (130). THE LASER CATHETER (300) IS REMOVABLE FROM AND DETACHABLE TO THE CONNECTOR (210). THE LIGHT SOURCE (110) CAN OUTPUT EXCITED LIGHT TO THE LASER CATHETER (300) THROUGH THE CONNECTOR (210). THE LIGHT DETECTION UNIT (130) CAN DETECT THE INTENSITY OF FLUORESCENCE THAT ENTERS INTO THE LIGHT DETECTION UNIT (130) FROM THE LASER CATHETER (300) THROUGH THE CONNECTOR (210), FOR THE PURPOSE OF EVALUATING THE CHANGE IN THE TISSUES WHICH IS INDUCED BY THE REACTION BETWEEN THE EXCITED LIGHT EMITTED FROM THE TIP OF THE LASER CATHETER (300) AND THE LIGHT-SENSITIVE MEDICINAL AGENT TAKEN INTO THE TISSUES.

No. of Pages : 158 No. of Claims : 24

(21) Application No.7596/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MUCOSAL VACCINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K :2010-045205 :02/03/2010 :Japan :PCT/JP2011/054586	 (71)Name of Applicant : 1)THE UNIVERSITY OF TOKUSHIMA Address of Applicant :24 Shinkura-cho 2-chome Tokushima- shi Tokushima 7708501 Japan (72)Name of Inventor :
Filing Date	:01/03/2011	1)HIROSHI KIDO
(87) International Publication No	: NA	2)DAI MIZUNO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

DISCLOSED IS A MUCOSAL VACCINE WHICH IS CHARACTERIZED BY COMPRISING: (A) AN AD VEHICLE THAT COMPRISES A LIPID AND A SYNTHETIC PEPTIDE WHICH COMPRISES THE AMINO ACID SEQUENCE OF KNLM (WHEREIN N REPRESENTS A NUMBER OF 4-8 AND M REPRESENTS A NUMBER OF 11-20); (B) A CARBOXYVINYL POLYMER; AND (C) AN ANTIGEN PROTEIN IN SUCH AN AMOUNT THAT DOES NOT PRODUCE, BY ITSELF, MUCOSAL IMMUNITY IGA AND BLOOD IMMUNITY IGG IN SUCH AMOUNTS THAT EFFECTIVE IMMUNE INDUCTION AND PROTECTION AGAINST THE INFECTION CAN BE ACHIEVED. THE MUCOSAL VACCINE IS ALSO CHARACTERIZED BY PRODUCING ANTIGEN-SPECIFIC MUCOSAL IMMUNITY IGA AND BLOOD IMMUNITY IGG IN SUCH AMOUNTS THAT EFFECTIVE IMMUNE INDUCTION AND PROTECTION AGAINST THE INFECTION CAN BE ACHIEVED. THE MUCOSAL VACCINE HAS HIGHER ANTIBODY PRODUCING ABILITY THAN CONVENTIONAL MUCOSAL VACCINES, AND IS THUS CAPABLE OF ACHIEVING EXCELLENT EFFECTS WITH AN EXTREMELY SMALL AMOUNT OF ANTIGEN.

No. of Pages : 39 No. of Claims : 7

26957

(21) Application No.7597/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS FOR GENERATING HYDROGEN FROM AMMONIA STORED IN SOLID MATERIALS AND INTEGRATION THEREOF INTO LOW TEMPERATURE FUEL CELLS

(51) International classification	:H01M 8/06	(71)Name of Applicant :
(31) Priority Document No	:61/309,542	1)AMMINEX A/S
(32) Priority Date	:02/03/2010	Address of Applicant : Gladsaxevej 363 DK-2860 S borg
(33) Name of priority country	:U.S.A.	Denmark.
(86) International Application No	:PCT/EP2011/001046	(72)Name of Inventor :
Filing Date	:02/03/2011	1)Debasish Chakraborty
(87) International Publication No	: NA	2)Henrik Nybo Petersen
(61) Patent of Addition to Application	:NA	3)Tue Johannessen
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN AMMONIA-BASED HYDROGEN GENERATION REACTOR (110) COMPRISES: AN AMMONIA CRACKING CHAMBER (1) WITH AN AMMONIA CRACKING CATALYST, AN INNER COMBUSTION CHAMBER (2) WITH A COMBUSTION OR OXIDATION CATALYST BEING IN THERMAL CONTACT WITH THE AMMONIA CRACKING CHAMBER, AN AMMONIA GAS PREHEATING CHAMBER (3), AND AN OUTER JACKET ANNULUS (6) FOR RECOVERY OF HEAT FROM THE COMBUSTION PRODUCTS EXITING THE COMBUSTION CHAMBER (2), WHEREIN THE CRACKING CHAMBER (1), THE INNER COMBUSTION CHAMBER (2), THE PREHEATING CHAMBER (3) AND THE HEAT RECOVERY JACKET ANNULUS (6) ARE ARRANGED CONCENTRICALLY. FURTHER DESCRIBED IS A SYSTEM FOR GENERATING HYDROGEN COMPRISING AT LEAST ONE AMMONIA STORAGE UNIT (119, 120, 400) WHICH, WHEN IN OPERATION, IS COMBINED WITH AT LEAST ONE HYDROGEN GENERATION REACTOR (110), WHEREIN, WHEN IN OPERATION, THE WASTE HEAT OF THE AT LEAST ONE HYDROGEN GENERATION REACTOR (110) IS TRANSFERRED TO AT LEAST ONE STORAGE UNIT (119, 120, 400) BEING IN OPERATION. A POWER GENERATING DEVICE FURTHER COMPRISING A FUEL CELL, AND A METHOD FOR OPERATING THE SYSTEM FOR GENERATING HYDROGEN ARE ALSO DESCRIBED.

No. of Pages : 34 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :23/10/2012

(21) Application No.3275/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : VANE CELL MACHINE (51) International classification :B23B (71)Name of Applicant : :DE 10 1)DANFOSS A/S (31) Priority Document No 2011 116 Address of Applicant :NORDBORGVEJ 81, DK-6430, 869.2 NORDBORG, Denmark (32) Priority Date :25/10/2011 (72)Name of Inventor : (33) Name of priority country :Germany 1)PETERSEN, HANS CHRISTIAN (86) International Application No 2)HANSEN, OVE THORBOEL :NA Filing Date **3)MARTENSEN, LARS** :NA (87) International Publication No : NA 4)OLSEN, PALLE (61) Patent of Addition to Application Number :NA 5)HAUGAARD, ERIK Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention concerns a vane cell machine (1) having a stator (2) and a rotor (3) that is made of a first material, the rotor (3) having guides (8) comprising radially displaceable vanes (5) that rest on an inside of the stator 10 (2) and border work chambers (14) at each axial end of the rotor (3) together with the rotor (3), the stator (2) and individual stationary side walls (15), the vanes (5) having, at least at some contact faces with the rotor (3) and the stator (2), a second material (7) that interacts 15 unfrictionally with the first material. It is endeavoured to keep the wear small. For this purpose, in a radially inner area (17), the side 20 wall (15) comprises a surface of a third material interacting unfrictionally with the first material and, in a radially outer area (16) a surface made of the first material.

No. of Pages : 19 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :23/10/2012

(21) Application No.3276/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : VANE CELL MACHIN	E	
(51) International classification	:B23B	(71)Name of Applicant :
	:DE 10	1)DANFOSS A/S
(31) Priority Document No	2011 116	Address of Applicant :NORDBORGVEJ 81, DK-6430,
	858.7	NORDBORG, Denmark.
(32) Priority Date	:25/10/2011	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)PETERSEN, HANS CHRISTIAN
(86) International Application No	:NA	2)HANSEN, OVE THORBOEL
Filing Date	:NA	3)MARTENSEN, LARS
(87) International Publication No	: NA	4)OLSEN, PALLE
(61) Patent of Addition to Application Number	:NA	5)HAUGAARD, ERIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a vane cell machine (1) with a stator 5 (2) and a rotor (3) having radially displaceable vanes (5) arranged in guides (8), said vanes (5) bearing on an inside of the stator (2) and bordering, together with the rotor, the stator (2) and a side wall (15), work chambers (14) at each axial end of the rotor (3). 10 It is endeavoured to provide a vane cell machine that has a good internal tightness, in which the wear is still kept small. 15 For this purpose, in a radially internal area the side wall (15) comprises an insert (17) that is axially movable in the side wall (15) and has a pressure application surface (27, 28) axially inside and axially outside.

No. of Pages : 21 No. of Claims : 8

(21) Application No.5349/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM FOR INCREASING GENE EXPRESSION AND VECTOR COMPRISING THE SYSTEM

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:2009-264299	1)NATIONAL UNIVERSITY CORPORATION
(32) Priority Date	:19/11/2009	OKAYAMA UNIVERSITY
(33) Name of priority country	:Japan	Address of Applicant :1-1 Tsushima-Naka 1-chome Kita-ku
(86) International Application No	:PCT/JP2010/071196	Okayama-shi Okayama 7008530 JAPAN
Filing Date	:19/11/2010	2)Momotaro-Gene Inc.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)KUMON Hiromi
Number	:NA	2)HUH Nam-ho
Filing Date	.117	3)SAKAGUCHI Masakiyo
(62) Divisional to Application Number	:NA	4)WATANABE Masami
Filing Date	:NA	

(57) Abstract :

AN OBJECT OF THE PRESENT INVENTION IS TO PROVIDE A METHOD FOR INCREASING THE EXPRESSION OF FOREIGN GENES IN PARTICULAR USING A PROMOTER AN ENHANCER AND THE LIKE AND AN EXPRESSION CASSETTE CONTAINING A PROMOTER AN ENHANCER AND THE LIKE BY WHICH GENE EXPRESSION CAN BE INCREASED. THE PURPOSE IS ACHIEVED WITH THE USE OF THE GENE EXPRESSION CASSETTE COMPRISING A DNA CONSTRUCT CONTAINING A GENE TO BE EXPRESSED AND A POLY A ADDITION SEQUENCE THAT ARE LOCATED DOWNSTREAM OF A 1ST PROMOTER AND FURTHER COMPRISING AN ENHANCER OR A 2ND PROMOTER LIGATED DOWNSTREAM OF THE DNA CONSTRUCT.

No. of Pages : 163 No. of Claims : 16

(21) Application No.6799/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : USE OF AGOMELATINE FOR THE PREPARATION OF DRUGS FOR TREATING OBSESSIVE COMPULSIVE DISORDER (OCD)

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:10/02/2011 : NA :NA :NA :NA	 (71)Name of Applicant : 1)LES LABORATOIRES SERVIER Address of Applicant :35 rue de Verdun F-92284 Suresnes Cedex France (72)Name of Inventor : 1)LAURENCE LAIGLE 2)ELISABETH MOCAER 3)MARK J. MILLAN
Filing Date	:NA	

(57) Abstract :

THE PRESENT INVENTION RELATES TO THE USE OF AGOMELATINE OR N-[2-(7-METHOXY-1-NAPHTYL)ETHYL]ACETAMIDE FOR THE PREPARATION OF DRUGS FOR TREATING OBSESSIVE COMPULSIVE DISORDER (OCD).

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

(21) Application No.7600/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(54) Title of the invention : DISPENSING CONTAINER

(43) Publication Date : 27/06/2014

(51) International classification	:B65D 83/14	(71)Name of Applicant :
(31) Priority Document No	:1001762.2	1)BACON Raymond John
(32) Priority Date	:03/02/2010	Address of Applicant :Steep Farm Steep Petersfield
(33) Name of priority country	:U.K.	Hampshire GU32 2DB U.K.
(86) International Application No	:PCT/GB2011/000126	(72)Name of Inventor :
Filing Date	:01/02/2011	1)BACON Raymond John
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A container (101) has a constant wall thickness vessel (102) with a valve (103) crimped on at a neck (104) in the vessel. The valve has a dispensing stem (105). The vessel is circularly cylindrical and formed with an groove (106) extending parallel with the length of the vessel from a base (107) to the neck (104). When the container is lain on its sidewall (108) it will roll changing its orientation until the groove (106) is at the surface as shown in Figure 7 with the groove in effect floating on the surface of the liquid providing an indication of the actual quantity of content in the container.

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

(21) Application No.7388/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MORE ACCURATELY DETERMINING NUTRITIONAL VALUES AND REDUCING WASTE OF FOOD ITEMS

(5 1) Intermeticanal aleraiticantican	. 4 471 42/00	(71)Name of Ameliant
(51) International classification	:A47J 43/00	(71)Name of Applicant :
(31) Priority Document No	:61/339139	1)SPRIEGEL Andrew R.
(32) Priority Date	:22/02/2010	Address of Applicant :110 W. Streetsboro Street 2nd Floor
(33) Name of priority country	:U.S.A.	Suites 4 & 14 Hudson OH 44236 U.S.A.
(86) International Application No	:PCT/US2011/000341	2)GETZINGER Greg T.
Filing Date	:22/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/102915	1)SPRIEGEL Andrew R.
(61) Patent of Addition to Application	:NA	2)GETZINGER Greg T.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of utilizing a food cutting guide that has a base having a circular first and circular second planar surface. The guide has a plurality of grooves formed in at least one of the planar surfaces and at least one centering guide formed on the at least one of the planar surfaces to facilitate cutting equal size slices and/or sections of food. A wider angled guide groove is formed at the end of each of the plurality of grooves. At least one centering groove/mark is concentric about an intersection of the plurality of grooves to center a pizza or food item. The cutting guide comprises at least one handle. A guide material comprises food safe and/or NSF approved plastic wood and plastic composites bamboo wood ash hickory oak walnut maple purple heartwood chestnut cherry; plastic porcelain metal stone wood composite materials glass porcelain bamboo and food safe materials.

No. of Pages : 32 No. of Claims : 20

(21) Application No.7389/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HELICOPTER CARGO BASKET MOUNTING ASSEMBLY AND METHOD OF 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 Filing Date (2) Divisional to Application Nome 	:01/02/2011 :WO 2011/091540 :NA :NA	 (71)Name of Applicant : 1)DART AEROSPACE LTD. Address of Applicant :1270 Aberdeen St. Hawkesbury Ontario K6A 1K7 Canada (72)Name of Inventor : 1)PETSCHE Michael 2)STOCKER Alan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A mounting assembly for mounting an external cargo basket onto a helicopter and a method of using the mounting assembly. The mounting assembly comprises a plurality of connectors corresponding male and female connectors being positioned on the helicopter and on the basket one of said corresponding connectors being an articulating connector. The cargo basket is connected to the helicopter by first connecting the articulating connector then pivoting and rotating the cargo basket using the articulating connector so as to align and connect the remaining connections.

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

(21) Application No.7390/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(54) Title of the invention : POSITIVE DISPLACEMENT ROTARY MACHINE

(43) Publication Date : 27/06/2014

(51) International classification :F01C 3/06 (71)Name of Applicant : :2010102009 (31) Priority Document No **1)DIDIN Alexandr Vladimirovich** (32) Priority Date :25/01/2010 Address of Applicant :ul. Novaya 46 Pereslavl Yaroslavskaya (33) Name of priority country :Russia obl. 152020 Russia (86) International Application No :PCT/RU2011/000031 2)YANOVSKIJ Ilja Yakovlevich Filing Date :24/01/2011 (72)Name of Inventor : (87) International Publication No :WO 2011/090408 1)DIDIN Alexandr Vladimirovich (61) Patent of Addition to Application 2)YANOVSKIJ Ilja Yakovlevich :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The positive displacement rotary machine comprises a body a rotor a separator having a guiding part with an opening below the rotor a piston which is mounted in a rotor groove so as to be able to carry out rotational oscillations relative to the rotor about an axis which intersects the axis of rotation of the rotor primarily at a right angle and has at least one slot into which the guiding part of the separator penetrates and a spherical working cavity which is formed around the rotor and which is divided by the guiding part of the separator upon interaction of the opening with the rotor into chamber forming cavities of variable cross section each of which is divided by the piston into working chambers. A passage for a working fluid is provided in the minimum cross section of the chamber forming cavity and/or a duct permitting the working fluid to bypass the minimum cross section of the piston and of the sealing synchronizing element thus increasing the lifetime of the machine. Furthermore said solution makes it possible to produce controllable variant embodiments of said machine.

No. of Pages : 72 No. of Claims : 12

(21) Application No.7770/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PREPARING CHEMICAL COMPOUNDS OF INTEREST BY NUCLEOPHILIC AROMATIC SUBSTITUTION OF AROMATIC CARBOXYLIC ACID DERIVATIVES SUPPORTING AT LEAST ONE ELECTRO-ATTRACTIVE GROUP

(33) Name of priority country:France(86) International Application No:PCT/FR2011/050349Filing Date:18/02/2011	SCIENTIFIQUE Address of Applicant :3 rue Michel Ange F-75016 Paris FRANCE 2)UNIVERSIT‰ DU MAINE (72)Name of Inventor : 1)MORTIER Jacques 2)CASTANET Anne-Sophie 3)NOURRY Arnaud 4)BELAUD-ROTUREAU Mickael
Filing Date :NA	3)NOURRY Arnaud

(57) Abstract :

THE PRESENT INVENTION RELATES TO A METHOD FOR PREPARING AROMATIC CARBOXYLIC ACID DERIVATIVES BY NUCLEOPHILIC AROMATIC SUBSTITUTION, WHICH INVOLVES REACTING AN AROMATIC CARBOXYLIC ACID DERIVATIVE SUPPORTING ONLY ONE CARBOXYL FUNCTION, OR ONE OF THE SALTS THEREOF, SAID CARBOXYLIC ACID DERIVATIVE SUPPORTING, ORTHOGONALLY TO THE CARBOXYL FUNCTION, A SPLITTING GROUP WHICH IS AN ATOM OF FLUORINE OR CHLORINE OR AN ALCOXY GROUP, CHIRAL OR OTHERWISE AND, IN THE LATTER CASE, A METHOXY GROUP IS PREFERRED; SAID CARBOXYLIC ACID DERIVATIVE BEING SUBSTITUTED BY AT LEAST ONE ELECTRO-ATTRACTIVE GROUP OTHER THAN THE SPLITTING GROUP, PREFERABLY BY A FLUORINE ATOM, WITH A MNU REAGENT, WHEREIN M IS A METAL AND NU IS AN OPTIONALLY CHIRAL NUCLEOPHILE, SAID NUCLEOPHILIC AROMATIC SUBSTITUTION REACTION BEING CARRIED OUT WITHOUT A CATALYST AND WITHOUT A STEP OF PROTECTING/UNPROTECTING THE ACID FUNCTION OF THE INITIAL COMPOUND, SAID METHOD BEING SELECTIVE IN THAT THE REACTION LEADS TO THE FORMATION OF KETONE DERIVATIVES IN A VERY MINORITY FASHION DURING THE REACTION.

No. of Pages : 34 No. of Claims : 9

(21) Application No.7593/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

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

(51) International classification	:A61N 5/06	(71)Name of Applicant :
(31) Priority Document No	:2010-058384	1)SONY CORPORATION
(32) Priority Date	:15/03/2010	Address of Applicant :1-7-1 Konan Minato-ku Tokyo
(33) Name of priority country	:Japan	1080075 Japan
(86) International Application No	:PCT/JP2011/001327	2)KEIO UNIVERSITY
Filing Date	:07/03/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHIHO HAKOMORI
(61) Patent of Addition to Application	:NA	2)TAKASHI YAMAGUCHI
Number	:NA :NA	3)KOSHI TAMAMURA
Filing Date	.11/A	4)TSUNENORI ARAI
(62) Divisional to Application Number	:NA	5)ARISA ITO
Filing Date	:NA	

(57) Abstract :

PROVIDED IS A DETERMINATION DEVICE WHICH IS CAPABLE OF SAFELY DETERMINING IN REAL TIME THE CONTACT STATE OF THE TIP END OF A CATHETER WITH RESPECT TO TISSUE. A PHOTODYNAMIC THERAPY DEVICE (1) SERVES AS THE DETERMINATION DEVICE AND IRRADIATES EXCITATION LIGHT FROM THE TIP END OF A LASER CATHETER (300) TO TISSUE WHICH HAS ABSORBED A PHOTOSENSITIVE DRUG THAT ABSORBS THE EXCITATION LIGHT AND EMITS FLUORESCENT LIGHT OR TO TISSUE THAT ABSORBS THE EXCITATION LIGHT AND EMITS FLUORESCENT LIGHT OR TO TISSUE THAT ABSORBS THE EXCITATION LIGHT AND EMITS FLUORESCENT LIGHT ON UNIT (130). THE CONNECTOR (210) CAN BE ATTACHED TO AND DETACHED FROM THE LASER CATHETER (300). THE LIGHT SOURCE (110) OUTPUTS EXCITATION LIGHT TO THE LASER CATHETER (300) BY WAY OF THE CONNECTOR (210). THE LIGHT DETECTION UNIT (130) DETECTS THE INTENSITY OF FLUORESCENT LIGHT INPUT FROM THE LASER CATHETER (300) BY WAY OF THE CONNECTOR (210). IN ORDER TO DETERMINE BETWEEN CONTACT OR NON-CONTACT OF THE TIP END OF THE LASER CATHETER (300) WITH RESPECT TO THE TISSUE.

No. of Pages : 96 No. of Claims : 12

(21) Application No.7594/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

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

(51) International classification	:A61N 5/06	(71)Name of Applicant :
(31) Priority Document No	:2010-058386	1)SONY CORPORATION
(32) Priority Date	:15/03/2010	Address of Applicant :1-7-1 Konan Minato-ku Tokyo
(33) Name of priority country	:Japan	1080075 Japan
(86) International Application No	:PCT/JP2011/001326	2)KEIO UNIVERSITY
Filing Date	:07/03/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)KOSHI TAMAMURA
(61) Patent of Addition to Application	:NA	2)SHIHO HAKOMORI
Number	:NA	3)TAKASHI YAMAGUCHI
Filing Date	.117	4)TSUNENORI ARAI
(62) Divisional to Application Number	:NA	5)ARISA ITO
Filing Date	:NA	

(57) Abstract :

DISCLOSED ARE A CALCULATION DEVICE AND A CALCULATION METHOD, BOTH OF WHICH ENABLE THE CALCULATION OF THE CONCENTRATION OF A MEDICINAL AGENT IN TISSUES IN REAL TIME. SPECIFICALLY DISCLOSED IS A PHOTODYNAMIC THERAPY DEVICE (1) THAT SERVES AS A CALCULATION DEVICE. IN THE DEVICE, TISSUES INTO WHICH A LIGHT-SENSITIVE MEDICINAL AGENT CAPABLE OF ABSORBING EXCITED LIGHT AND EMITTING FLUORESCENCE HAS BEEN TAKEN ARE IRRADIATED WITH EXCITED LIGHT THAT IS EMITTED FROM THE TIP OF A LASER CATHETER (300). THE DEVICE COMPRISES A CONNECTOR (210), A LIGHT SOURCE (110), AND A LIGHT DETECTION UNIT (130). THE LASER CATHETER (300) IS REMOVABLE FROM AND DETACHABLE TO THE CONNECTOR (210). THE LIGHT SOURCE (110) CAN OUTPUT EXCITED LIGHT TO THE LASER CATHETER (300) THROUGH THE CONNECTOR (210). THE LIGHT DETECTION UNIT (130) CAN DETECT THE INTENSITY OF FLUORESCENCE THAT ENTERS INTO THE LIGHT DETECTION UNIT (130) FROM THE LASER CATHETER (300) THROUGH THE CONNECTOR (210), FOR THE PURPOSE OF CALCULATING THE CONCENTRATION OF THE LIGHT-SENSITIVE MEDICINAL AGENT IN A TISSUE WITH WHICH THE TIP OF THE LASER CATHETER (300) CONTACTS

No. of Pages : 93 No. of Claims : 8

(21) Application No.7810/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD, HEAT ACCUMULATOR AND HEAT ACCUMULATOR SYSTEM FOR HEATING AND COOLING A WORKING FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F28D 20/00 :10 2010 008 111.6 :15/02/2010 :Germany :PCT/EP2011/000479 :03/02/2011 : NA :NA	 (71)Name of Applicant : 1)LEUPHANA UNIVERSIT,,T LNEBURG Address of Applicant :Scharnhorststrasse 1 21335 L¹/4neburg Germany (72)Name of Inventor : 1)RUCK Wolfgang 2)OPEL Oliver
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for heating and cooling a working fluid (2) using at least one thermochemical heat accumulator medium (3), wherein the working fluid (2) is guided through at least one thermochemical heat accumulator (6) comprising the heat accumulator medium (3), wherein the working fluid (2) is guided without contact to the heat accumulator medium (3), wherein upon charging of the heat accumulator medium (3) a heat flow (Q) is transferred from the working fluid (2) to the heat accumulator medium (3) and at least one substance (15) is released from the heat accumulator medium (3) and discharged from the heat accumulator (6), and wherein upon discharging of the heat accumulator medium (3) the substance (15) is fed with release of heat to the heat accumulator medium (3) or at least to a reaction product of the heat accumulator medium (3) that was produced during charging of the heat accumulator medium (3), and a heat flow (Q) is transferred to the working fluid (2).

No. of Pages : 21 No. of Claims : 10

(21) Application No.3281/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LOCK RING AND T	HREADED STU	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 		 (71)Name of Applicant : 1)AGUSTAWESTLAND S.P.A. Address of Applicant :520, FRAZIONE CASCINA COSTA - VIA GIOVANNI AGUSTA, SAMARATE, ITALY (72)Name of Inventor : 1)COLOMBO DARIO 2)GASPARINI GIUSEPPE

(57) Abstract :

A lock ring (26) for securing a threaded stud (15) to a first member (2), the ring having a first surface (30) 5 defining the ring (26) on the side facing a first axis (C) of symmetry of the ring (26), and in which a toothed impression (27) is formed when it is forced onto a toothed portion (19) of the threaded stud (15); and a conical second surface (31) defining the ring (26) on 10 the opposite side to the first axis (C), and which is forced inside the first member (2).

No. of Pages : 23 No. of Claims : 17

(21) Application No.7864/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : FLOW ACCEPTING BASE FOR A FLUIDIZING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C :A 207/2010 :12/02/2010 :Austria :PCT/AT2011/000035 :20/01/2011	 (71)Name of Applicant : 1)ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH Address of Applicant :Stattegger Strasse 18 A-8045 Graz Austria. (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 :NA	(72)Name of Hivehof : 1)Klaus STANKE 2)Paul KR-HL

(57) Abstract :

THE INVENTION RELATES TO A FLOW ACCEPTING BASE (12) FOR A FLUIDIZING APPARATUS (9) WITH THROUGH-OPENINGS (3) AND DEFLECTOR PLATES (1) ARRANGED SO AS TO COVER SAID THROUGH-OPENINGS. THE INVENTION IS CHARACTERIZED IN THAT THE DEFLECTOR PLATES (1) ARE ELONGATED AND ARE ARRANGED LONGITUDINALLY IN THE FLUIDIZED BED APPARATUS (9) PARALLEL TO THE MAIN DIRECTION OF FLOW (19) OF THE PRODUCT ABOVE THE THROUGH-OPENINGS (3) IN THE BASE PLATE (2) AND HAVE SPACERS (6) WHICH FORM AN OUTFLOW CROSS SECTION AT THE PERIPHERY OF THE DEFLECTOR PLATE (1) FOR THE FLUIDIZING GAS WHEREIN THE BASE THROUGH-OPENINGS (3) MAY BE ADVANTAGEOUSLY FORMED WITH AN

No. of Pages : 19 No. of Claims : 7

(21) Application No.7866/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : BURNED CEMENT CLINKER AND METHOD FOR PRODUCING 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 	:C04B 7/02 :2010-056745 :12/03/2010 :Japan :PCT/JP2011/055732 :11/03/2011 : NA	 (71)Name of Applicant : 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2 Otemachi 1-chome Chiyoda-ku Tokyo 1008117 Japan (72)Name of Inventor : 1)YAMASHITA Makio 2)NAKANISHI Yoichiro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)TANAKA Hisanobu

(57) Abstract :

THIS FIRED CEMENT CLINKER PRODUCT IS CHARACTERIZED BY CONTAINING ANY ONE OR MORE SELECTED FROM A GROUP FORMED FROM FLUORINE, SULFUR, CHLORINE AND BROMINE AND ANY ONE OR MORE METAL ELEMENTS SELECTED FROM A GROUP FORMED FROM THE GROUP III - GROUP XII ELEMENTS, AND PREFERABLY, FLOURINE CONTENT IS 300-750 MG/KG, SULFUR (SO3) CONTENT 1.5-3.0% BY MASS AND THE CHLORINE EQUIVALENT OF THE ANY ONE OR MORE SELECTED FROM A GROUP FORMED FROM CHLORINE AND BROMINE IS 150-350 MG/KG, WITH THE CONTENT OF THE ANY ONE OR MORE METAL ELEMENTS SELECTED FROM THE GROUP FORMED FROM THE GROUP HII - GROUP XII ELEMENTS BEING 0.2-0.8% BY MASS.

No. of Pages : 22 No. of Claims : 6

(21) Application No.8923/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DEVICE AND METHOD FOR KEEPING MEDIA ACCESS CONTROL ADDRESS OF AGGREGATE PORT ALIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:201010132298.3 :16/03/2010 :China :PCT/CN2011/071779	 (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 :
Filing Date	:14/03/2011 : NA	1)GAO Feng
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA :NA	2)GUO Liang
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE PRESENT INVENTION DISCLOSES A MEDIA ACCESS CONTROL (MAC) ADDRESS KEEP-ALIVE DEVICE AND A METHOD FOR A CONVERGENCE PORT. IN A MAC ADDRESS AGING PERIOD, A SUBSYSTEM RECEIVING MESSAGE SENDS AN MAC KEEP-ALIVE MESSAGE TO A GLOBAL CONVERGENCE PORT MAC ADDRESS MANAGEMENT MODULE. THEN THE GLOBAL CONVERGENCE PORT MAC ADDRESS MANAGEMENT MODULE SENDS THE RECEIVED MAC KEEP-ALIVE MESSAGE TO ALL SUBSYSTEMS TO KEEP THE MAC ADDRESS ALIVE. THE DEVICE AND THE METHOD OF THE PRESENT INVENTION CAN KEEP THE MAC ADDRESS OF THE CONVERGENCE PORT ALIVE IN THE MAC ADDRESS AGING PERIOD, EFFECTIVELY AVOID FLOODING OF DESTINATION MESSAGE ON TWO-LAYER NETWORK EQUIPMENT DUE TO ERROR DELETION OF THE MAC ADDRESS OF THE CONVERGENCE PORT, AND EFFECTIVELY SAVE THE OCCUPANCY RATE OF A NETWORK BANDWIDTH.

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

(22) Date of filing of Application :12/10/2012

(21) Application No.8925/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : POWER SUPPLY SYSTEM AND VEHICLE EQUIPPED WITH POWER SUPPLY SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:h02j :2010-093250 :14/04/2010	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota-cho Toyota-shi Aichi-Ken
(33) Name of priority country	:Japan	471-8571 JAPAN (72) Nome of Inventor
(86) International Application No Filing Date	:07/04/2011	(72)Name of Inventor : 1)SUGIYAMA Yoshinobu
(87) International Publication No	: NA	2)ANG Wanleng
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(19) INDIA

A power supply system includes: a first electrical storage device; a charging device charging the first electrical storage device with external power from an external power supply; a second electrical storage device supplying an auxiliary load with a voltage lower than an output voltage of the first electrical storage device; a first converter stepping down a voltage of power from the first electrical storage device and supplying the auxiliary load and the second electrical storage device with a voltage; a second converter having a capacity smaller than that of the first converter and charging the second electrical storage device to the first electrical storage device and charging power from the second converter to the second electrical storage device based on a state of charge of the second electrical storage device based on a state of charge of the second electrical storage device.

No. of Pages : 37 No. of Claims : 10

(21) Application No.7305/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR MANUFACTURING A PYRIPYROPENE

(51) International classification	:C12P 17/18	(71)Name of Applicant :
(31) Priority Document No	:2010-014727	1)MEIJI SEIKA PHARMA CO. LTD.
(32) Priority Date	:26/01/2010	Address of Applicant :4-16 Kyobashi 2-Chome Chuo-Ku
(33) Name of priority country	:Japan	Tokyo 1048002 Japan
(86) International Application No	:PCT/JP2011/050851	(72)Name of Inventor :
Filing Date	:19/01/2011	1)HIROYUKI ANZAI
(87) International Publication No	: NA	2)KENTARO YAMAMOTO
(61) Patent of Addition to Application	:NA	3)KAZUHIKO OYAMA
Number	:NA :NA	4)MARIKO TSUCHIDA
Filing Date	INA	5)KIMIHIKO GOTO
(62) Divisional to Application Number	:NA	6)MASAAKI MITOMI
Filing Date	:NA	

(57) Abstract :

THERE IS PROVIDED A METHOD FOR CULTURING A MICROORGANISM IN WHICH A PARTICULAR POLYNUCLEOTIDE OR A RECOMBINANT VECTOR 5 COMPRISING IT/THEM IS INTRODUCED WITH AN INTERMEDIATE COMPOUND NECESSARY FOR BIOSYNTHESIS OF PYRIPYROPENE A. THE METHOD OF THE PRESENT INVENTION ALLOWS FOR THE PRODUCTION OF PYRIPYROPENE.

No. of Pages : 69 No. of Claims : 21

(21) Application No.7504/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : WIRELESS COMMUNICATION DEVICE WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION 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 	:H04W 16/14 :2010-046436 :03/03/2010 :Japan :PCT/JP2011/050959 :20/01/2011 : NA :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)YUICHI MORIOKA
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(57) Abstract :

IN ORDER TO UTILIZE THREE COMMUNICATION PROTOCOLS CONFIGURED HIERARCHICALLY AND REDUCE OVERHEAD, A WIRELESS COMMUNICATION DEVICE (100) IS EQUIPPED WITH: A PACKET GENERATOR (155) WHICH GENERATES PACKETS (200) INCLUDING FIRST DECODING INFORMATION (201) THAT CAN BE RECOGNIZED BY WIRELESS COMMUNICATION DEVICES COMPATIBLE WITH A FIRST COMMUNICATION PROTOCOL, SECOND DECODING INFORMATION (202) THAT CAN BE RECOGNIZED BY WIRELESS COMMUNICATION DEVICES COMPATIBLE WITH A SECOND COMMUNICATION PROTOCOL, AND THIRD DECODING INFORMATION (203) THAT CAN BE RECOGNIZED BY WIRELESS COMMUNICATION DEVICES COMPATIBLE WITH A THIRD COMMUNICATION PROTOCOL; AND A TRANSMITTER (157) WHICH TRANSMITS THE PACKETS GENERATED BY THE PACKET GENERATOR.

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

(21) Application No.7505/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MANUFACTURING METHOD FOR GRAIN-ORIENTED ELECTROMAGNETIC STEEL SHEET

(31) Priority Document No:2010-0339211(32) Priority Date:18/02/2010CO(33) Name of priority country:Japan(86) International Application No:PCT/JP2011/053491kuFiling Date:18/02/2011(72(87) International Publication No: NA1	 (1)Name of Applicant : (1)NIPPON STEEL & SUMITOMO METAL (ORPORATION Address of Applicant :6-1 Marunouchi 2-chome Chiyoda- a Tokyo 1008071 Japan (2)Name of Inventor : (1)KENICHI MURAKAMI (2)YOSHIYUKI USHIGAMI
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(57) Abstract :

A HOT-ROLLED STEEL SHEET IS PRODUCED BY HOT-ROLLING STEEL HAVING A PRESCRIBED COMPOSITION THAT INCLUDES 0.0020-0.010% TI BY WEIGHT AND/OR 0.010-0.50% COPPER BY WEIGHT. AN ANNEALED STEEL SHEET IS PRODUCED BY ANNEALING THE HOT-ROLLED STEEL SHEET. A COLD-ROLLED STEEL SHEET IS PRODUCED BY COLD-ROLLING THE ANNEALED STEEL SHEET. A DECARBURIZED ANNEALED STEEL SHEET IS PRODUCED BY DECARBURIZATION ANNEALING OF THE COLD-ROLLED STEEL SHEET AT A TEMPERATURE OF 800-950°C. A NITRIDED STEEL SHEET IS PRODUCED BY NITRIDING THE DECARBURIZED ANNEALED STEEL SHEET AT A TEMPERATURE OF 700-850°C. THE NITRIDED STEEL SHEET IS FINISHED BY ANNEALING.

No. of Pages : 43 No. of Claims : 12

(21) Application No.8930/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSPORTING APPARATUS WITH ARTICULATED CONVEYING 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 	:10 2010 027 925.0 :19/04/2010 :Germany	 (71)Name of Applicant : 1)ROBERT BOSCH GmbH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)LOECHT Heinrich
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(57) Abstract :

THE INVENTION RELATES TO A TRANSPORTING APPARATUS FOR CONVEYING A PRODUCT, COMPRISING A MOVABLE CONVEYING ELEMENT (2) FOR CONVEYING THE PRODUCT, ALSO COMPRISING A FIXED-LOCATION RUNNING RAIL (3), WHICH IS ARRANGED ALL THE WAY ROUND AND DEFINES A RUNNING TRACK FOR THE CONVEYING ELEMENT (2), AND FURTHER COMPRISING A LINEAR-MOTOR-DRIVE MEANS (4) FOR DRIVING THE CONVEYING ELEMENT (2), WHEREIN THE CONVEYING ELEMENT (2) HAS A PERMANENT MAGNET (5) WHICH IS IN OPERATIVE CONNECTION WITH COILS (6) OF THE LINEAR-MOTOR-DRIVE MEANS (4), AND WHEREIN THE CONVEYING ELEMENT (2) HAS AT LEAST A FIRST SUB-ELEMENT (22) AND A SECOND SUB-ELEMENT (23), WHICH ARE CONNECTED TO ONE ANOTHER IN AN ARTICULATED MANNER BY MEANS OF AN ARTICULATION (7).

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

(21) Application No.8931/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(54) Title of the invention : HAND POWER TOOL DEVICE

(43) Publication Date : 27/06/2014

(51) International classification :B23B (71)Name of Applicant : 1)ROBERT BOSCH GmbH (31) Priority Document No :10 2010 027 941.2 (32) Priority Date :20/04/2010 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2011/056077 (72)Name of Inventor : 1)BRAUN Willy Filing Date :18/04/2011 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a hand power tool device having a hammer tube (12a; 12b; 12c) and a B-impact damping system (14a; 14b; 4c) comprising at least one damping means (16a; 16b; 16c) provided for damping recoil energy. The invention proposes that the damping means (16a; 16b; 16c) is disposed at least partially radially outside of the hammer tube (12a; 12b; 12c) in at least one operating state.

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

(21) Application No.3299/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : REDUNDANT CONTROL DEVICE AND NETWORK SYSTEM

(51) International classification(31) Priority Document No	:H04N :2011- 264228	(71)Name of Applicant : 1)ALAXALA NETWORKS CORPORATION Address of Applicant :890 KASHIMADA, SAIWAI-KU,
(32) Priority Date		KAWASAKI-SHI, KANAGAWA, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)FUKUZAKI SHOHEI
Filing Date	:NA	2)WATANABE KEN
(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 :

NETWORK REPEATERS (10, 20, 90) WHICH EACH IMPLEMENT A REDUNDANT SWITCHING FUNCTION PREVIOUSLY GRASP CONNECTION STATES OF PORTS OF A NETWORK SYSTEM BY USING AN INQUIRY FRAME AND AN EXCHANGE FRAME. AT THE TIME WHEN A LINE IS BROKEN, WHEN ACTIVELY CONFIRMING A STATE OF A PORT CONNECTED TO A PORT IN WHICH A LINE IS BROKEN VIA A DOWNSTREAM DEVICE (30, 40, 50), THE NETWORK REPEATERS EACH GRASP THAT WHICH PORTION OF THE LINE IS BROKEN AND DETERMINE WHETHER A SWITCHOVER IS REQUIRED. THROUGH THE PROCESS, THE NETWORK REPEATERS (L0, 20, 90) EACH PREVENT A USELESS SWITCHOVER SUCH AS SWITCHING-BACK IMMEDIATELY AER THE SWITCHOVER, AND AT THE SAME TIME, SINCE A MECHANISM OF WAITING FOR A GIVEN LENGTH OF TIME IS NOT REQUIRED, THEY (L0, 20, 90) EACH PERFORM A FAST SWITCHOVER.

No. of Pages : 35 No. of Claims : 12

(21) Application No.6425/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CHROMATOGRAPHIC METHOD FOR PURIFYING FC-CONTAINING PROTEINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07C :10151416.4 :22/01/2010 :EPO :PCT/EP2011/050817 :21/01/2011 : NA :NA	 (72)Name of Inventor : 1)CHRISTIAN ECKERMANN 2)DOROTHEE AMBROSIUS 3)FRANZ NOTHELFER
Filing Date (62) Divisional to Application Number	:NA	4)THOMAS RATHJEN
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO A METHOD FOR DEPLETING IMPURITIES, IN PARTICULAR HOST CELL PROTEINS (HCP) AND DNA FROM CELL CULTURE SUPERNATANTS BY MEANS OF PROTEIN A CHROMATOGRAPHY USING A NOVEL WASHING BUFFER.

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

(21) Application No.7023/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : FOAMING ADDITIVE FOR PREPARING MINERAL FOAMS FOR COATINGS, MORTARS AND CONCRETES, FOAMS THUS OBTAINED AND CURED PRODUCTS OBTAINED FROM SAID FOAMS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:1050211	1)PAREXGROUP SA
(32) Priority Date	:13/01/2010	Address of Applicant :19 place de la Rsistance F-92440 Issy
(33) Name of priority country	:France	les Moulineaux FRANCE
(86) International Application No	:PCT/EP2011/050405	(72)Name of Inventor :
Filing Date	:13/01/2011	1)AMBROISE Jean
(87) International Publication No	: NA	2)AULAGNIER Marie
(61) Patent of Addition to Application	:NA	3)DAUBRESSE Anne
Number	:NA :NA	4)ANDREANI Pierre Antoine
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO A FOAMING ADDITIVE FOR PREPARING FOAMS FOR COATINGS, MORTARS AND CONCRETE FOR CONSTRUCTION, WHEREIN SAID FOAMS BECOME POROUS AFTER CURING SO AS TO BE LIGHT-WEIGHT, AND THERMALLY AND/OR ACOUSTICALLY INSULATING, EITHER IN A PASTY FORM OR IN A CURED FORM, AND ARE OBTAINING BY FEEDING AIR UPON MIXING. SAID ADDITIVE INCLUDES: A) A MODIFIED STARCH ETHER HAVING A BROOKFIELD VISCOSITY OF BETWEEN 500 AND 25,000 MPA.S.; B) A STABILIZER INCLUDING AT LEAST ONE LINEAR POLYACRYLAMIDE; AND C) A FILM-FORMING POLYMER. THE PRESENT INVENTION ALSO COMPRISES: A DRY COMPOSITION FOR PREPARING A FOAM FOR A COATING, A MORTAR OR A CONCRETE INCLUDING SAID FOAMING ADDITIVE AND THE METHOD FOR PREPARING SAID FOAM; A FOAM FOR A COATING (E.G. A FA‡ADE COATING OR AN ACOUSTIC COATING), A MORTAR (E.G. A FIRE-RETARDANT MORTAR) OR A GUNABLE WET CONCRETE INCLUDING THE DRY COMPOSITION; THE USE OF THE INVENTION BY MEANS OF PROJECTING OR SPREADING SAID FOAM ON A BUILDING SURFACE AND THE COATING THUS OBTAINED; AND A BUILDING OR CIVIL-ENGINEERING CONSTRUCTION OBTAINED FROM A FOAM FOR A COATING, A MORTAR OR A CONCRETE AS STIPULATED ABOVE.

No. of Pages : 42 No. of Claims : 19

(21) Application No.7367/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : NOVEL MICROBICIDES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:C07D471/04,C07D493/04,C07D497/04 :402/DEL/10 :24/02/2010 :India :PCT/EP2011/052418 :18/02/2011 :WO 2011/104183 ^D :NA :NA :NA	 (71)Name of Applicant : SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : POULIOT Martin EFRANC David Guillaume Claude Franşois QUARANTA Laura LAMBERTH Clemens SSRINIVAS Nityakalyani
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(57) Abstract :

COMPOUNDS OF FORMULA (I) WHEREIN G REPRESENTS TOGETHER WITH THE TWO RING ATOMS OF THE PYRIMIDINE RING TO WHICH IT IS ATTACHED A 5 TO 6 MEMBERED AROMATIC HETEROCYCLIC RING SYSTEM WHICH CONTAINS ONE OR TWO HETEROATOMS SELECTED FROM THE GROUP CONSISTING OF NITROGEN OXYGEN AND SULFUR AND THE OTHER SUBSTITUENTS ARE AS DEFINED IN CLAIM 1 ARE SUITABLE FOR USE AS MICROBIOCIDES.

No. of Pages : 71 No. of Claims : 12

(21) Application No.8980/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A SIMULAT	ED CIGARETTE	
 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A47J :1004861.9 :23/03/2010 :U.K.	 (71)Name of Applicant : 1)KIND CONSUMER LIMITED Address of Applicant :79 Clerkenwell Road London EC1R 5AR United Kingdom (72)Name of Inventor : 1)HEARN Alex

(57) Abstract :

A simulated cigarette which has a reservoir (5) of an inhalable composition and an outlet valve (21) to control the outlet flow. The outlet end is provided with a deformable material (31) to provide a more realistic feel and optionally to allow the user to vary the flow characteristics in the manner of a real cigarette. The outlet end can also be provided with a chemical heater. The simulated cigarette is wrapped in a paper or paper-like wrap (4) to provide a more realistic feel.

No. of Pages : 28 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(21) Application No.8972/DELNP/2012 A

(54) Title of the invention : REGION ACCESS PLATFORM MOBILE POSITIONING METHOD AND 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 	:H04q :201010257540.X :16/08/2010 :China :PCT/CN2011/070871 :01/02/2011 :WO 2012/022138 :NA :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)YANG Kui
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A region access platform is disclosed by the present invention. The region access platform is set as follows: receiving a positioning request from a positioning client; authenticating the positioning client; and after the authentication is passed acquiring positioning result locally or from a Mobile Positioning Center (MPC) and returning the positioning result to the positioning client. A mobile positioning request from a positioning client authenticates the positioning client and after the authentication is passed acquires positioning result locally or from a Mobile Positioning client authenticates the positioning client and after the authentication is passed acquires positioning result locally or from a Mobile Positioning Center (MPC) and returns the positioning result to the positioning client. A mobile positioning result locally or from a Mobile Positioning Center (MPC) and returns the positioning result to the positioning client. A mobile positioning result locally or from a Mobile Positioning Center (MPC) and returns the positioning result to the positioning client. A mobile positioning system is also disclosed by the present invention. The present invention can facilitate the management and maintenance and also facilitate the operator to carry out the service.

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

(21) Application No.8974/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PREPARING OXALATE FROM CARBON MONOXIDE BY GASEOUS PHASE 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 	:C07C :201010146999.2 :15/04/2010 :China :PCT/CN2011/000649 :13/04/2011 : NA	PETROCHEMICAL TECHNOLOGY SINOPEC (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)LIU Juntao 2)SUN Fengxia 3)KUAI Jun

(57) Abstract :

DISCLOSED IS A METHOD FOR PREPARING AN OXALATE FROM CARBON MONOXIDE(CO) BY GASEOUS PHASE METHOD, WHICH INCLUDES THE FOLLOWING STEPS: (1) ALLOWING A GASEOUS STREAM V CONTAINING NITROGEN MONOXIDE TO OCCUR OXYESTERIFICATION WITH METHANOL AND OXYGEN IN A SUPER-GRAVITY ROTATING BED REACTOR II, TO OBTAIN AN EFFLUX VI CONTAINING METHYL NITRITE; AND INTRODUCING METHYL NITRITE EFFLUX VII OBTAINED AFTER SEPARATING THE EFFLUX VI AND CO GAS II INTO A COUPLING REACTOR II, CONTACTING WITH A CATALYST II, TO OBTAIN DIMETHYL OXALATE EFFLUX VIII AND A GASEOUS EFFLUX IX CONTAINING NITROGEN MONOXIDE; THEN SEPARATING THE OBTAINED DIMETHYL OXALATE VIII TO OBTAIN DIMETHYL OXALATE PRODUCT I; (2) OPTIONALLY, RETURNING THE GASEOUS EFFLUX IX CONTAINING NITROGEN MONOXIDE TO THE STEP (1), MIXING WITH THE GASEOUS STREAM V CONTAINING NITROGEN MONOXIDE AND RECYCLING. THE METHOD MAINLY SOLVES THE TECHNICAL PROBLEM OF LOW UTILIZATION RATE OF NITROGEN OXIDES OR NITRITE IN THE PRIOR ART.

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

(21) Application No.8975/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITE CRIMP FIBER, AND NON-WOVEN FABRIC COMPRISING THE FIBER

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:04/04/2011 : NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUI CHEMICALS INC. Address of Applicant :5-2 Higashi-Shimbashi 1-chome Minato-ku Tokyo 105-7117 Japan (72)Name of Inventor : 1)HISASHI MORIMOTO
Filing Date	:NA	

(57) Abstract :

The present invention provides a crimped conjugated fiber 5 having a crimpable cross-sectional configuration wherein a cross section of the fiber comprises at least two portions: a portion (a) and a portion (b); the portion (a) comprises a propylene polymer (A) and the portion (b) comprises a propylene/u-olefin random copolymer (B); the propylene polymer 10 (A) has Mz/Mw(A) and the propylene/a-olefin random copolymer (B) has Mz/Mw(B) wherein the difference thereof is in the range of Oo10 to 202; and the propylene polymer (A) has a melting point [Tm(A)] and the propylene/a-olefin random copolymer (B) has a melting point [Tm(B)] wherein the difference thereof 15 exceeds 10°C. The present invention also provides a nonwoven fabric comprising the crimped conjugated fiber.

No. of Pages : 50 No. of Claims : 5

(21) Application No.8976/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR THE CORROSION-INHIBITING COATING OF METAL SURFACES USING LOW MOLECULAR MASS PHOSPHORUS COMPOUNDS

(51) International classification(31) Priority Document No(32) Priority Date	:C09d :10 2010 032 786.7 :29/07/2010	 (71)Name of Applicant : 1)BASF COATINGS GMBH Address of Applicant :Glasuritstrasse 1 48165 Munster
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/062451	(72)Name of Inventor :
Filing Date	:20/07/2011	1)MARKUS HICKL
(87) International Publication No	: NA	2)ALEXANDRA STEFFENS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)RAFAEL BAUTISTA MESTER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for the corrosion-inhibiting coating of metal surfaces, which in a first stop involves cleaning the metal surface and 5 optionally treating it with a pretreatment composition and in a second step involves coating the metal surface cleaned and optionally pretreated in step (1) with a primer (P) which comprises at least one binder (BM) and at least one crosslinking agent (V), and also a component (A), (A) being an acidic ester of phosphonic acid, monophosphoric acid and/or polyphosphoric 10 acid, more particularly polyphosphoric acid, and /or of the anhydrides thereof and/or of the esters thereof, and at least one compound (B) which contains at least two hydroxyl groups.

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

(19) INDIA

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

(21) Application No.3165/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRECHARGING AND CLAMPING SYSTEM FOR AN ELECTRIC POWER SYSTEM AND METHOD OF OPERATING THE SAME

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:13/295591	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:14/11/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ZHU, HUIBIN
(87) International Publication No	: NA	2)SMITH, DAVID
(61) Patent of Addition to Application Number	:NA	3)WILMER, DAVID SCOTT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power converter (104) includes a plurality of direct current (DC) conduits (132/133) and a precharging and clamping circuit coupled to the DC conduits. The precharging and clamping circuit includes at least one diode (228/230/232/234/236/238), at least one switching device (212/214/216/218/220/222/ 224/226) coupled in parallel with the diode, and at least one contactor device (208/209/405/407/409) coupled to an alternating current (AC) source (106) and the diode. The at least one contactor device is configured to facilitate alternating said precharging and clamping circuit between precharging operation and voltage clamping operation.

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

(21) Application No.7671/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : BIO-BASED IN-LINE HIGH BARRIER METALIZED FILM AND PROCESS FOR ITS PRODUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:12/716,033 :02/03/2010 :U.S.A.	 (71)Name of Applicant : 1)FRITO-LAY NORTH AMERICA INC. Address of Applicant :7701 Legacy Drive Plano TX 75024- 4099 United States of America. (72)Name of Inventor : 1)KNOERZER Anthony Robert 2)LAVERDURE Kenneth Scott
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)MOUNT Eldridge M. 4)RODGERS Brad Dewayne

(57) Abstract :

BIO-BASED HIGH BARRIER METALIZED FILM SUCH AS PLA OR PHA HAS AN ADHESION LAYER COATED OR CO-EXTRUDED WITH THE BIO-BASED FILM AND A METAL OXIDE IS DISPOSED ON THE ADHESION LAYER. THE ADHESION LAYER CAN BE A CO-EXTRUDED POLYETHYLENE TEREPHTHALATE, NYLON, POLYGLY COLIC ACID, OR ETHYLENE VINYL ALCOHOL. THE ADHESION LAYER CAN HAVE A COATING OF EVOH, A NYLON/EVOH BLEND, PVOH, PVOH/EAA MIXTURES, OR A PRIMER.

No. of Pages : 23 No. of Claims : 21

(21) Application No.8966/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : INSTRUMENTED ASSEMBLY FOR AN AXLE JOURNAL, AND ASSEMBLY METHOD

(51) International classification	:B63G	(71)Name of Applicant :
(31) Priority Document No	:1001871	1)NTN-SNR ROULEMENTS
(32) Priority Date	:30/04/2010	Address of Applicant :1 rue des Usines F-74000 Annecy
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2011/000194	(72)Name of Inventor :
Filing Date	:31/03/2011	1)GERARD BALLAS
(87) International Publication No	: NA	2)BERNARD CHAUDIER
(61) Patent of Addition to Application	:NA	3)CLOTILDE LESIGNE
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An instrumented assembly for an axle journal comprising a journal cap (26) comprising a bottom (26.1) provided with at least one open hole (26.3) and a skirt (26.2) defining a geometrical reference axis (ZZ), with 5 the skirt having a distal end (26.6) opposite the bottom and constituting an axial support face, with the journal cap having a larger outer diameter D1, and a magnetic encoder ring (36), attached either to a support (40, 50) fixed in relation to the journal cap 10 (26) having a diameter D3, as axial covering with the journal cap (26), or directly to the journal cap (26), and has an outer diameter D2 less than D1.

No. of Pages : 45 No. of Claims : 17

(21) Application No.8969/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COOLING DEVICE FOR AN ENGINE EXHAUST GAS RECIRCULATION CIRCUIT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B23B :1052413 :31/03/2010 :France	 (71)Name of Applicant : 1)VALEO SYSTEMES THERMIQUES. Address of Applicant :8 rue Louis Lormand La Verri[¬]re F- 78320 Le Mesnil-Saint-Denis France
(86) International Application No		(72)Name of Inventor :
Filing Date (87) International Publication No	:28/03/2011 : NA	1)LAURENT ODILLARD 2)YOANN LEMARCHAND
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)OLIVIER LATROY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO A COOLING DEVICE FOR AN ENGINE (1) EXHAUST GAS RECIRCULATION CIRCUIT, NOTABLY THAT OF A MOTOR VEHICLE, SAID CIRCUIT COMPRISING A VALVE (2) FOR CONTROLLING THE CIRCULATION OF SAID GAS, SAID DEVICE COMPRISING A HEAT EXCHANGER (3), KNOWN AS THE EGR EXCHANGER, INTENDED TO ALLOW AN EXCHANGE OF HEAT BETWEEN THE EXHAUST GASES PASSING THROUGH SAID RECIRCULATION CIRCUIT AND A COOLANT FLUID, AND MEANS (4) OF COOLING SAID VALVE. ACCORDING TO THE INVENTION, SAID DEVICE COMPRISES A COOLING LOOP (5), KNOWN AS A HIGH-TEMPERATURE COOLING LOOP AND CONFIGURED SO THAT SAID VALVE COOLING MEANS (4) HAVE A FIRST FLUID PASSING THROUGH THEM, AND A SECOND COOLING LOOP (12), KNOWN AS A LOW-TEMPERATURE COOLING LOOP AND CONFIGURED SO THAT THE EGR EXCHANGER (3) HAS PASSING THROUGH IT A SECOND FLUID AT A TEMPERATURE LOWER THAN THAT OF THE FIRST FLUID. THE INVENTION ALSO RELATES TO AN ASSEMBLY OF AN EXHAUST GAS RECIRCULATION CIRCUIT AND OF SUCH A COOLING DEVICE, AND TO A SYSTEM FOR SUPPLYING AN ENGINE, NOTABLY A SUPERCHARGED DIESEL ENGINE, WITH CHARGE GASES AND COMPRISING AN ENGINE AIR SUPPLY CIRCUIT AND SUCH AN ASSEMBLY.

No. of Pages : 13 No. of Claims : 10

(21) Application No.8970/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PYROLYSIS PLANT FOR PROCESSING CARBONACEOUS FEEDSTOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C07C :A 2011 00050 :04/01/2011 :Ukraine :PCT/UA2012/000001 :03/01/2012 : NA :NA	 (71)Name of Applicant : 1)DAWNFAR INVESTMENTS LIMITED Address of Applicant :Kosta Monti 6 Flat/Office 101 Kaimakli 1025 Nicosia Cyprus 2)YIAYIA SERVICES LIMITED (72)Name of Inventor : 1)VIKTOR GEORGIIOVYCH KHEIFETS 2)MYKOLA VLADYSLAVOVYCH ZLOCHEVSKYI
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to electrocatalytic pyrolysis plants for processing carbonaceous feedstock by pyrolysis and producing pyrolysis synthesis gas and the solid carbon residue pyrocarbon. The plant comprises a reactor (1) in the form of a horizontal cylindrical body (2) with a heat insulating layer (3) and a shell (4), electric heaters (5) situated around the periphery of the body (2) of the reactor (1), a hopper (6) for feedstock, a feed chamber (7) situated in the upper inlet section of the reactor (1) and provided with a charging device (8), a pyrocarbon discharge chamber (9) situated in the lower outlet section of the reactor (1), and a pyrolysis synthesis gas outlet pipe (10) situated in the upper section of the reactor chamber. The reactor is stationary. An agitator (12) is mounted horizontally in the reactor (1), said agitator being in the form of a shaft (13) with inclined blades (14), arranged thereon in a spiral fashion, and being provided with a drive (15). The electric heaters (5) are in the form of a stator winding comprising three electric heater sections, which are situated outside the body of the reactor (1) with an angle of 120° therebetween and which can be connected to a 3-phase or 2-phase AC electric circuit. A catalyst (11) is applied to the inclined blades of the agitator (12) and to the inside surface of the body (2) of the reactor (1). The catalyst (11) is in the form of a sprayed metallic composition comprising a powdered mixture of metals including nickel (Ni), cadmium (Cd) and molybdenum (Mo).

No. of Pages : 30 No. of Claims : 8

(21) Application No.3249/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ULTRASONIC DEVICE FOR CUTTING AND COAGULATING (51) International classification :A61B17/00 (71)Name of Applicant : 1)ETHICON ENDO-SURGERY INC. (31) Priority Document No :61/549,977 Address of Applicant :4545 Creek Road Cincinnati OH (32) Priority Date :21/10/2011 (33) Name of priority country :U.S.A. 45242 U.S.A. (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)RICHARD W. TIMM (87) International Publication No : NA 2)CHARLES J. SCHEIB (61) Patent of Addition to Application Number :NA **3)AMY L. MARCOTTE** Filing Date :NA 4)RYAN M. ASHER (62) Divisional to Application Number :NA **5)JOHN B. SCHULTE** Filing Date :NA **6)JACOB S. GEE**

(57) Abstract :

An ultrasonic clamp coagulator assembly configured to permit selective cutting, coagulation and clamping of tissue during surgical procedures. The assembly includes a blade having a first and second tissue contact surface and a clamping mechanism, including a first and second clamp arm pivotally mounted at the distal portion of the instrument for clamping tissue between first and second tissue contact surfaces, respectively.

No. of Pages : 22 No. of Claims : 13

(21) Application No.366/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTI-VEGF ANTIBODIES AND THEIR USES

 (51) International classification (31) Priority Document No (32) Priority Date (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 16/22 :61/218,005 :17/06/2009 :U.S.A. :PCT/US2010/039029 :17/06/2010 :WO 2010/148223 :NA :NA :NA	 (71)Name of Applicant : 1)ABBOTT BIOTHERAPEUTICS CORP. Address of Applicant :1500 SEAPORT BLVD., REDWOOD CITY, CA 94063, U.S.A. (72)Name of Inventor : 1)FIONA HARDING 2)YOSHIKO AKAMATSU 3)ROBERT B. DUBRIDGE 4)DAVID B. POWERS
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to antibodies directed to vascular endothelial growth factor (VEGF) and uses of such antibodies, for example to treat diseases associated with the activity and/or overproduction of VEGF.

No. of Pages : 226 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :16/10/2012

(21) Application No.8987/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : LANCE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:a47j :A 629/2010 :16/04/2010 :Austria :PCT/AT2011/000179 :13/04/2011	 (71)Name of Applicant : 1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H. Address of Applicant :Freindorf Unterfeldstrasse 3 A-4052 Ansfelden Austria (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	1)KLAUS FEICHTINGER 2)MANFRED HACKL

(57) Abstract :

Method for preparation and purification of a polymer material, wherein the existing polymeric material which is lumpy and not molten, is agitated and heated in a receiving tank (1) by at least one mixing and/or comminution tool (12, 21), and wherein for the removal of undesirable interfering substances which impair the preparation or the further processing of the material, a rinse medium is introduced into an area below the level of the material under processing that is present in the receiving container (1) and/or below the level of the material of the mixing thrombus being formed, into the interior of the receiving container (1), wherein the rinse medium, by forming a forced flow, is passed at least through a partial area of the material and wherein the rinse medium, which is now concentrated and/or ><alurated with interfering substances is subsequently discharged from the receiving tank (1) in an area above the level of the material under processing tank (1) and/or above the material level of the mixing thrombus, and wherein the rinse medium is introduced into the receiving tank (1) via at least one feed rneans (50) that is arranged on at least one lance (70) that projects from a side wall (2) of the receiving tank (1) into the interior space of the receiving tank (1) characterized in that the lance (70) is essentially lamellar and has a relatively small thickness, with an upper surface (83) that faces to the top and which is aligned parallel to the floor area (3), if necessary, and an opposite lower surface (84) that is facing down and that is preferably aligned parallel to the upper surface (83).

No. of Pages : 22 No. of Claims : 26

(21) Application No.8988/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTIBODIES THAT BIND HUMAN CD27 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 	:C07K16/28,A61K39/395,A61P35/00 :61/323720 :13/04/2010 :U.S.A. :PCT/US2011/032355 :13/04/2011 :WO 2011/130434	 (71)Name of Applicant : 1)CELLDEX THERAPEUTICS INC. Address of Applicant :119 Fourth Avenue Needham MA (2494 2725 U.S.A. (72)Name of Inventor : 1)KELER Tibor 2)MARSH Henry C. 3)HE Lizhen 4)VITALE Laura A. 5)THOMAS Lawrence J.
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Isolated monoclonal antibodies which bind to human CD27 and related antibody based compositions and molecules are disclosed. Also disclosed are therapeutic and diagnostic methods for using the antibodies.

No. of Pages : 159 No. of Claims : 120

(21) Application No.8989/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONSTRUCTION MACHINE HAVING A HEATABLE MATERIAL TRANSPORT 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 	:18/03/2011 : NA :NA :NA	 (71)Name of Applicant : 1)JOSEPH V-GELE AG Address of Applicant :Joseph-Vgele-Strae 1 67067 Ludwigshafen Germany (72)Name of Inventor : 1)DIESNER Michael 2)KESSLER Helmut 3)FICKEISEN Steffen
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE INVENTION RELATES TO A CONSTRUCTION MACHINE (1), COMPRISING A DRIVE, WHICH CAN BE OPERATED BY MEANS OF A FUEL, A MATERIAL TRANSPORT DEVICE (4), AND A HEATING DEVICE (7) FOR HEATING THE MATERIAL TRANSPORT DEVICE (4) AND/OR THE MATERIAL TRANSPORTED ON THE MATERIAL TRANSPORT DEVICE. THE INVENTION IS CHARACTERIZED IN THAT THE HEATING DEVICE (7) IS A RADIANT HEATER, WHICH CAN BE OPERATED BY MEANS OF THE SAME FUEL AS THE DRIVE OF THE CONSTRUCTION MACHINE (1).

No. of Pages : 8 No. of Claims : 7

(21) Application No.3251/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SMART PACS WORKFLOW SYSTEMS AND METHODS DRIVEN BY EXPLICIT LEARNING FROM USERS

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A47J :13/303,714 :23/11/2011 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA	Address of Applicant I RIVER ROAD SCHENE (IAD)
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(57) Abstract :

THE INVENTION CERTAIN EMBODIMENTS OF THE PRESENT INVENTION PROVIDE METHODS AND SYSTEMS FOR DETERMINING A HANGING PROTOCOL FOR DISPLAY OF CLINICAL IMAGES IN A STUDY. CERTAIN EMBODIMENTS PROVIDE A MACHINE LEARNING HANGING PROTOCOL ANALYSIS SYSTEM. THE EXAMPLE SYSTEM INCLUDES AN IMAGE PROCESSING MODULE TO PROCESS IMAGE DATA TO PROVIDE ONE OR MORE FEATURES. THE EXAMPLE SYSTEM INCLUDES A LEARNING ENGINE TO RECEIVE PROCESSED IMAGE DATA AND ADDITIONAL DATA TO LEARN AND ADAPT A HANGING PROTOCOL FOR REPEATED USE BY APPLYING ONE OR MORE MACHINE LEARNING ALGORITHMS TO THE PROCESSED IMAGE DATA AND ADDITIONAL DATA. THE LEARNING ENGINE IS TO CONTINUE TO REFINE AN AVAILABLE SELECTION OF CANDIDATE LAYOUTS BASED ON THE PROCESSED IMAGE DATA AND ADDITIONAL DATA TO PROVIDE ONE OR MORE LAYOUT CHOICES FOR SELECTION TO FORM A HANGING PROTOCOL FOR DISPLAY OF IMAGE AND OTHER DATA.

No. of Pages : 60 No. of Claims : 22

(21) Application No.5352/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ENZYMATIC WOUND DEBRIDING COMPOSITIONS WITH ENHANCED ENZYMATIC ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12P :61/267,730 :08/12/2009 :U.S.A. :PCT/US2010/059409 :08/12/2010 : NA :NA :NA	 (71)Name of Applicant : 1)HEALTHPOINT LTD. Address of Applicant :318 McCullough San Antonio TX 78215 U.S.A. (72)Name of Inventor : 1)LEI SHI 2)ALEKSA JOVANOVIC 3)DUNCAN AUST
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE PRESENT INVENTION IS DIRECTED TO TOPICAL ENZYMATIC WOUND DEBRIDING COMPOSITIONS WITH ENHANCED ENZYMATIC ACTIVITY. THESE COMPOSITIONS COMPRISE A DISPERSED PHASE COMPRISING AT LEAST ONE PROTEOLYTIC ENZYME AND AT LEAST ONE HYDROPHILIC POLYOL; AND A CONTINUOUS PHASE COMPRISING A HYDROPHOBIC BASE.

No. of Pages : 48 No. of Claims : 36

(21) Application No.5473/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LIPIDS LIPID COMPOSITIONS AND METHODS OF USING THEM

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A61P 35/00 :61/284787 :23/12/2009 :U.S.A. :PCT/EP2010/070412 :21/12/2010 :WO 2011/076807 :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)BARYZA Jeremy 2)BOWMAN Keith 3)GEALL Andrew 4)FAZAL Tanzina 5)LEE Cameron 6)VARGEESE Chandra 7)WEST Laura 8)ZHAO Junping
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(57) Abstract :

Disclosed are formulation and optimization protocols for delivery of therapeutically effective amounts of biologically active agents to liver tumors and/or other cells or tissues. Also provided are compositions and uses for cationic lipid compounds of formula (I). The invention also relates to compositions and uses for stealth lipids of formula (XI). Also provided are processes for making such compounds compositions and formulations plus methods and uses of such compounds compositions and formulations to deliver biologically active agents to cells and/or tissues.

No. of Pages : 188 No. of Claims : 22

(21) Application No.8992/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HYDROGEN PRODUCTION SYSTEM FOR REGULATING THE POWER AT RENEWABLE ENERGY ELECTRIC PLANTS AND A REGULATION METHOD

 (31) Priority Document No (32) Priority Date (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 	:C25B1/02,C25B15/02,F03D9/02 :NA :NA :NA :PCT/ES2010/070272 :28/04/2010 :WO 2011/135110 :NA :NA	 (71)Name of Applicant : 1)INGETEAM POWER TECHNOLOGY S. A. Address of Applicant :Parque Tecnol³gico de Bizkaia Edificio 106 2ª planta 48170 Zamudio Bizkaia Spain 2)ACCIONA ENERG A S. A. (72)Name of Inventor : 1)P‰REZ BARB CHANO Javier 2)GUELBENZU MICHELENA Eugenio 3)SANCHIS GšRPIDE Pablo 4)URSšA RUBIO Alfredo 5)MARROYO PALOMO Luis 6)S NCHEZ MAYAYO Israel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a system that is essentially comprised of a hierarchic configuration of independently operated electrolysis units (5) the power levels of which descend in such a way that for any unit in the system the sum of the power of the smaller electrolysis units (5) is always greater than or equal to the deadband (DB) of said unit enabling the deadband of said hydrogen production system (4) to be reduced to negligible levels avoiding the loss or discharge of energy produced in said renewable energy plants preferably one or more wind parks (2) consisting of a series of wind turbines (1) connected to the electric grid (3) as a result of the implementation of a primary regulation service thereof or in general of any other active power regulation service thus optimizing the total energy obtained.

No. of Pages : 33 No. of Claims : 21

(21) Application No.8993/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CROSS LAMINATED ELECTROCHEMICAL CELL MEMBRANES

(51) International classification:H01M8/02,H01M8/10,B32B27/00		(71)Name of Applicant :
(31) Priority Document No	:NA	1)UTC POWER CORPORATION
(32) Priority Date	:NA	Address of Applicant :195 Governors Highway South Windsor
(33) Name of priority country	:NA	CT 06074 U.S.A.
(86) International Application No Filing Date	:PCT/US2010/001376 :10/05/2010	(72)Name of Inventor :1)SKIBA Tommy2)MARZULLO Jesse M.
(87) International Publication No	:WO 2011/142732	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fuel cell proton exchange membrane electrolyte is formed of a first layer (6) having its stronger tensile strength oriented in one direction laminated to a second layer (7) having its stronger tensile strength oriented perpendicular to the stronger direction of the first layer.

No. of Pages : 8 No. of Claims : 6

(21) Application No.8983/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEMS AND METHODS OF IMPROVING THE QUALITY OF VOIP COMMUNICATIONS

(57) Abstract :

Methods of addressing problems in a voice over Internet protocol (VOIP) telephony system include collecting data on network events analyzing the data and taking corrective action when possible. If an IP telephony device is registering with the VOIP telephony system more frequently than necessary which can indicate the IP telephony device is unnecessarily jumping between proxy services the IP telephony device is instructed to re initialize itself. If an IP telephony device sends two successive stay alive registration messages to a proxy server from different ports of a router which can indicate that a router pinhole is closing between stay alive messages then the IP telephony device is instructed to send stay alive registration messages more frequently. If data packet statistics indicate that an IP telephony device is experiencing a jitter problem the IP telephony device is instructed to increase the size of a data buffer for incoming data packets.

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

(21) Application No.8984/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ELECTROCARDIOGRAPHIC MONITORING 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 (57) Abstract : 	:A61B5/0402,A61B5/0408,A61B5/0452 :61/314628 :17/03/2010 :U.S.A. :PCT/SG2011/000105 :17/03/2011 :WO 2011/115579 O:NA :NA :NA	 (71)Name of Applicant : 1)WEB BIOTECHNOLOGY PTE LTD Address of Applicant :2 Boon Leat Terrace #07 02 Harbourside 2 Singapore 119844 Singapore (72)Name of Inventor : 1)SHIM Se Ngie Winston 2)WONG En Hou Philip 3)LOO Yong Ying 4)PUAH Soon Hiang
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(57) Abstract :

According to one aspect of the invention there is provided an electrocardiographic monitoring system including: a housing configured to be attached to a creature body part the housing including: a plurality of electrodes confined within the boundary of the housing the plurality of electrodes arranged a distance apart from each other and accessible from a same exterior surface of the housing; a signal processor configured to receive signals from any one or more of the plurality of electrodes and transmit signals to any one or more of the plurality of electrodes; and a transmitter configured to transmit signals from the signal processor.

No. of Pages : 63 No. of Claims : 41

(21) Application No.8985/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING FLOW RATES OF EXCRETED OR SECRETED BODY 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 	:A61m :204752 :25/03/2010 :Israel :PCT/IL2011/000232 :10/03/2011 :WO 2011/117859	 (71)Name of Applicant : 1)VASA APPLIED TECHNOLOGIES LTD. Address of Applicant :33 Lazarov Street 75654 Rishon Letzion Israel (72)Name of Inventor : 1)SELLA Yoav
 (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 an apparatus and method to determine and monitor the flow rates and volume of fluids excreted or secreted by the body. The invention achieves the above objects by providing an apparatus comprising; a measuring unit comprising a conduit made of a material having a low thermal conductivity and supporting at least two thermistors; an upstream thermistor serving as a compensation thermistor and a downstream thermistor located as far downstream as possible from said upstream thermistor and pre heated to and kept at pre defined temperature which is warmer than the fluid temperature to be metered; and means for applying small electric voltages to the thermistors to enable generation of an electric signal; and a control and display unit being operatively connected to the measuring unit.

No. of Pages : 21 No. of Claims : 10

(21) Application No.8986/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : THERMODYNAMIC CYCLE AND HEAT ENGINES

(51) International classification	:F02G1/043,F02G1/047,F02G1/057	(71)Name of Applicant : 1)VIKING HEAT ENGINES AS
(31) Priority Document No	:20100447	Address of Applicant :Postboks 22 N 4661 Kristiansand
(32) Priority Date	:26/03/2010	Norway
(33) Name of priority country	:Norway	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/NO2011/000105 :25/03/2011	1)RISL NES Harald
(87) International Publication No	:WO 2011/119046	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A method for heat exchanging in and work exchanging with a working fluid in a heat engine or a heat pump if the method and its sub processes are substantially reversed is described wherein a thermodynamic cycle for the working fluid is approximately described through the polytropic relation PV = constant where P is the pressure V is the volume and n is the polytropic index of the working fluid with adiabatic index gamma () and wherein the engine consists of at least one working mechanism (1) provided with a first (150) and at least a second volume change chamber (151 151) the method comprising in sequence at least the following steps: a) in a first volume change process to carry out a first polytropic volume change of the working fluid in a first volume change chamber (150) where n < Y and b) in a second volume change process to carry out at least one second near adiabatic or polytropic volume change of the working fluid from a first (150) to a second (151) volume change chamber where n < or where a volume change starts with n < and ands near adiabatic (n \ddot{E}). Also described is a heat engine arrangement for practicing the method.

No. of Pages : 69 No. of Claims : 18

(21) Application No.8994/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LYSOSOMAL STORAGE DISEASE ENZYME

(51) International classification	:C12N9/20,C12N15/55,A61K38/46	(71)Name of Applicant : 1)SYNAGEVA BIOPHARMA CORP
(31) Priority Document No	:61/343177	Address of Applicant :Synageva BioPharma Corp. 128 Spring
(32) Priority Date	:23/04/2010	Street Suite 520 Lexington Massachusetts 02421 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/US2011/033699 :23/04/2011	1)QUINN Anthony 2)HARVEY Alex J.
No	:WO 2011/133960	
(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 compositions of recombinant human lysosomal acid lipase having particular glycosylation patterns for internalization into target cells a vector containing the nucleic acid encoding human lysosomal acid lipase a host cell transformed with the vector pharmaceutical compositions comprising the recombinant human lysosomal acid lipase and method of treating conditions associated with lysosomal acid lipase deficiency.

No. of Pages : 142 No. of Claims : 72

(21) Application No.8995/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SHEET METAL GUIDE RAIL FOR AN ELEVATOR SYSTEM (51) International classification :B66B7/02,B66B7/04,B66B5/16 (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. (72)Name of Inventor : (86) International Application No: PCT/US2010/035742 1)PIECH Zbigniew Filing Date :21/05/2010 2)FARGO Richard N. (87) International Publication No :WO 2011/146071 (61) Patent of Addition to 3)RIVERA Jaime A. :NA Application Number :NA Filing Date

(57) Abstract :

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A guide rail (14) for an elevator system (10) includes a base (20) connectable with a wall of a hoistway (12) of the elevator system (10) and a web section (24) connected to and extending from the base (20). A tip section (26) is located at an end of the web section (24) and is operably connectable to an elevator car (16) of the elevator system (10). The base (20) the web section (24) and the tip section (26) are formed of one or more thicknesses (28) of sheet metal material. An elevator system (10) includes an elevator car (16) located in a hoistway (12) and a guide rail (14) extending along the hoistway (12) and operably connected to the elevator car (16) for guiding the elevator car (16) along the hoistway (12). The guide rail (14) is configured such that braking forces applied to the guide rail (14) by a braking mechanism (36) successfully reduce the speed of the elevator car (16) without resulting in failure of the guide rail (14).

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

(21) Application No.8996/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : TREATMENT OF ASTHMA ALLERGIC RHINITIS AND IMPROVEMENT OF QUALITY OF SLEEP BY TEMPERATURE CONTROLLED LAMINAR AIRFLOW TREATMENT

(51) International classification (31) Priority Document No	:F24F3/16,A61G10/02,A61M16/00 :61/314345	 (71)Name of Applicant : 1)AIRSONETT AB Address of Applicant :Metallgatan 33 S 26272 ,,ngelholm
(32) Priority Date	:16/03/2010	Sweden
(33) Name of priority country		(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2010/003369 :30/12/2010	1)KRISTENSSON Dan Allan Robert 2)SVENSSON Pal Martin 3)KORNFELD Mark
(87) International Publication No	:WO 2011/114186	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates in general to methods and devices for displacing body convection and thereby reducing exposure to allergens and other airborne fine particles within a personal breathing zone during situations of or corresponding to sleep thereby reducing or removing symptoms of asthma and allergic rhinitis while improving quality of sleep and in particular to methods and devices that utilize Temperature controlled Laminar Airflow (abbreviated TLA from herein and onwards). Also business methods involving such methods and devices are disclosed.

No. of Pages : 52 No. of Claims : 12

(21) Application No.8997/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRIAZOLE-SUBSTITUTED ANTHRANILIC ACID AMIDES AS PESTICIDES

 (51) International classification (31) Priority Document No (32) Priority Date (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 :10160117.7 :16/04/2010 :EPO :PCT/EP2011/055693 :12/04/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :Alfred-Nobel-Strasse 50 40789 Monheim Germany (72)Name of Inventor : 1)RDIGER FISCHER 2)CHRISTOPH GRONDAL 3)ERNST RUDOLF GESING 4)HEINZ-JRGEN WROBLOWSKY 5)ACHIM HENSE 6)EVA-MARIA FRANKEN 7)ARND VOERSTE 8)ULRICH G-RGENS
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(57) Abstract :

THE PRESENT INVENTION RELATES TO NOVEL TRIAZOLE-SUBSTITUTED ANTHRANILIC ACID AMIDES OF THE GENERAL FORMULA (I), IN WHICH R1, R2, R3, R4, R5, R6, Q, A AND N HAVE THE MEANINGS GIVEN IN THE DESCRIPTION, TO THE USE THEREOF AS INSECTICIDES AND ACARICIDES FOR CONTROLLING ANIMAL PESTS, ALSO IN COMBINATION WITH FURTHER AGENTS FOR INCREASED EFFECTIVENESS, AND TO A PLURALITY OF METHODS FOR PRODUCING SAME.

No. of Pages : 189 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :16/10/2012

(21) Application No.8998/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTIBODIES FOR THE TREATMENT OF CLOSTRIDIUM DIFFICILE ASSOCIATED INFECTION AND DISEASE

(86) International Application No Filing Date	:C12N15/13,A61K39/395 :61/324,503 :15/04/2010 :U.S.A. :PCT/US2011/032713 :15/04/2011 :WO 2011/130650 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PROGENICS PHARMACEUTICALS INC. Address of Applicant :777 Old Saw Mill River Road Tarrytown NY 10591 U.S.A. (72)Name of Inventor : 1)MA Dangshe 2)NAGASHIMA Kirsten 3)KENNEDY Brian 4)DONOVAN Gerald P. 5)KANG Yun 6)OLSON William C. 7)KUMAR Shankar 8)TSURUSHITA Naoya 9)MAROZSAN Andre J. 10)CUPO Albert
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(57) Abstract :

Provided herein are reagents compositions and therapies with which to treat Clostridium difficile infection and related disease conditions and pathologies such as Clostridium difficile associated diarrhea resulting from infection by Clostridium difficile bacteria and the enterotoxins produced by these bacteria. In particular antibodies or antigen binding fragments thereof that bind specifically to toxin A and/or toxin B of C difficile and neutralize the activities of these toxins; compositions comprising such antibodies; and methods of using the antibodies and the compositions are provided.

No. of Pages : 227 No. of Claims : 180

(21) Application No.1047/DEL/1996 A

(19) INDIA

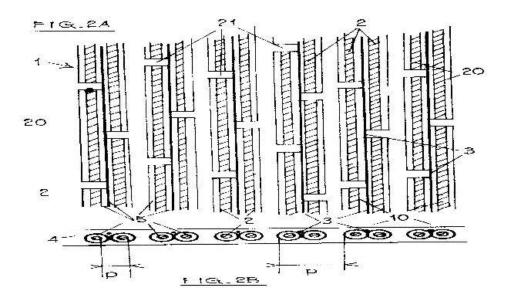
(22) Date of filing of Application :17/05/1996

(43) Publication Date : 27/06/2014

(54) Title of the invention : A TYRE HAVING AT LEAST ONE CARCASS REINFORCEMENT		
(51) International classification	:B60C9/02	(71)Name of Applicant :
(31) Priority Document No	:95/06504	1)COMPAGNIE GENERALE DES ETABLISSMETNS
(32) Priority Date	:30/05/1995	MICHELIN-MICHELIN & CIE
(33) Name of priority country	:France	Address of Applicant :12 COURS, COURS SABLON, F
(86) International Application No	:NA	63040, CLERMONT-FERRAND CEDEX, FRANCE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)JEAN BILLIERES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tyre having at least one carcass reinforcement, furthermore comprising at least one additional reinforcement ply (1) of maximum circumferential length L, composed at least of lengths (20) of metal wires or cables, of lengths of between 0.1 L and 0.5 L, arranged substantially circumferentially, parallel to each other and forming rows separated from each other, in the direction perpendicular to their orientation, by gaps (p, P), characterised in that a textile cord or cable (3) of synthetic material is present in at least one gap out of two, and continuous over the entire length of the rows. Application to a crown reinforcement for heavy-goods vehicle-type tyres, the ply (1) being a ply with circumferential elements. FIG. 2.



No. of Pages : 14 No. of Claims : 5

(21) Application No.3183/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : FREE-WHEEL

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
•	084397.3	Address of Applicant :Industriestrae 1-3 91074
(32) Priority Date	:13/10/2011	Herzogenaurach Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)FRIEDER ALTMANN
Filing Date	:NA	2)SWEN DORRIE
(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		

(57) Abstract :

THE INVENTION CONCERNS A FREE-WHEEL (1) COMPRISING TWO RADIALLY INTER-INSERTED RACE RINGS (3, 4) AND, ARRANGED BETWEEN THESE RINGS, CLAMPING BODIES THAT LOCK IN ONE DIRECTION OF ROTATION AND ARE OVERRUN IN THE OPPOSITE DIRECTION OF ROTATION. IN ORDER TO PROTECT SUCH FREE-WHEELS (1) FROM BEING DAMAGED BY OVERLOAD TORQUES, THE RADIALLY OUTER RACE RING (3) IS DIVIDED INTO A RETAINING RING (8) AND A RACE RING PART (9), AND A TORQUE LIMITING DEVICE (14) IS ARRANGED BETWEEN THE RETAINING RING (8) AND THE RACE RING PART (9).

No. of Pages : 13 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :12/10/2012

(21) Application No.3184/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : FIBER OPTIC CABLES WITH EXTRUDED ACCESS FEATURES FOR ACCESS TO A CABLE CAVITY

(51) International algoritization	C02D6/44	(71)Nome of Ambigant
(51) International classification	:G02B6/44	(71)Name of Applicant :
(31) Priority Document No	:61/546,694	1)CORNING CABLE SYSTEMS LLC
(32) Priority Date	:13/10/2011	Address of Applicant :Intellectual Property Department SP-
(33) Name of priority country	:U.S.A.	TI-3-1 Corning New York 14831 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MICHAEL JOHN GIMBLET
(87) International Publication No	: NA	2)JULIAN LATELLE GREENWOOD III
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Cables are constructed with embedded discontinuities in the cable jacket that allow the jacket to be torn to provide access to the cable core. The discontinuities can be longitudinally extending strips of polymer material coextruded in the cable jacket.

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

(21) Application No.3255/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AN APPARATUS FOR PERFORMING A PLASMA CHEMICAL VAPOUR DEPOSITION PROCESS

(51) International classification	:H01J37/32	(71)Name of Applicant :
(31) Priority Document No	:2007809	1)DRAKA COMTEQ B.V.
(32) Priority Date	:17/11/2011	Address of Applicant : P.O. Box 1442 5602 BK Eindhoven
(33) Name of priority country	:Netherlands	Netherlands
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VAN STRALEN Mattheus Jacobus Nicolaas
(87) International Publication No	: NA	2)MILICEVIC Igor
(61) Patent of Addition to Application Number	:NA	3)HARTSUIKER Johannes Antoon
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN APPARATUS FOR PERFORMING A PLASMA CHEMICAL VAPOUR DEPOSITION PROCESS THE INVENTION RELATES TO AN APPARATUS FOR PERFORMING A PLASMA CHEMICAL VAPOUR DEPOSITION PROCESS. THE APPARATUS COMPRISES A MAINLY CYLINDRICAL RESONATOR BEING PROVIDED WITH AN OUTER CYLINDRICAL WALL ENCLOSING A RESONANT CAVITY HAVING A SUBSTANTIALLY ROTATIONAL SYMMETRIC SHAPE WITH RESPECT TO A CYLINDRICAL AXIS. THE RESONATOR FURTHER INCLUDES SIDE WALL PORTIONS BOUNDING THE RESONANT CAVITY IN OPPOSITE CYLINDRICAL AXIS DIRECTIONS. IN ADDITION THE APPARATUS COMPRISES A MICROWAVE GUIDE EXTENDING THROUGH THE OUTER CYLINDRICAL WALL INTO THE RESONANT CAVITY. THE LENGTH OF THE RESONANT CAVITY IN THE CYLINDRICAL DIRECTION VARIES AS A FUNCTION OF THE RADIAL DISTANCE TO THE CYLINDRICAL AXIS.

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

(21) Application No.9038/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR PRODUCTION OF MODIFIED CONJUGATED DIENE RUBBER, MODIFIED CONJUGATED DIENE RUBBER, AND RUBBER COMPOSITION

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:2010-080337	1)JSR CORPORATION
(32) Priority Date	:31/03/2010	Address of Applicant :9-2 Higashi-shinbashi 1-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 1058640 Japan
(86) International Application No	:PCT/JP2011/057949	(72)Name of Inventor :
Filing Date	:30/03/2011	1)TAKAHIRO NAKAMURA
(87) International Publication No	: NA	2)RYOUJI TANAKA
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a producing method of conjugated diene rubber which can be used as a starting material of cross linked rubber which is used for such as tire tread and can enhance low fuel consumption performance. The method of producing modified conjugated diene rubber, comprising: a process step (a) wherein a conjugated diene polymer with an alkali metal or alkalineearth metal active terminal, which polymer is obtained from polymerization of a conjugated diene compound or polymerization of a conjugated diene compound with an aromatic vinyl compound, is allowed to react with a hydrocarbyloxysilane compound having in its molecule at least one or more of each of the following fimctional groups (I): a hydrocarbyloxysilyl group and (II): a nitrogen containing group formed by substituting one protective group for one hydrogen atom of a secondary amine, a tertiary amino group, an imino group, a pyridyl group to obtain a modified conjugated diene polymer with the functional group (II), and a process step (b) wherein the modified conjugated diene polymer with an onium-forming agent.

No. of Pages : 55 No. of Claims : 9

(21) Application No.7601/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR THE RECOVERY OF TITANIUM DIOXIDE AND VALUE METALS BY REDUCING THE CONCENTRATION OF HYDROCHLORIC ACID IN LEACH SOLUTION AND SYSTEM FOR SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:04/02/2011	 (71)Name of Applicant : 1)NEOMET TECHNOLOGIES INC. Address of Applicant :Suite 424 1455 Peel Street Montral Qubec H3A 1T5 Canada. (72)Name of Inventor : 1)Bryn HARRIS
 (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	2)Carl WHITE

(57) Abstract :

THE PRESENT INVENTION DESCRIBES A PROCESS AND SYSTEM FOR RECOVERING TITANIUM DIOXIDE AND OTHER VALUE METALS FROM A TITANIUM BEARING SOLID. THE PROCESS COMPRISES (A) LEACHING THE SOLID IN HYDROCHLORIC ACID TO PRODUCE A LEACHATE COMPRISING UNDISSOLVED SOLIDS AND A LEACH SOLUTION COMPRISING THE TITANIUM DIOXIDE AND THE VALUE METALS WHEREIN THE HYDROCHLORIC ACID CONCENTRATION IS MAINTAINED ABOVE A VALUE REQUIRED TO MAINTAIN THE TITANIUM DIOXIDE AND THE VALUE METALS DISSOLVED IN THE LEACH SOLUTION AT ATMOSPHERIC PRESSURE; (B) SEPARATING THE LEACHATE INTO THE LEACH SOLUTION AND THE UNDISSOLVED SOLIDS; AND (C) REDUCING THE CONCENTRATION OF HYDROCHLORIC ACID CONCENTRATION IN THE LEACH SOLUTION TO RECOVER TITANIUM DIOXIDE BY HYDROLYSIS AND PRECIPITATION TO PRODUCE A TITANIUM DIOXIDE RICH SLURRY. IN A PREFERRED EMBODIMENT HCL IS RECOVERED WITH A MATRIX SOLUTION.

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

(21) Application No.7845/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

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

(57) Abstract :

The present invention relates to a novel process for the synthesis of Nebivolol product represented in Scheme (1) comprised of a reduced number of high-yield steps and characterized by the kinetic resolution of the two epoxide pairs diastereoisomeric therebetween (mixture 1) allowing to avoid complex chromatographic separations.

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

(21) Application No.8909/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRODUCTION OF ATORVASTATIN LOW IN LACTONE IMPURITIES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07D207/34,C07D405/06 :10160281.1 :19/04/2010 :EPO	 (71)Name of Applicant : 1)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. Address of Applicant :Alexander Fleminglaan 1 NL 2613 AX
(86) International Application No	:PCT/EP2011/056094	Delft Netherlands
Filing Date	:18/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/131601	1)LANGE DE Ben
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the production of atorvastatin having decreased levels of impurity (3) by means of a pH controlling step.

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

(19) INDIA

(22) Date of filing of Application :18/10/2012

(21) Application No.9045/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : DEVICE FOR THE ROTATION OF OBJECTS (EMBODIMENTS). SET FOR THE ROTATION OF OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:a47f :2010117272 :30/04/2010 :Russia :PCT/RU2011/000268 :25/04/2011	 (71)Name of Applicant : 1)BUSHKOVSKIY Evgeniy Vladimirovich Address of Applicant :pr. Koroleva 47 1 30 St.Petersburg 197371 Russia (72)Name of Inventor : 1)BUSHKOVSKIY Evgeniy Vladimirovich
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/136699 :NA :NA :NA :NA	

(57) Abstract :

The inventions relate to light industry and more specifically to containers and rotating stands for various objects. According to a first embodiment the device for the rotation of objects comprises a base with a central supporting protuberance which base is integral to the object or is designed so that an object can be secured thereon the device being characterized in that the relationship of the radius of the base to the height of the central supporting protuberance is within a range of 40 2000. In a second embodiment the base is provided with at least one lateral protuberance the height of which is less than that of the central protuberance. In a third embodiment the base is provided with a central supporting protuberance and is designed so that an object can be secured thereon. In a fourth embodiment the central supporting protuberance has a flat supporting surface or is annular or is made up of individual elements situated around the circumference. A fifth and a sixth embodiment are characterized in that the base has a profiled surface that forms a middle supporting region and a peripheral supporting region. The set for the rotation of objects comprises at least one device in the form of a base with a central supporting protuberance which base is integral to the object or is designed so that an object can be secured thereon and a separate supporting regions at least two bases.

No. of Pages : 41 No. of Claims : 28

(21) Application No.8910/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRODUCTION OF ATORVASTATIN LOW IN ETHER IMPURITIES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:NA	 (71)Name of Applicant : 1)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. Address of Applicant :Alexander Fleminglaan 1 NL 2613 AX Delft Netherlands (72)Name of Inventor : 1)LANGE DE Ben
Application Number Filing Date	:NA :NA	

Τ

(57) Abstract :

The present invention relates to a method for the production of atorvastatin having decreased levels of impurities of general formulae (3) and (4) by means of a concentrating step.

No. of Pages : 12 No. of Claims : 7

(21) Application No.8911/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MULTIFILAMENT YARN CONSTRUCTION

(51) International classification	:D04C1/12	(71)Name of Applicant :
(31) Priority Document No	:10161483.2	1)DSM IP ASSETS B.V.
(32) Priority Date	:29/04/2010	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2011/056855	(72)Name of Inventor :
Filing Date	:29/04/2011	1)NELIS Mischa
(87) International Publication No	:WO 2011/135082	2)MARISSEN Roelof
(61) Patent of Addition to Application	:NA	3)WIERMANS Mandy Maria Jozefina
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a multifilament yarn construction comprising a core part and a sheath part the core part comprising a plurality of core filaments and the sheath part comprising a plurality of sheath filaments. Furthermore the invention concerns members comprising the multifilament yarn construction and uses of the multifilament yarn construction and the members according to the invention.

No. of Pages : 34 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :12/10/2012

(21) Application No.8916/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PISTON HAVING COMBUSTION BOWL SHAPED TO BALANCE COMBUSTION EFFICIENCY AND EMISSION PROPERTIES

(51) International classification	:F02F3/26,F02F3/28,F02B23/00	(71)Name of Applicant :
(31) Priority Document No	:61/326161	1)CATERPILLAR INC.
(32) Priority Date	:20/04/2010	Address of Applicant :100 N.E. Adams Street Peoria IL 61629
(33) Name of priority country	:U.S.A.	9510 U.S.A.
(86) International Application No.):PCT/US2011/033240	(72)Name of Inventor :
Filing Date	:20/04/2011	1)EASLEY William L.
(87) International Publication No	:WO 2011/133664	2)PIERPONT David A.
(61) Patent of Addition to	:NA	3)TIMMONS John P.
Application Number	:NA	4)VENKATASUBRAMANIAM Karthikeyan C.
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.117	

(57) Abstract :

A piston (18) for a compression ignition internal combustion engine (10) includes a piston body (20) having a combustion face (28) defining a combustion bowl (30) and the combustion face (28) including a compound bowl surface (32) and a compound rim surface (38). The combustion face (28) is profiled to balance a combustion efficiency property of the piston (18) with emissions properties of the piston (18) and includes a profile of rotation defining a convex curve segment (110) bisected by the longitudinal axis and a plurality of concave curve segments (112) outboard of the convex curve segment (110). The profile of rotation further includes a compound rim profile defining a plurality of convex curve segments (116) corresponding to an inner rim surface (42). The convex curve segments (116) corresponding to the inner rim surface (42) define a relatively large radius of curvature. The combustion face (28) includes an abrupt transition (48) from the compound bowl surface (32) to the compound rim surface (38).

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

(21) Application No.9050/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR GENERATING A DOUBLE STRANDED NUCLEIC ACID WITH A SINGLE STRANDED OVERHANG

(51) International classification (31) Priority Document No	:C12Q1/68 :PA 2010 00403	(71)Name of Applicant : 1)QUANTIBACT A/S
(32) Priority Date	:07/05/2010	Address of Applicant :Kettegrds All 30 DK 2650 Hvidovre
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050157	(72)Name of Inventor :
Filing Date	:06/05/2011	1)SCHNEIDER Uffe Vest
(87) International Publication No	:WO 2011/137911	2)LISBY Gorm
(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 a method that combines the construction of double stranded target amplification products with one or two single stranded overhangs with improved production of such target amplification products. The single stranded overhang(s) can be used for post amplification capture and subsequent detection / manipulation. The single stranded overhang(s) enable capture / detection / manipulation without interference from the complementary strand in the double stranded target amplification product.

No. of Pages : 46 No. of Claims : 14

(21) Application No.9051/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SECURING OF AN EQUIPMENT BRACKET ON A PLASTICS SKIN OF A MOTOR VEHICLE BODYWORK COMPONENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B26D7/27,B26F1/40,B29C65/08 :1052186 :25/03/2010 :France :PCT/FR2011/050635 :24/03/2011	 1)COMPAGNIE PLASTIC OMNIUM Address of Applicant :19 avenue Jules Carteret F 69007 Lyon France (72)Name of Inventor : 1)TRESSE David
Filing Date (87) International Publication No	:WO 2011/117550	2)VIARD Claude 3)FILISETTI Jean Luc
(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 tooling for securing an equipment bracket (8) on a plastics skin (13) of a motor vehicle bodywork component the equipment being of the type that has to be held by the bracket (8) secured to the skin (13) opposite an orifice formed for this purpose in said skin the tooling comprising a punching element (6) a stripper (7) in which the punching element can slide and a die (2) into which the punching element can penetrate in order to cut the skin and form the orifice. It comprises a bracket holder (2) that is to say a member shaped to receive the bracket (8) which is fitted around said bracket holder (2) and to hold it simply on account of this fitting in its final position with respect to the skin (13); the die (2b) is an end of the bracket holder (2) opposite the punching element (6); the tooling comprises securing means (5 7) for securing the bracket (8) to the skin (13) when it is fitted on the bracket holder (2). The invention also relates to a securing method and a bodywork component.

No. of Pages : 14 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :23/10/2012

(21) Application No.3272/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS AND METHOD FOR RECEIVING AND SENDING MESSAGES

(51) International classification	:G07C5/08	(71)Name of Applicant :
(31) Priority Document No	:13/300935	1)GE AVIATION SYSTEMS LLC
(32) Priority Date	:21/11/2011	Address of Applicant :3290 PATTERSON AVENUE, SE
(33) Name of priority country	:U.S.A.	GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOEBEL, CHRISTOPHER JOHN
(87) International Publication No	: NA	2)ROSSMILLER, MATTHEW DEAN
(61) Patent of Addition to Application Number	:NA	3)NOORMAN, MICHAEL DAVID
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A health management system for an aircraft capable of generating a status report and a method of providing such a status report from such a health management system of an aircraft, where the aircraft has multiple systems connected to a data network and the multiple systems output status messages regarding the multiple systems.

No. of Pages : 17 No. of Claims : 20

(21) Application No.3273/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012

(54) Title of the invention : SYSTEM AND APPARATUS FOR RADIATION DIAGNOSIS

(43) Publication Date : 27/06/2014

(71)Name of Applicant : :G01M (51) International classification 15/14 1) GE AVIATION SYSTEMS LLC (31) Priority Document No :13/303238 Address of Applicant :3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A. (32) Priority Date :23/11/2011 (33) Name of priority country :U.S.A. (72)Name of Inventor : (86) International Application No :NA 1)WILSON, JONATHAN PAUL Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A diagnostic system and diagnostic tool for determining an operation health of an electrical, mechanical or electro-mechanical apparatus. Where the diagnostic system and diagnostic tool determine an operational health based on radiation emitted by the apparatus and where radiation profiles for the apparatus may be established to determine a health of the apparatus.

No. of Pages : 25 No. of Claims : 45

(21) Application No.5289/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITIONS AND USES OF CIS 1 1 1 4 4 4 HEXAFLUORO 2 BUTENE

 (51) International classification (31) Priority Document No (32) 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/US2010/060646 :16/12/2010 :WO 2011/084553 :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)HULSE Ryan 2)ZYHOWSKI Gary John 3)HOFMAN Bjiorn 4)WILLIAMS Dave 5)KNOPECK Gary 6)RICHARD Robert G. 7)BASU Rajat 8)SINGH Rajiv Ratna
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THIS INVENTION RELATES TO COMPOSITIONS, METHODS AND SYSTEMS HAVING UTILITY IN NUMEROUS APPLICATIONS, AND IN PARTICULAR, USES FOR COMPOSITIONS CONTAINING THE COMPOUND CIS-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE (Z-HFO-1336MZZM), WHICH HAS THE FOLLOWING STRUCTURE: (FORMULA I).

No. of Pages : 62 No. of Claims : 17

(21) Application No.5412/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HIGH-SPEED CROSS-LINKING SYSTEM

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:09/58,621	1)ARKEMA FRANCE
(32) Priority Date	:03/12/2009	Address of Applicant :420 rue dEstienne dOrves F-92700
(33) Name of priority country	:France	Colombes FRANCE
(86) International Application No	:PCT/FR2010/052498	(72)Name of Inventor :
Filing Date	:24/11/2010	1)KEROMNES Laurent
(87) International Publication No	: NA	2)DEVISME Samuel
(61) Patent of Addition to Application	:NA	3)CORFIAS-ZUCCALLI Catherine
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO A CROSS-LINKING SYSTEM WHICH INCLUDES AT LEAST: ONE ORGANIC PEROXIDE HAVING A HALF-LIFE OF ONE HOUR AT ANY TEMPERATURE SELECTED IN THE RANGE FROM 80°C TO 115°C, AND A CROSS-LINKING COAGENT, THE HALF-LIFE OF SAID PEROXIDE BEING MEASURED BY DISSOLVING THE PEROXIDE IN N-DODECANE HAVING A CONCENTRATION OF 0.2 MOL/L. SAID SYSTEM ENABLES, WHEN ADDED TO A POLYMER, QUICK CROSS-LINKING OF SAID POLYMER. THE SYSTEM IS IN PARTICULAR SUITABLE FOR ENCAPSULATING PHOTOVOLTAIC MODULES; IN PARTICULAR, THE SYSTEM CAN BE USED TO IMPROVE THE PRODUCTIVITY OF THE METHOD FOR MANUFACTURING SAID MODULES.

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

(21) Application No.8919/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CARTRIDGE HAVING A SENSOR FOR DETERMINING THE DIFFERENCE BETWEEN A FIRST LIQUID FLOW AND A SECOND LIQUID FLOW

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:102010002871.1 :15/03/2010 :Germany	 (71)Name of Applicant : 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant :Else Krner Strasse 1 61352 Bad Homburg Germany (72)Name of Inventor : 1)NIKOLIC Dejan 2)HEIDE Alexander
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to the balancing of liquid flows in a dialysis system. In particular, the invention relates to a cartridge for conveying a first liquid flow and a second liquid flow in a dialysis system, wherein the first and second liquid flows may be medical liquid flows, for example dialysate flows or blood flows, wherein the cartridge has a sensor as an apparatus for balancing the first and second liquid flows, and wherein the sensor has a first channel for the first liquid flow and a second channel for the second liquid flow. The invention also relates to a dialysis apparatus which is designed to receive at least one cartridge designed as explained above. The present invention also relates to an arrangement which forms two channels for the first and second liquid flows. The invention additionally relates to a method for setting up the two channels or the arrangement.

No. of Pages : 35 No. of Claims : 21

(21) Application No.9058/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROTECTION CIRCUITS AND METHODS FOR ELECTRICAL MACHINES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:10003396.8 :30/03/2010 :EPO :PCT/EP2011/001235 :14/03/2011 :WO 2011/120631 :NA :NA	 (71)Name of Applicant : 1)GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED Address of Applicant :Boughton Road Rugby Warwickshire CV21 1BU U.K. (72)Name of Inventor : 1)LEWIS Eric Anthony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An assembly includes an electrical machine (2) connected to a power converter (6) by a three phase circuit (8) having three conductors e.g. cables (10a 10b 10c). Each conductor (10a 10b 10c) is associated with a switching device (14a 14b 14c) such as a contactor or the like that connects the conductor to a common conductor (16) or terminal. In the event of a fault current being developed in the circuit (8) or the power converter (4) the switching devices (14a 14b 14c) are operated to close the fault current and connect together the conductors (10a 10b 10c) of the three phase circuit (6) to provide a full three phase short circuit.

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

(19) INDIA

(22) Date of filing of Application :28/09/2012

(21) Application No.3061/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : MULTIPOINT OFFSET SAMPLING DEFORMATION		
(51) International classification(31) Priority Document No(32) Priority Date	:G06T13/00 :13/269,477 :07/10/2011	
(33) Name of priority country	:U.S.A.	GLENDALE, CA 91201-3007, U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)DILORENZO, PAUL CARMEN
(87) International Publication No	: NA	2)GONG, MATTHEW CHRISTOPHER
(61) Patent of Addition to Application Number	:NA	3)GREGORY, ARTHUR D.
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A skin deformation system for use in computer animation is disclosed. The skin deformation system accesses the skeleton structure of a computer generated character, and accesses a users identification of features of the skeleton structure that may affect a skin deformation. The system also accesses the users identification of a weighting strategy. Using the identified weighting strategy and identified features of the skeleton structure, the skin deformation system determines the degree to which each feature identified by the user may influence the deformation of a skin of the computer generated character. The skin gm, deformation system may incorporate secondary operations including bulge, slide, scale and twist into the deformation of a skin. Information relating to a deformed skin may be stored by the skin deformation system so that the information may be used to produce a visual image for a viewer.

No. of Pages : 41 No. of Claims : 33

(21) Application No.3290/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ELECTROCONDUCTIVE PASTE COMPOSITION CONTAINING METAL NANOPARTICLES

(51) International classification	:H01L31/18	(71)Name of Applicant :
(31) Priority Document No	:61/550,998	1)HERAEUS PRECIOUS METALS NORTH AMERICA
(32) Priority Date	:25/10/2011	CONSHOHOCKEN LLC,
(33) Name of priority country	:U.S.A.	Address of Applicant :24 UNION HILL ROAD WEST
(86) International Application No	:NA	CONSHOHOCKEN, PENNSYLVANIA, 19428 U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHEN, CHILONG
(61) Patent of Addition to Application Number	:NA	2)ZHANG, WEIMING
Filing Date	:NA	3)GUO, TRACY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN ELECTROCONDUCTIVE PASTE COMPOSITION, PARTICULARLY FOR SOLAR CELLS, CONTAINS SILVER PARTICLES, GLASS FRIT, AN ORGANIC VEHICLE, AND A NANOPARTICLE ADDITIVE. THE ADDITIVE CONTAINS ELECTRICALLY CONDUCTIVE METAL, METAL ALLOY, AND/OR METAL SILICIDE NANOPARTICLES, SUCH AS NICKEL, CHROMIUM, COBALT, TITANIUM, OR ALLOYS, SILICIDES, AND MIXTURES THEREOF. WHEN USED TO FORM AN ELECTRICAL CONTACT ON A SOLAR CELL, SUCH A PASTE PROVIDES FOR DECREASED CONTACT RESISTANCE BETWEEN THE PASTE AND THE SUBSTRATE AND IMPROVED EFFICIENCY OFTHE SOLAR CELL.

No. of Pages : 31 No. of Claims : 22

(21) Application No.3294/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS AND METHOD FOR AGGREGATING HEALTH MANAGEMENT INFORMATION

(51) Internetienel alereitien	C01M17/00	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:1119325.7	1)GE AVIATION SYSTEMS LIMITED
(32) Priority Date	:09/11/2011	Address of Applicant : BISHOPS CLEEVE CHELTENHAM,
(33) Name of priority country	:U.K.	GLOUCESTERSHIRE GL52 8SF (GB) U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMSON, MARK HOWARD
(87) International Publication No	: NA	2)DUNSDON, JONATHAN MARK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN APPARATUS AND METHOD FOR AGGREGATING HEALTH MANAGEMENT INFORMATION INCLUDES AN AIRCRAFT (10) HAVING A FLIGHT COMPUTER (22) COUPLED TO A PLURALITY OF AIRCRAFT SYSTEMS (20). EACH SYSTEM (20) HAS A BUILT IN TEST (BIT) (30) PROTOCOL THAT SELF-DIAGNOSES A HEALTH OF THE SYSTEM (20) AND OUTPUTS CORRESPONDING BIT DATA TO THE FLIGHT COMPUTER (22) FOR CONTEMPORANEOUS DISPLAY ON A FLIGHT DISPLAY (24).

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

(21) Application No.9069/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUTOMATIC ANALYSIS DEVICE AND AUTOMATIC ANALYSIS 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 	:G01N35/00,G01N21/75 :2010-096770 :20/04/2010 :Japan :PCT/JP2011/058595 :05/04/2011 :WO 2011/132525 :NA :NA :NA	 (71)Name of Applicant : 1)HITACHI HIGH TECHNOLOGIES CORPORATION Address of Applicant :24 14 Nishi Shimbashi 1 chome Minato ku Tokyo 1058717 Japan (72)Name of Inventor : 1)MANRI Chihiro 2)MITSUYAMA Satoshi 3)MIMURA Tomonori 4)KAMIHARA Kumiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a technique that in an automatic analysis device that mixes a sample and a reagent and measures chronological changes in the liquid mixture automatically determines or predicts a linear range that is characteristic to the sample and that arises in the reaction process. In the present disclosures reaction process data are approximated by a function and the curved portion of the initial period or the latter period of the reaction is automatically determined on the basis of said function. The linear range that excludes the curved portion is determined for each sample and a test value is calculated using light absorption data of the determined linear range. Also the linear start time point of the initial period of the reaction is automatically determined on the basis of said linear start time point and a basined until partway through the reaction process the linear range is predicted on the basis of said linear start time point and a linear end time point expected ahead of time and a predicted value is calculated on the basis of the results thereof.

No. of Pages : 54 No. of Claims : 14

(21) Application No.9062/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : OLIGOMERIZATION CATALYST SYSTEM AND PROCESS FOR OLIGOMERIZING 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 	:B01J31/18,B01J31/14 :12/771122 :30/04/2010 :U.S.A. :PCT/US2011/033431 :21/04/2011 :WO 2011/137027 :NA :NA	 (71)Name of Applicant : 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant :10001 Six Pines Drive The Woodlands Texas 77380 U.S.A. (72)Name of Inventor : 1)SYDORA Orson L
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Among other things this disclosure provides an olefin oligomerization system and process the system comprising: a) a transition metal compound; b) a pyrrole compound having a hydrogen atom on at the 5 position or the 2 and 5 position of a pyrrole compound and having a bulky substituent located on each carbon atom adjacent to the carbon atom bearing a hydrogen atom at the 5 position or the 2 and 5 position of a pyrrole compound. These catalyst system have significantly improved productivities selectivities to 1 hexene and provides higher purity 1 hexene within the C6 fraction than catalyst systems using 2 4 dimethyl pyrrole.

No. of Pages : 77 No. of Claims : 22

(21) Application No.9063/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PREDICTIVE INTERNET TRAFFIC STEERING

(57) Abstract :

An Internet steering gateway includes a deep packet inspection (DPI) utility for ascertaining an indication of a destination remote application server (RAS) from a first packet of a data session an RAS database to at least store an optimization profile for each of a multiplicity of the RASs and a steering utility to steer the data session to one of at least one external optimization platform (EOP) and a RAS as per the optimization profile associated with the indication. A method for optimizing network service delivery includes inspecting a first packet of a data session with a deep packet inspection (DPI) utility identifying a destination address for an RAS from the first packet looking up the RAS in a RAS database as per the destination address; and for a the RAS found in the RAS database steering the data session in accordance with a profile associated with the RAS.

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

(21) Application No.9064/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LONG TERM OUTDOOR EXPOSURE RESISTANT OVERMOLDED POLYESTER COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/354378 :14/06/2010 :U.S.A. :PCT/US2011/029887	 (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 :
Filing Date (87) International Publication No	:25/03/2011 :WO 2011/159382	1)ARPIN Thierry
(61) Patent of Addition to Application Number Filing Date	:WO 2011/139382 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the field of ultraviolet light stabilized overmolded composite structures comprising polyester compositions and processes for their preparation. The disclosed overmolded composite structures comprise i) a first component having a least a portion of its surface made of a surface resin composition and comprising a fibrous material being impregnated with a matrix resin composition and ii) a second component comprising an overmolding resin composition wherein the second component is adhered to the first component over at least a portion of the surface of the first component and wherein the surface resin composition is selected from polyester compositions comprising a) one or more polyester resins and b) at least three UV stabilizers.

No. of Pages : 32 No. of Claims : 15

(21) Application No.9065/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONCRETE HOLLOW MODULES AND A WALL OR ROOM CONSTRUCTION METHOD USING THE SAME

(51) International classification	:E04C1/00,E04B2/14,E04B2/18	(71)Name of Applicant :
(31) Priority Document No	:PI2010002200	1)INNOVATIVE PRECAST BUILDERS SDN BHD
· · · · ·	:12/05/2010	Address of Applicant :Lot 719 5 Jalan Sg. Rasah Kg. Padang
(33) Name of priority country	:Malaysia	Jawa Shah Alam Selangor Darul Ehsan 40200 Malaysia
(86) International Application No	:PCT/IB2011/052080	(72)Name of Inventor :
Filing Date	:12/05/2011	1)TAN Kim Hai
(87) International Publication No	:WO 2011/141884	2)LOO Lee Kam
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.11A	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/ 1	

(57) Abstract :

A concrete hollow module (10) assumes essentially the shape of a rectangular block with some profiling variations. Its body is provided with a plurality of vertically disposed cavities (13). Two substantially parallel raised ridges (14) are integrally provided on each elongated side of the top opening of the vertically disposed cavity (13). These raised ridges (14) on one concrete hollow module (10) cooperate correspondingly with a groove depression (15) on adjacent concrete hollow module (10) to form a first surface to surface interlocking tongue and groove mechanism. Protruded surface (I V) on one end of one concrete hollow module (10) to form a second end to end interlocking tongue and groove mechanism. Each end of the concrete hollow module (10) is also provided with two parallel vertical groove lines (16) whereby the wall section in between the two groove lines (16) can be knocked off. A wall or room construction method using the same is also taught.

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

(21) Application No.9052/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CELL CULTURE MEDIUM COMPRISING SMALL PEPTIDES

(57) Abstract :

Cell culture media concentrated media and feeds methods of manufacturing cell culture media and feeds and methods of culturing cells are provided. One or more small peptides including dipeptides are added to the cell culture media to provide improved stability and improved conditions for culturing cells.

No. of Pages : 56 No. of Claims : 68

(19) INDIA

(22) Date of filing of Application :18/10/2012

(21) Application No.9053/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO REFRIGERATED DISPLAY APPLIANCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A47F :1005276.9 :29/03/2010 :U.K. :PCT/GB2011/000474	 (71)Name of Applicant : 1)APPLIED DESIGN AND ENGINEERING LTD Address of Applicant :45 Pinbush Road South Lowestoft Ind. Est. Lowestoft Suffolk NR33 7NL U.K. (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:29/03/2011 :WO 2011/121284 :NA :NA :NA :NA	1)WOOD Ian 2)HAMMOND Edward

(57) Abstract :

A refrigerated display unit (1) having an open fronted cabinet providing a product display space (3) accessible through an access opening (39) provided by the open front. Cooling means (27) produces cold air to refrigerate items in the product display space (3). A cold air curtain is provided across the access opening (39) using a forwardly positioned discharge outlet (5) communicating with a supply duct (45) and a forwardly positioned return inlet (7) in communication with a return duct (41) receiving air from the air curtain (9). The air curtain (9) is substantially unsupported by any supplementary cooling airflow supplied into the product display space (3) separately from the air curtain (9).

No. of Pages : 71 No. of Claims : 61

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A WEARABLE GARMENT AND ITS USE IN PREVENTING STRETCH MARKS

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:a41c :1004924.5 :24/03/2010 :U.K. :PCT/GB2011/050471 :10/03/2011 :WO 2011/117603 :NA :NA :NA	 (71)Name of Applicant : 1)STUFF OF LIFE LIMITED Address of Applicant :Woodhill House Station Road Mayfield East Sussex TN20 6BW U.K. 2)UCL BUSINESS PLC (72)Name of Inventor : 1)BARKER Stephen George Edward 2)STUTCHBURY Daryl M 3)BROWN Robert Albert
Filing Date	:NA :NA	

(57) Abstract :

A band (1) comprising on its inner surface an irregular array of tacky areas or protrusions (6) that dissipate foci of stress in the skin (of the abdominal wall or other body areas). Wearing such a band around the abdomen is intended to help prevent the occurrence of stretch marks.

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

(21) Application No.9054/DELNP/2012 A

(21) Application No.9055/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DEVICE FOR DISTRIBUTING BULK MATERIAL WITH A DISTRIBUTION SPOUT SUPPORTED BY A CARDAN SUSPENSION

(57) Abstract :

A distribution device (100) for distributing bulk material with a distribution spout (102) on a cardan suspension (110) that has a first and a second gimbal member (112 114) pivotable about two perpendicular suspension axes (A B). A drive arrangement has a first and a second transmission mechanism (122 124) for controlling pivotal motion of the distribution spout (102) about the suspension axes. In accordance with the invention the drive arrangement has a further cardan joint (130) with a first part (132) pivotable about a third axis (C) and a second part (134) pivotable about a fourth axis (D) and a rotary motor (142) for driving a rotary drive shaft (140) that is connected to the cardan joint (130) by means of an articulated connecting arm (144). The rotational position and the axial position of the drive shaft (140) determine the pivotal position of the second part (134) about the third and fourth axes (C D) respectively. The transmission mechanisms (122 24) transmit torque about the third and fourth axes (C D) from the cardan joint (130) to the cardan suspension (110) for pivoting the distribution spout (102) about 1 the firstand second axes (A B) respectively.

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

(21) Application No.9056/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MIXED CATALYST

(51) International classification:B01J23/30,C07C51/215,C07C57/03(31) Priority Document No:2010111422(32) Priority Date:13/05/2010(33) Name of priority country:Japan(86) International Application No Filing Date:PCT/JP2011/056941(87) International Publication No:WO 2011/142178(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Filing Date:NA(57) Abstract ::NA	 (71)Name of Applicant : Asahi Kasei Chemicals Corporation Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : KATO Takaaki KADOWAKI Minoru
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(57) Abstract :

Provided i s a mixed catalyst ior gas -phase catalytic oxidation o r gas -phase catalytic ammoxidanon reacuon o f propane o r isobutane, wherein it i s possible t o obtain, from propane or isobutane and at a nigh yield, unsaturated acid or unsatu rated nitrile, respectively. Specifically, disclosed i s a mixed catalyst for gas -phase catalytic oxidation or gas -phase catalytic am moxidation reaction o f propane o r isobutane, which contains a composite oxide represented b y compositional formula (1) and a tungsten compound at a ratio represented b y formula (2). The compositional formula (1) i s M o iV aNbbSb WdZ eO . (In formula (1), Z represents at least one element selected : from among La, Ce, Pr, Yb, Y, Sc, Sr, and Ba; a, b, c, d, e, and n represent the atom r a tio o f each element per 1 atom o f M o such that a i s 0.01<a<, b i s 0.01

compound a s the atom ratio o f ungsten within the tungsten compound a s the atom ratio per 1 atom o f M o in the composite oxide compound a s the atom ratio per 1 atom o f M o in the composite oxide.

No. of Pages : 75 No. of Claims : 5

(21) Application No.4922/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD FOR PREPARING A STATIN COMPOUND BY LACTONIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07C :200910191545.4 :20/11/2009 :China :PCT/CN2010/078949 :22/11/2010 : NA :NA :NA	 (71)Name of Applicant : 1)PEKING UNIVERSITY FOUNDER GROUP CO. LTD. Address of Applicant :5 Floor ZhongGuanCun Founder Building No. 298 ChengFu Rd. HaiDian District Beijing China 100871 2)SOUTHWEST SYNTHETIC PHARMACEUTICAL CORP. LTD. 3)PKU INTERNATIONAL HEALTHCARE GROUP CO. LTD (72)Name of Inventor :
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	1)MA Deyin 2)HE Qingkai 3)ZHANG Yunhui

(57) Abstract :

METHODS FOR PREPARING STATIN COMPOUNDS BY LACTONIZATION ARE DISCLOSED, WHICH COMPRISE THE FOLLOWING STEP: LACTONIZING COMPOUNDS OF FORMULA II INTO COMPOUNDS OF FORMULA I IN THE PRESENCE OF STRONG ACID CATALYST AND DEHYDRATOR IN THE FIRST SOLVENT, WHEREIN Z IS H, AMMONIUM, METAL CATIONS; R1 IS H OR C1-6ALKYL, H OR CH3 IS PREFERED; R2 IS CH3, OH, CH2OH, CH2OC(O)R3, CH2OR3 OR COOR4, CH3 OR OH IS PREFERED; R3 OR R4 IS INDEPENDENTLY SELECTED FROM H OR C1-6ALKYL.

No. of Pages : 21 No. of Claims : 24

(21) Application No.5284/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PPAR-SPARING THIAZOLIDINEDIONES AND COMBINATIONS FOR THE TREATMENT OF DIABETES MELLITUS AND OTHER METABOLIC DISEASES

(51) International classification:A61K31/426,A61K31/4439,A61P3/10(31) Priority Document No :61/286,738(32) Priority Date:15/12/2009(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2010/060453(87) International Filing Date:WO 2011/084456(87) International Filing Date:WA(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA(86) Internation Number Filing Date:NA	 (71)Name of Applicant : 1)METABOLIC SOLUTIONS DEVELOPMENT COMPANY LLC Address of Applicant :161 East Michigan Avenue 4th Floor Kalamazoo MI 49007 U.S.A. (72)Name of Inventor : 1)COLCA Gerard R. 2)KLETZIEN Rolf F. 3)TANIS Steven P. 4)LARSEN Scott D.
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(57) Abstract :

THE PRESENT INVENTION RELATES TO THIAZOLIDINEDIONE ANALOGUES AND PHARMACEUTICAL COMPOSITIONS THAT ARE USEFUL FOR TREATING AND/OR PREVENTING DIABETES MELLITIS OPTIONALLY IN COMBINATION WITH A SECOND TREATMENT. FURTHERMORE THE PRESENT INVENTION ALSO PROVIDES METHODS OF INDUCING REMISSION OF THE SYMPTOMS OF DIABETES MELLITIS IN A PATIENT COMPRISING ADMINISTERING A THIAZOLIDINEDIONE ANALOGUE AND A GLP 1 AGONIST.

No. of Pages : 184 No. of Claims : 168

(21) Application No.7589/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : 2,3 DIHYDRO- 1H - INDEN- 1 - YL -2,7 -DIAZASPIRO [3.5] NONANE DERIVATIVES AND THEIR USE AS ANTAGONISTS OR INVERSE AGONISTS OF THE GHRELIN RECEPTOR

(51) International algoritization	. 1 6 1 17	(71)Nome of Applicant.
(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:61/315,522	1)Pfizer Inc.
(32) Priority Date	:19/03/2010	Address of Applicant :235 East 42nd Street New York 10017
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/IB2011/051035	(72)Name of Inventor :
Filing Date	:11/03/2011	1)BHATTACHARYA Samit Kumar
(87) International Publication No	: NA	2)CAMERON Kimberly OKeefe
(61) Patent of Addition to Application	:NA	3)FERNANDO Dilinie Prasadhini
Number	:NA	4)KUNG Daniel Wei-Shung
Filing Date	INA	5)LONDREGAN Allyn Timothy
(62) Divisional to Application Number	:NA	6)MCCLURE Kim Francis
Filing Date	:NA	7)SIMILA Suvi Tuula Marjukka

(57) Abstract :

THE PRESENT INVENTION PROVIDES A COMPOUND OF FORMULA (I) OR A PHARMACEUTICALLY SALT THEREOF WHEREIN R1, R2, RA, L, Z, Z1 AND Z2 ARE AS DEFINED HEREIN, THAT ACT AS GHRELIN ANTAGONISTS OR INVERSE AGONISTS; PHARMACEUTICAL COMPOSITIONS THEREOF; AND METHODS OF TREATING DISEASES, DISORDERS, OR CONDITIONS MEDIATED BY THE ANTAGONISM OF THE GHRELIN RECEPTOR.

No. of Pages : 190 No. of Claims : 20

(21) Application No.9078/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : NONWOVEN FABRIC

(51) International classification	:D06N1/00	(71)Name of Applicant :
(31) Priority Document No	:2010-078216	1)MITSUI CHEMICALS INC.
(32) Priority Date	:30/03/2010	Address of Applicant :5-2 Higashi-Shimbashi 1-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 105-7117 Japan
(86) International Application No	:PCT/JP2011/055487	(72)Name of Inventor :
Filing Date	:09/03/2011	1)TARO ICHIKAWA
(87) International Publication No	: NA	2)YOSHIHISA KAWAKAMI
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a nonwoven f a b r i c excellent i n t h e b a l a n c e anlong fuzz resistance, softness and t e n s i l e strength. The nonwoven f a b r i c comprises an embossed portion and a non--embossed 5 portion; the embossed portion comprising an emboss p a t t e r n t h a t comprises unltpatterns eachdelimited by emboss lines; the emboss l i n e s each comprising a p l u r a l i t y of enlboss element p a r t s t h a t a r e continuously arranged with a predetermined interval; wheren i n t h e d i r e c t i o n inwhich t h e d i s t a n c e from an arbitrarj.1-defined 10 point in the non-embossed portion within the u n i t p a t t e r n toward the outside of the emboss l i n e s t h a t delimit the non-embossed portion is s h o r t e s t, a t l e a s t one of the p l u r a l i t y of emboss element p a r t s is disposed so as t o blocl c the direc-tion i n which t h e d i s t a n c e from the arbitrarily-defined point towalrd the outside 15 of the emboss l i n e s t h a t delimit the non-embossed portion is shortest.

No. of Pages : 47 No. of Claims : 9

(21) Application No.9079/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : INTEGRATED CIRCUIT

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:2011-034158	1)PANASONIC CORPORATION
(32) Priority Date	:21/02/2011	Address of Applicant :1006 Oaza Kadoma Kadoma-shi
(33) Name of priority country	:Japan	Osaka 5718501 Japan
(86) International Application No	:PCT/JP2011/005976	(72)Name of Inventor :
Filing Date	:26/10/2011	1)TAKASHI MORIMOTO
(87) International Publication No	: NA	2)TAKASHI HASHIMOTO
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THIS INTEGRATED CIRCUIT IS PROVIDED WITH A SUBSTRATE, AN ELECTRODE, TWO DIFFUSION REGIONS, AND A HEATER RESISTOR. THE SUBSTRATE INCLUDES A FIRST SURFACE AND A SECOND SURFACE WHICH ARE SUBSTANTIALLY PARALLEL TO EACH OTHER. THE ELECTRODE IS LAMINATED ON THE FIRST SURFACE OF THE SUBSTRATE. THE DIFFUSION REGIONS ARE FORMED AT THE PERIPHERY OF THE ELECTRODE, AND CONSTITUTE ONE TRANSISTOR WITH THE ELECTRODE. THE HEATER RESISTOR IS DISPOSED IN A REGION POSITIONED ON THE REAR SIDE OF THE ELECTRODE, SAID REGION BEING ON THE SECOND SURFACE OF THE SUBSTRATE. THE HEATER RESISTOR GENERATES HEAT WHEN A CURRENT IS CARRIED THERETO.

No. of Pages : 85 No. of Claims : 24

(21) Application No.9080/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ADSORPTIVE MEMBER AND DEVICE USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:05/04/2011	 (71)Name of Applicant : 1)MITSUBISHI PLASTICS INC. Address of Applicant :1-1 Marunouchi 1-chome Chiyoda-ku Tokyo 1008252 Japan (72)Name of Inventor : 1)DAIKI TABATA
 (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	2)KUMIKO OKAMOTO 3)KOUICHIROU TANIGUCHI 4)SEIICHI KUBOKAWA

(57) Abstract :

The present invention provides an adsorptive member which is used in a heat exchanger such as an adsorptive heat pump or a humidity control apparatus such as a desiccant system and which is excellent in heat resistance and adhesion between adsorptive particles and a base material. The adsorptive member comprising a base material and an adsorptive material layer formed on the base material, wherein the adsorptive material layer comprises adsorptive particles and a binder as essential components, and the binder is an epoxy cured product comprising the following structural units (a) and (b)o (a): a bisphenol type structural unit; and (b): a linear hydrocarbon structural unit having 4 or more carbon atoms, and/or a polyalkylene ether structural unit having 3 or more ether oxygen atoms.

No. of Pages : 62 No. of Claims : 15

(21) Application No.9081/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : BOTTLED CARBONATED BEVERAGE CONTAINING SOYBEAN POWDER OR SOY MILK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:2010-096368 :19/04/2010 :Japan	 (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)HIROSHI KITSUTAKA 2)HISA ODAGIRI 3)MORIHISA AKAISHI
Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

DISCLOSED IS A TECHNIQUE FOR BOTTLING AND COMMERCIALIZINGIN A STATE PROVIDED WITH LONG-TERM STORAGE STABILITYA CARBONATED BEVERAGE CONTAINING SOYBEAN POWDER AND/OR SOY MILK. BY MEANS OF FILLING A BOTTLE, OF WHICH THE TRANSMITTANCE OF LIGHT RAYS HAVING A WAVELENGTH OF 250-650 NM IS NO GREATER THAN 10%, WITH THE CARBONATED BEVERAGE CONTAINING SOYBEAN POWDER AND/OR SOY MILK, IT IS POSSIBLE TO SUPPRESS A DECREASE IN FLAVOR AND SECURE THE LONG-TERM STORAGE STABILITY OF THE CARBONATED BEVERAGE CONTAINING SOYBEAN POWDER AND/OR SOY MILK.

No. of Pages : 22 No. of Claims : 7

(21) Application No.9083/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A POLYURETHANE BALLAST LAYER, THE METHOD FOR PREPARING THE SAME AND THE 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 	:C08F :201010152756.X :21/04/2010 :China :PCT/EP2011/056134 :18/04/2011 : NA	 (71)Name of Applicant : 1)BAYER MATERIALSCIENCE AG Address of Applicant :51368 LEVERKUSEN Germany (72)Name of Inventor : 1)CHENXI ZHANG 2)GANG SUN 3)YI SHEN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)HUI ZHAO

(57) Abstract :

A POLYURETHANE BALLAST LAYER, THE METHOD FOR PREPARING THE SAME AND A RAILWAY COMPRISING THE POLYURETHANE BALLAST LAYER. THE POLYURETHANE BALLAST LAYER COMPRISES A POLYURETHANE -FILLED BALLAST LAYER (20) AND A POLYURETHANE EXTERNAL PROTECTIVE LAYER, WHEREIN THE POLYURETHANE - FILLED BALLAST LAYER COMPRISES BALLASTS AND POLYURETHANE FOAM (30) FILLED IN THE SPACE AMONG THE BALLASTS.

No. of Pages : 31 No. of Claims : 10

(21) Application No.9084/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : INSECTICIDAL AND/OR HERBICIDAL COMPOSITION HAVING IMPROVED ACTIVITY ON THE BASIS OF SPIRO-HETEROCYCLICALLY SUBSTITUTED TETRAMIC ACID DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:18/04/2011	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Str. 10 40789 Monheim Germany (72)Name of Inventor : 1)REINER FISCHER
 (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	2)STEFAN LEHR 3)OLGA MALSAM 4)ROLF PONTZEN 5)ELMAR GATZWEILER 6)RAINER SSSMANN

(57) Abstract :

THE INVENTION RELATES TO AN INCREASE IN THE ACTIVITY OF CROP PROTECTION PRODUCTS, CONTAINING IN PARTICULAR SPIRO-HETEROCYCLICALLY SUBSTITUTED TETRAMIC ACID DERIVATIVES OF FORMULA (I), BY ADDING AMMONIUM SALTS OR PHOSPHONIUM SALTS AND OPTIONALLY PENETRATION PROMOTERS, TO THE CORRESPONDING PRODUCTS, TO METHODS FOR PRODUCING SAME AND TO THE USE THEREOF IN CROP PROTECTION AS INSECTICIDES AND/OR ACARICIDES AND/OR TO PREVENT UNDESIRABLE PLANT GROWTH.

No. of Pages : 49 No. of Claims : 10

(21) Application No.9085/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LATCH INTENDED TO BE MOUNTED ON AN OPENABLE BODY SECTION OF A MOTOR 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 	:15/04/2011 : NA :NA :NA	 (71)Name of Applicant : 1)VALEO SECURITE HABITACLE Address of Applicant :76 rue Auguste Perret Zone Europarc F-94046 Creteil France (72)Name of Inventor : 1)RENAUD JULIEN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE INVENTION RELATES TO A LATCH (1) INTENDED TO BE MOUNTED ON AN OPENABLE BODY SECTION OF A MOTOR VEHICLE, WHICH INCLUDES AT LEAST ONE ABUTMENT (21) ARRANGED ON THE SHROUD OF THE LATCH BODY (3), A CLAMP RING (17), WHICH IN THE ASSEMBLED STATE HOLDS THE LATCH BODY (3) IN POSITION BY ENGAGING WITH SAID AT LEAST ONE ABUTMENT (21) OF THE LATCH BODY (3) AND WITH THE STOP COLLAR (15), AND A WASHER ARRANGED, IN THE ASSEMBLED STATE, BETWEEN THE CLAMP RING (17) AND THE OUTER PANEL (5) COMPRISING A CIRCULAR OPENING AND AT LEAST ONE NOTCH ENGAGING WITH SAID AT LEAST ONE LOCKING LUG (9), INTENDED TO HOLD SAID WASHER ROTATIONALLY FIXED WITH RESPECT TO THE LATCH BODY (3).

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

(21) Application No.6069/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PRODUCING ARYLOXY TITANIUM COMPOSITION AND ARYLOXY TITANIUM 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 	:C07C37/64,B01J31/12,C07C39/235 :2010037925 :23/02/2010 :Japan :PCT/JP2011/054011 :23/02/2011	 (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)MIYAKE Nobuhisa 2)NISHIYAMA Budianto
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

DISCLOSED IS A METHOD FOR PRODUCING AN ARYLOXY TITANIUM COMPOSITION WHICH IS EXTREMELY FAVORABLE AS A CATALYST FOR USE IN THE PRODUCTION OF A DIARYL CARBONATE AND WITH WHICH PROBLEMS SUCH AS OBSTRUCTION OF STORAGE TANKS PIPES PUMPS AND THE LIKE DURING STORAGE OR TRANSFER AND A DECREASE IN CATALYTIC ACTIVITY CAUSED DURING LONG TERM STORAGE CAN BE SOLVED. THE METHOD FOR PRODUCING AN ARYLOXY TITANIUM COMPOSITION COMPRISES A STEP (1) IN WHICH A DIARYL CARBONATE IS ADDED TO AN ORGANOOXY TITANIUM COMPOSITION HAVING AN R O TI BOND (WHEREIN R REPRESENTS AN ORGANIC GROUP CONTAINING 1 TO 20 CARBON ATOMS) COMPONENTS HAVING A BOILING POINT LOWER THAN THE DIARYL CARBONATE ARE DISTILLED OFF ALONG WITH THE DIARYL CARBONATE THEREBY OBTAINING AN ARYLOXY TITANIUM COMPOSITION.

No. of Pages : 252 No. of Claims : 28

(21) Application No.7321/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :22/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LASER ETCHING SYSTEM AND METHOD

(51) International classification	:B23K 26/08	(71)Name of Applicant :
(31) Priority Document No	:61/301406	1)ECHELON LASER SYSTEMS LP
(32) Priority Date	:04/02/2010	Address of Applicant :1955 Powis Road West Chicago Illinois
(33) Name of priority country	:U.S.A.	60185 U.S.A.
(86) International Application No	:PCT/US2011/023711	(72)Name of Inventor :
Filing Date	:04/02/2011	1)COSTIN SR. Darryl J.
(87) International Publication No	:WO 2011/097453	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		· · · · · · · · · · · · · · · · · · ·

(57) Abstract :

A SYSTEM AND METHOD OF LASER ETCHING MATERIALS IS PROVIDED. A SERIES OF OPTICAL ELEMENTS ARE USED TO REDUCE THE SPOT SIZE OF A LASER FOR A GIVEN FIELD SIZE, ALLOWING FINE DETAILED GRAPHICS ASSOCIATED WITH SMALL SPOT SIZES TO BE ETCHED WITH LARGER FIELD SIZES. THIS MAY BE ACCOMPLISHED, FOR EXAMPLE, BY INCREASING THE SIZE OF A LASER BEAM BEYOND ITS NATURAL STATE BEFORE PASSING THE BEAM THROUGH A FOCUSING LENS (34), SUCH EXPANDER LENS (24), FOCUS LENS AND MIRROR SYSTEM (16) INCREASED IN SIZE SO AS TO GENERATE A LASER SPOT SIZE LESS THAN OR EQUAL TO 0.5 MM AT A FIELD SIZE EQUAL TO OR LARGER THAN 1500 MM SQUARE.

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

(21) Application No.7513/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRETREATMENT SOLUTION FOR IMMUNOHISTOCHEMICAL STAINING AND CONDENSED SOLUTION 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 	:C07C :2010-024784 :05/02/2010 :Japan :PCT/JP2011/052228 :03/02/2011 : NA :NA	 (71)Name of Applicant : 1)NICHIREI BIOSCIENCES INC. Address of Applicant :19-20 Tsukiji 6-chome Chuo-ku Tokyo 1048402 Japan (72)Name of Inventor : 1)TOSHIYUKI KASAMATSU
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

DISCLOSED ARE: A PRETREATMENT SOLUTION WHICH CAN BE USED FOR ACHIEVING IMMUNOHISTOCHEMICAL STAINING THAT COMPRISES ELUTING A PARAFFIN-CONTAINING EMBEDDING MEDIUM FROM A GLASS SLIDE THAT CONTAINS A TISSUE SPECIMEN EMBEDDED IN THE EMBEDDING MEDIUM AND ACTIVATING ANTIGENICITY OF THE TISSUE SPECIMEN AND WHICH CAN BE USED THREE TIMES OR MORE; AND A CONDENSED PRETREATMENT SOLUTION FOR IMMUNOHISTOCHEMICAL STAINING, WHICH ENABLES THE PREPARATION OF THE PRETREATMENT SOLUTION IN A SIMPLE MANNER. THE PRETREATMENT SOLUTION FOR IMMUNOHISTOCHEMICAL STAINING COMPRISES AN ANTIGENICITY-ACTIVATING AGENT, A SPECIFIC NONIONIC SURFACTANT, AND A CYCLODEXTRIN OR A DERIVATIVE THEREOF, WITH THE REMAINDER BEING 80 MASS% OR MORE OF WATER. IN THE PRETREATMENT SOLUTION, THE ANTIGENICITY-ACTIVATING AGENT IS CONTAINED IN SUCH AN AMOUNT THAT THE PRETREATMENT SOLUTION CAN HAVE A SPECIFIED PH VALUE, AND THE CYCLODEXTRIN OR THE DERIVATIVE THEREOF IS CONTAINED IN A SPECIFIED AMOUNT.

No. of Pages : 50 No. of Claims : 12

(19) INDIA

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

(21) Application No.9137/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : CARTON FEEDER DEVICE AND METHOD FOR FEEDING A CARTON TO A CONVEYOR TRACK.

(51) International classification	:B31B5/80,B65B43/30	(71)Name of Applicant :
(31) Priority Document No	:10504181	1)NORDEN MACHINERY AB
(32) Priority Date	:27/04/2010	Address of Applicant :Box 845 SE 391 28 Kalmar Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/050497	1)NILSSON Jan
Filing Date	:26/04/2011	2)LUNDGREN Christer
(87) International Publication No	:WO 2011/136725	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Carton feeding device (1) for feeding cartons (2) to a conveyor track (20) comprising a pick up head (8) with a plurality of vacuum cups an erecting finger (12) pivotally suspended at the pick up head where the pick up head has a pick up position (P1) and an insertion position (P2) where the carton is held with an angle a between the holding plane of the pick up head (8) and the bearing surface (13) of the erecting finger (12) wherein the angle a differs from 90 degrees with at least 10 degrees in the insertion position (P2) where the carton is inserted between two parallel teeth (18 19) of the conveyor track and where the distance between the teeth (18 19) is substantially equal to the width of the upper wall (3) of the carton (2). A compact carton feeding device that can insert cartons in a conveyor track where the teeth are parallel is provided. An insertion comprising a plurality of carton feeding devices and a method for feeding a carton to a conveyor are also disclosed.

No. of Pages : 31 No. of Claims : 15

(21) Application No.7632/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRESSURE-SENSITIVE ADHESIVE SHEET

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C :2010-047367 :04/02/2010 :Japan	 (71)Name of Applicant : 1)Lintec Corporation Address of Applicant :23-23 Honcho Itabashi-ku Tokyo 173- 0001 JAPAN
(86) International Application No Filing Date	T	(72)Name of Inventor : 1)MORIOKA Takashi
(87) International Publication No	: NA	2)TAYA Naoki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A PRESSURE-SENSITIVE ADHESIVE SHEET (1) WHICH IS PROVIDED WITH A SUBSTRATE (11) AND A PRESSURE-SENSITIVE ADHESIVE LAYER (12) AND IN WHICH MULTIPLE THROUGH HOLES (2) THAT EXTEND FROM ONE SURFACE OF THE SHEET (1) TO THE OTHER SURFACE THEREOF ARE FORMED, WHEREIN THE SUBSTRATE (11) IS MADE OF A RESIN COMPOSITION THAT COMPRISES 50 TO 88% BY MASS OF (A) A POLYOLEFIN RESIN, 10 TO 48% BY MASS OF (B) A STYRENE RESIN AND/OR AN ACRYLIC RESIN, WITH THE POLYOLEFIN RESIN (A) EXCLUDED, AND 2.0 TO 30% BY MASS OF (C) A PIGMENT. BY MEANS OF THE THROUGH HOLES, THE PRESSURE-SENSITIVE ADHESIVE SHEET (1) CAN PREVENT THE OCCURRENCE OF AIR BUBBLES OR BLISTERS, OR ENABLES THE REMOVAL OF AIR BUBBLES OR BLISTERS. IN THE SHEET (1), ADDITIONALLY, THE INNER DIAMETERS OF THE THROUGH HOLES CAN BE INHIBITED FROM ENLARGING. THEREFORE, THE SHEET (1) EXHIBITS EXCELLENT SURFACE APPEARANCE.

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

(21) Application No.7633/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : FORMULATIONS FOR ORAL DELIVERY OF ADSORBENTS IN THE GUT

	0070	
(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:10305179.3	1)DA VOLTERRA
(32) Priority Date	:23/02/2010	Address of Applicant :172 rue de Charonne F-75011 Paris
(33) Name of priority country	:EPO	FRANCE
(86) International Application No	:PCT/EP2011/052682	(72)Name of Inventor :
Filing Date	:23/02/2011	1)LESCURE Fran§ois
(87) International Publication No	: NA	2)DE GUNZBURG Jean
(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 FORMULATION FOR THE DELAYED AND CONTROLLED DELIVERY OF AN ADSORBENT INTO THE LOWER INTESTINE OF MAMMALS. THE FORMULATION INCLUDES A CARRAGEENAN AND AN ADSORBENT SUCH AS ACTIVATED CHARCOAL. THE INVENTION FURTHER RELATES TO USES OF THIS FORMULATION IN PARTICULAR TO PHARMACEUTICAL USES. IN ONE EMBODIMENT THE FORMULATION IS USED TO ELIMINATE OR REDUCE THE SIDE EFFECTS IN THE INTESTINE IN PARTICULAR IN THE COLON OF PHARMACEUTICAL AGENTS THAT ARE ADMINISTERED AS A TREATMENT FOR A DISORDER BUT THAT HAVE SIDE EFFECTS WHEN THEY REACH THE LATE ILEUM THE CAECUM OR THE COLON.

No. of Pages : 72 No. of Claims : 22

(21) Application No.9123/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CLOSURE CAP FOR A CONTAINER FILLED WITH A MEDICAL FLUID, AND CONTAINER HAVING A CLOSURE CAP

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:10 2010 015 002.9	1)FRESENIUS KABI DEUTSCHLAND GMBH
(32) Priority Date	:14/04/2010	Address of Applicant :Else-Kroner-Strasse 1 61352 Bad
(33) Name of priority country	:Germany	Homburg Germany
(86) International Application No	:PCT/EP2011/055518	(72)Name of Inventor :
Filing Date	:08/04/2011	1)TORSTEN BRANDENBURGER
(87) International Publication No	: NA	2)Christian HECKER
(61) Patent of Addition to Application	:NA	3)Bernd KNIERBEIN
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a closure cap for a container which is filled with a medical fluid and has a mouthpiece sealed by a pierceable membrane. The closure cap according to the invention has a cap-shaped closure body (1) and a drinking stub (4) with an opening (4c) for drinking purposes, said drinking stub being pivotable between a first position, in which the drinking stub bear against the closure body, and a second position, in which the drinking stub protrudes from the closure body, such that, when the drinking stub is pivoted, the membrane of the container is pierced and a connection is produced between the opening in the drinking stub and the container interior. Furthermore, the closure cap has a ventilation stub (11) with an opening (11a) for ventilating the container during drinking. In the case of the closure cap according to the invention, the drinking stub are designed in such a manner that, in the first position, in which the drinking stub bears against the closure body, the drinking stub bears against the closure body, the drinking stub is closed by the ventilation stub, and is opened in the second position, in which the drinking stub protrudes from the closure body. The effect achieved by this is that the closure cap can be simply closed again after use. A further particularly preferred embodiment of the invention makes provision for not only the drinking stub (4) to be closable.

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

(21) Application No.9125/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTI-FRICTION BEARING		
 (54) Title of the invention : ANTI-FRICTIC (51) International classification (31) Priority Document No (32) Priority Date (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 	:B63G :2010-079300 :30/03/2010 :Japan	 (71)Name of Applicant : 1)NTN CORPORATION Address of Applicant :3-17 Kyomachibori 1-chome Nishi-ku Osaka-shi Osaka 550-0003 Japan (72)Name of Inventor : 1)HIDEYUKI TSUTSUI 2)KOUYA OOHIRA 3)NAOKO ITO
Filing Date	:NA	

(57) Abstract :

PROVIDED IS AN ANTI-FRICTION BEARING SUCH THAT THE PEEL RESISTANCE OF DIAMOND-LIKE CARBON FILMS FORMED ON INNER AND OUTER RACEWAYS AND CAGE SLIDING SURFACES OF THE ANTI-FRICTION BEARING IS IMPROVED, THAT AS A RESULT, THE ORIGINAL PROPERTIES OF THE DIAMOND-LIKE CARBON FILMS ARE DISPLAYED, AND THAT THEREBY THE ANTI-FRICTION BEARING EXCELS IN SEIZURE RESISTANCE, WEAR RESISTANCE, AND CORROSION RESISTANCE. THE ANTI-FRICTION BEARING (1) IS EQUIPPED WITH AN INNER RACE (2), AN OUTER RACE (3), A PLURALITY OF ROLLING ELEMENTS (4), AND A CAGE (5). HARD FILMS (8) ARE FORMED ON AN INNER RACEWAY SURFACE (2A), AN OUTER RACEWAY SURFACE (3A), ETC., WHICH ARE CURVED SURFACES. THESE HARD FILMS (8) ARE EACH CONFIGURED IN SUCH A WAY AS TO CONSIST OF A FOUNDATION LAYER WHICH IS MADE PRIMARILY OF CHROMIUM AND IS DIRECTLY FORMED ON THE PERTINENT SURFACE; A MIXED LAYER WHICH IS MADE PRIMARILY OF TUNGSTEN CARBON AND DIAMOND-LIKE CARBON AND IS FORMED ON THE FOUNDATION LAYER; AND A SURFACE LAYER WHICH IS MADE PRIMARILY OF DIAMOND-LIKE CARBON AND IS FORMED ON THE MIXED LAYER. THE MIXED LAYER IS SUCH THAT THE CONTENT RATIO OF TUNGSTEN CARBON DECREASES CONTINUOUSLY OR IN STAGES FROM THE FOUNDATION LAYER SIDE TO THE SURFACE LAYER SIDE. AND THAT THE CONTENT RATIO OF DIAMOND-LIKE CARBON INCREASES CONTINUOUSLY OR IN STAGES FROM THE FOUNDATION LAYER SIDE TO THE SURFACE LAYER SIDE.

No. of Pages : 110 No. of Claims : 22

(21) Application No.7603/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MEDICAL DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61F 5/445 :2010900379 :01/02/2010 :Australia	 (71)Name of Applicant : 1)SABETI Saied Address of Applicant :16 Madrid Terrace Hocking Western Australia 6065 Australia
(86) International Application No Filing Date	:PCT/AU2011/000094 :01/02/2011	(72)Name of Inventor : 1)SABETI Saied
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

AN OSTOMY DEVICE (1) HAS AN IMPLANT (10) ARRANGED, IN USE, TO BE LOCATED INSIDE THE BODY OF PERSON NEAR THE SITE OF A STOMA (S). A DISCHARGE DEVICE (20) IS ARRANGED, IN USE, TO PROVIDE MEANS FOR INTESTINAL WASTE TO EXIT TO THE EXTERIOR OF THE BODY OF THE PERSON. IN ADDITION, THERE IS MEANS, IN USE, TO BE OPERATIVELY ASSOCIATED WITH THE IMPLANT (10) AND REMOVABLY LOCATE THE DISCHARGE DEVICE (20) AT THE SITE OF THE STOMA (S). THE DISCHARGE DEVICE (20) IS RETAINED AT THE SITE OF THE STOMA (S) BY MAGNETIC ATTRACTION BETWEEN THE IMPLANT (10) AND THE DISCHARGE DEVICE (20).

No. of Pages : 39 No. of Claims : 49

(21) Application No.7814/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : FE(III) COMPLEX COMPOUNDS FOR THE TREATMENT AND PROPHYLAXIS OF IRON DEFICIENCY SYMPTOMS AND IRON DEFICIENCY ANEMIAS

		(71)Name of Applicant :
		1)Vifor (International) AG
		Address of Applicant :Rechenstrae 37 CH-9001 St. Gallen
		Switzerland
(51) International classification	:A61K	(72)Name of Inventor :
(31) Priority Document No	:10157387.1	1)BARK Thomas
(32) Priority Date	:23/03/2010	2)BUHR Wilm
(33) Name of priority country	:EPO	3)BURCKHARDT Susanna
(86) International Application No	:PCT/EP2011/054315	4)BURGERT Michael
Filing Date	:22/03/2011	5)CANCLINI Camillo
(87) International Publication No	: NA	6)DRRENBERGER Franz
(61) Patent of Addition to Application	:NA	7)FUNK Felix
Number	:NA	8)GEISSER Peter
Filing Date	.1111	9)KALOGERAKIS Aris
(62) Divisional to Application Number	:NA	10)MAYER Simona
Filing Date	:NA	11)PHILIPP Erik
		12)REIM Stefan
		13)SIEBER Diana
		14)SCHMITT Jrg
		15)SCHWARZ Katrin

(57) Abstract :

THE INVENTION RELATES TO IRON(III) COMPLEX COMPOUNDS AND PHARMACEUTICAL COMPOUNDS COMPRISING SAME FOR USE AS MEDICAMENTS, IN PARTICULAR FOR THE TREATMENT AND/OR FOR THE PROPHYLAXIS OF IRON DEFICIENCY SYMPTOMS AND IRON DEFICIENCY ANEMIAS.

No. of Pages : 201 No. of Claims : 21

(21) Application No.9012/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : O/W EMULSION COMPOSITION (51) International classification :A61K8/35,A61K8/06,A61K8/37 (71)Name of Applicant : (31) Priority Document No :2010078039 1)SHISEIDO COMPANY LTD. (32) Priority Date :30/03/2010 Address of Applicant :5 5 Ginza 7 chome Chuo ku Tokyo (33) Name of priority country :Japan 1048010 Japan (86) International Application (72)Name of Inventor : :PCT/JP2011/050860 1)TAKAKURA Tomiko No :19/01/2011 2)KUROSAWA Takafumi Filing Date (87) International Publication No:WO 2011/122072 3)YAJIMA Isao (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Disclosed is an O/W emulsion composition which has excellent ultraviolet blocking ability formulation stability and feeling of use. The O/W emulsion composition is characterized by containing the component (a) and the component (b) described below and is also characterized in that emulsion particles that contain the component (a) have an average particle diameter of 800 nm or less. (a) an organic ultraviolet absorbent which contains the following (a1) (a2) and (a3) (a1) octocrylene (a2) ethylhexyl methoxycinnamate (a3) 4 t butyl 4 methoxydibenzoylmethane (b) a polyoxyethylene polyoxyalkylene alkyl ether block polymer represented by general formula (1) or (2) RO (PO)m (EO)n H (1) (In general formula (1) R represents a hydrocarbon group having 16 18 carbon atoms; PO represents an oxypropylene group; EO represents an oxyethylene group; PO and EO are added in blocks; and m and n respectively represent an average mole number of added PO and an average mole number of added EO and satisfy $4 = m < 70 \ 10 = n < 70$ and m < n.) RO (AO)p (EO)q R (2) (In general formula (2) R and R may be the same or different and each represents a hydrocarbon group having 1 4 carbon atoms; AO represents an oxyalkylene group having 3 or 4 carbon atoms; EO represents an oxyethylene group; AO and EO are added in blocks; and p and q respectively represent an average mole number of added AO and an average mole number of added EO and satisfy 1 = p = 70 1 = q = 70 and 0.5 < (q/(p + q)) < 0.8.)

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

(21) Application No.9143/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : MIXED LIQUOR FILTERABILITY TREATMENT IN A MEMBRANE BIOREACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:05/05/2010	 (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)CHANG Sheng 2)WANG Sijing 3)GINZBURG Boris Fernandes 4)FAN Fengshen
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(57) Abstract :

A membrane bioreactor (MB R) (10) uses a process and apparatus for dosing flux enhancing chemicals (FEC) to respond to temporary periods of operation that cause or are likely to cause membrane fouling. An FEC dosing device (32) is provided in communication with a channel (20) separating a process tank (12) and the membrane filtration system (14) of an MBR. A mixer (36) in the channel (20) rapidly mixes dosed FEC with mixed liquor (18) flowing into the membrane tank. The dosing device (32) is connected to sensors (40 42) sensing conditions in the channel or the membrane filtration system (14) or both. FEC is added to the mixed liquor (18) flowing into the membrane filtration system (14) or both. FEC is added to the mixed liquor (18) flowing into the membrane operating parameters or both. The FEC dosage may be in the range of 0.05 to 10 mg/g MLSS. The process may include steps of initiating dosing adjusting the dosing concentration and terminating dosing.

No. of Pages : 16 No. of Claims : 9

(21) Application No.8999/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : C/C COMPOSITE MATERIAL AND METHOD OF MANUFACTURING THE SAME

(31) Priority Document No:2010-0728491)TOYO TANSO CO. LTD.(32) Priority Date:26/03/2010Address of Applicant :7-12 Takeshima 5-chorr(33) Name of priority country:JapanNishiyodogawa-ku Osaka-shi Osaka 5550011 Jap(86) International Application No:PCT/JP2011/057309(72)Name of Inventor :Filing Date:25/03/20111)MACHINO Hiroshi(87) International Publication No: NA2)HIRAOKA Toshiharu(61) Patent of Addition to Application:NA3)TOMITA YujiNumber:NA4)FUJIOKA Yuji	
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

DISCLOSED IS A CARBON/CARBON COMPOSITE MATERIAL WITH IMPROVED FLEXURAL STRENGTH AND INTERLAMINAR SHEAR STRENGTH, AND IMPROVED HEAT CONDUCTIVITY IN THE DIRECTION OF LAMINATION AT NORMAL TEMPERATURE, AND A METHOD OF MANUFACTURE FOR SAME. THE CARBON/CARBON COMPOSITE MATERIAL COMPRISES: A LAMINATED BODY WITH TWO OR MORE LAYERED BODIES (1) COMPRISING LAYERS OF UNIDIRECTIONAL CARBON FIBRE CLOTH (11, 12) AND FELT (10); AND A MATRIX COMPONENT COMPRISING GAS-PHASE PYROLYTIC CARBON INSIDE THE LAMINATED BODY. THE DIRECTION OF EXTENSION OF THE CARBON FIBRES OF THE UNIDIRECTIONAL CARBON FIBRE CLOTH (11) AND THE DIRECTION OF EXTENSION OF THE CARBON FIBRES OF THE UNIDIRECTIONAL CARBON FIBRE CLOTH (12) ARE DISPOSED SO AS TO FORM A RIGHT ANGLE, AND A NEEDLE PUNCH IS USED TO ARRANGE THE CARBON FIBRES OF THE FELT (10) IN THE DIRECTION OF LAMINATION OF THE LAMINATED BODY.

No. of Pages : 33 No. of Claims : 10

(19) INDIA

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

(21) Application No.9133/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A NIGHT VISION DEVICE		
(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B23/12 :2010/03109 :20/04/2010 :Turkey	 (71)Name of Applicant : 1)ASELSAN ELEKTRONIK SANAYI VE TICARET ANONIM SIRKETI Address of Applicant :Mehmet Akif Ersoy Mahallesi 16.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2011/051731 :20/04/2011 :WO 2011/132163	Cadde No:16 Macunkoy Ankara Turkey (72)Name of Inventor : 1)OZSOY Ihsan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)ANIL Devrim 3)GENCOGLU Selim
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a night vision device (1) which enables the user to see under conditions where there is low light by intensifying the light in the environment is portable and easy to use. The inventive device (1) can be mounted to head helmet or weapon; it is also hand held. The inventive night vision device (1) comprises an objective assembly (2) which focus the light in the environment; an intensifier tube (3) which enables the user to see the environment by intensifying the light that is focused by the objective assembly (2); a lower body (4) which prevents the intensifier tube (3) from external factors by surrounding it; an upper body (5) which is fixed to the lower body (4); an ocular assembly (6) which focuses the light that is provided from the intensifier tube (3) to the user's eye; an eyecup (8) which enables the light that is provided from the ocular assembly (6) by surrounding the user's eye to reach the user; and an electronic card (13).

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

(21) Application No.9134/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROL CIRCUITRY AND METHOD FOR CONTROLLING A BI DIRECTIONAL SWITCH SYSTEM A BI DIRECTIONAL SWITCH A SWITCHING MATRIX AND A MEDICAL STIMULATOR

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H03K17/06,H03K17/66,H03K17/687 :10159612.0 :12/04/2010	 (71)Name of Applicant : 1)SAPIENS STEERING BRAIN STIMULATION B.V. Address of Applicant :High Tech Campus 41 NL 5656 AE Eindhoven Netherlands
(33) Name of priority country	:EPO	(72)Name of Inventor : 1)BLANKEN Pieter Gerrit
(86) International Application No Filing Date	:PCT/IB2011/051456 :05/04/2011	2)TOL Jeroen Jacob Arnold 3)SCHOOFS Franciscus Adrianus Cornelis Maria 4)VAN GOOR Dave Willem
(87) International Publication No	:WO 2011/128809	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A control circuitry (134) and a method for controlling a bi directional switch (132) is provided. The bi directional switch (132) having a control terminal (130) for receiving a control voltage (124) to control an on state and an off state of the bi directional switch (132) and at least one semiconductor switch in a bi directional main current path. The control circuitry (134) comprises an energy storage element (102) a coupling means (101) to couple the energy storage element (102) to a supply voltage to charge the energy storage element (102) and a control circuit (108) configured to receive power from the energy storage element (102) and configured to supply the control voltage having a voltage level being independent of the supply voltage when the energy storage element (102) is not coupled to the supply voltage. The coupling means (101) is configured for only coupling the energy storage element (102) to the supply voltage when the bi directional switch (132) is in the off state.

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

(19) INDIA

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

(21) Application No.9135/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSPARENT POLYIMIDE POLYESTER COMPOSITIONS METHOD 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 	:12/815754 :15/06/2010 :U.S.A. :PCT/US2011/040569 :15/06/2011 :WO 2011/159827 :NA :NA	 (71)Name of Applicant : 1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant :Plasticslaan 1 NL 4612 PX Bergen op Zoom Netherlands (72)Name of Inventor : 1)GALLUCCI Robert R. 2)SANNER Mark A.
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

A thermoplastic polymer composition comprises a combination of: 40 to 60 pbw of a polyetherimides polyetherimide sulfones or combination thereof having a weight average molecular weight from 5 000 to 80 000 Daltons; 40 to 60 pbw of a polyethylene terephthalate the polyethylene terephthalate having a diethylene glycol content from 0.1 to 4 wt% based on the weight of the polyethylene terephthalate an intrinsic viscosity that is more than 0 and less than 0.83 dl/g and carboxylic acid end groups in an amount from 10 to 150 meq/Kg; from 0 pbw to 1 pbw based on 100 pbw of the polymer composition of a stabilizer selected from phenol containing stabilizers phosphorus containing stabilizers or a combination thereof; and based on the weight of the polyethylene terephthalate 10 to 300 antimony; 0 to 300 ppm of cobalt; and 0 to 300 ppm of titanium; wherein the polymer composition is bisphenol A free.

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

(21) Application No.9001/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRESSURE/F	FLOW REGULATOR	
 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B23B :10 2010 015 186.6 :16/04/2010 :Germany	 (71)Name of Applicant : 1)ROBERT BOSCH GmbH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)SPIELVOGEL Christian 2)NORDT Friedemann 3)DIEBOLD Carola

(57) Abstract :

THE INVENTION RELATES TO A PRESSURE/FLOW REGULATOR (3), COMPRISING A PRESSURE CONTROL VALVE (17), A FLOW CONTROL VALVE (19), AND A FIRST CONTROL CONNECTION (A) FOR SETTING A VARIABLE DISPLACEMENT PUMP (5), WHEREIN THE CONTROL CONNECTION CAN BE DISCHARGED TO A TANK (T) BY THE FLOW CONTROL VALVE BY MEANS OF A CONTROL EDGE OF THE PRESSURE CONTROL VALVE THAT IS OPEN IN THE IDLE POSITION OF A VALVE PISTON OF THE PRESSURE CONTROL VALVE

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

(21) Application No.9002/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONNECTION PLATE FOR A HYDROSTATIC PISTON 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 	:F17B :10 2010 015 187.4 :16/04/2010 :Germany :PCT/DE2011/000255 :12/03/2011 : NA	 (71)Name of Applicant : 1)ROBERT BOSCH GmbH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)SPIELVOGEL Christian
 (61) Patent of Addition to Application Number (61) Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

THE INVENTION RELATES TO A CONNECTION PLATE FOR A HYDROSTATIC PISTON MACHINE, COMPRISING TWO CONNECTION OPENINGS ON OPPOSITE LATERAL SURFACES OF THE CONNECTION PLATE. THE CONNECTION OPENINGS ARE ARRANGED AT AN OFFSET FROM A MAIN AXIS OF THE CONNECTION PLATE ON A COMMON SIDE. TWO SLOTTED RECESSES ARE FORMED FROM AN INNER FACE OF THE CONNECTION PLATE. THE SLOTTED RECESSES ARE EACH CONNECTED IN THE AREA OF THE FIRST END SECTION OF THE SLOTTED RECESSES TO ONE OF THE CONNECTION OPENINGS IN ORDER TO CONNECT THE PISTON MACHINE TO A HYDRAULIC CIRCUIT. A VALVE CARTRIDGE IS INSERTED IN AN INSTALLATION BORE OF THE CONNECTION PLATE. SAID INSTALLATION BORE IS FORMED OPPOSITE THE PLATE AXIS IN THE CONNECTION PLATE WITH RESPECT TO THE CONNECTION OPENINGS AND EXTENDS APPROXIMATELY PARALLEL TO AXES OF THE CONNECTION OPENINGS. THE VALVE CARTRIDGE IS HYDRAULICALLY CONNECTED TO ONE OF THE SLOTS.

No. of Pages : 23 No. of Claims : 13

(21) Application No.9150/DELNP/2012 A

(19) INDIA

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

(54) Title of the invention : DENTAL COMPOSITION

(43) Publication Date : 27/06/2014

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:FR1052631	1)SEPTODONT OU SEPTODONT SAS OU SPECIALITES
(32) Priority Date	:07/04/2010	SEPTODONT
(33) Name of priority country	:France	Address of Applicant :58 rue du Pont de Crteil F-94100 Saint
(86) International Application No	:PCT/FR2011/050764	Maur des Fosss FRANCE
Filing Date	:05/04/2011	(72)Name of Inventor :
(87) International Publication No	: NA	1)RICHARD Gilles
(61) Patent of Addition to Application	. NT A	2)MARIE Olivier
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
T ming Date	.1 17 1	

(57) Abstract :

ONE SUBJECT OF THE INVENTION IS A COMPOSITION COMPRISING FROM 5 TO 65%, BY WEIGHT RELATIVE TO THE TOTAL WEIGHT OF THE COMPOSITION, OF CALCIUM SILICATE CRYSTALS; FROM 1 TO 20%, BY WEIGHT RELATIVE TO THE TOTAL WEIGHT OF THE COMPOSITION, OF CALCIUM CARBONATE CRYSTALS; IN ADDITION FROM 0 TO 50%, PREFERABLY FROM 1 TO 40%, BY WEIGHT RELATIVE TO THE TOTAL WEIGHT OF THE COMPOSITION, OF A COMPOUND OF GENERAL FORMULA MCAO·NSIO2·PH2O IN WHICH M AND N, EACH INDEPENDENTLY, VARY FROM 1 TO 3 AND P VARIES FROM 3 TO 6; THE RATIO BETWEEN THE PARTICLE SIZE D50 OF THE CALCIUM SILICATE CRYSTALS AND THE PARTICLE SIZE D50 OF THE CALCIUM CARBONATE CRYSTALS BEING LESS THAN 10; ANOTHER SUBJECT OF THE INVENTION IS A PROCESS FOR PREPARING SAID COMPOSITION, AND ALSO THE USE OF SAID COMPOSITION IN THE DENTAL FIELD.

No. of Pages : 19 No. of Claims : 13

(21) Application No.9151/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND APPARATUS FOR EXTRACTING PRECIOUS METAL FROM AN INORGANIC GRANULAR WASTE CATALYST

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JIN In-Soo
(32) Priority Date	:NA	Address of Applicant :202-9 Cheongyong-ri Samseong-
(33) Name of priority country	:NA	myeon Eumseong-gun Chungcheongbuk-do 369-834 Republic of
(86) International Application No	:PCT/KR2010/003174	Korea
Filing Date	:20/05/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)TYCHININ Vladimir
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

IN THE CIRCULATION OF ELECTROLYTE IN A VERTICAL-CYLINDER-TYPE ELECTROLYZER HAVING A THREE-DIMENSIONAL FILLING CATHODE MADE OF ACTIVE CARBON GRANULES AND A FIXED GRANULAR CATALYST LAYER, THE LEACHING AND PRECIPITATION OF A PRECIOUS METAL OCCUR IN THE SAME PHASE. SINCE ELECTROCHEMICAL LEACHING AND SORPTION TAKE PLACE SIMULTANEOUSLY, ELECTRIC ENERGY MAY BE SAVED, AND THE USE OF EQUIPMENT MAY BE FACILITATED. AN APPARATUS FOR EXTRACTING A PRECIOUS METAL FROM AN INORGANIC GRANULAR WASTE CATALYST OF THE PRESENT INVENTION INCLUDES A VERTICAL ELECTROLYZER, A CONDUIT LINE, AN ELECTROLYTE CIRCULATION PUMP, A DEVICE AUTOMATICALLY MAINTAINING THE ACIDITY REQUIRED FOR THE CIRCULATION OF ELECTROLYTE, A FILTER FILTERING OUT ACTIVE CARBON PARTICLES FROM THE ELECTROLYTE, A CONTROL VALVE, AND A STOP VALVE. THE ELECTROLYZER INCLUDES A HEAT EXCHANGER HEATING THE CIRCULATING ELECTROLYTE, AN INFUSIBLE ANODE, AND A THREE-DIMENSIONAL FILLING CATHODE MADE OF ACTIVE CARBON GRANULES

No. of Pages : 22 No. of Claims : 15

(21) Application No.8926/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COSMETIC AND PHARMACEUTICAL COMPOSITION COMPRISING N-ACETYLGLUCOSAMINE-6-PHOSPHATE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:1052536	1)LIBRAGEN
(32) Priority Date	:02/04/2010	Address of Applicant :3 rue des Satellites Bat. Canal Biotech
(33) Name of priority country	:France	31000 TOULOUSE France.
(86) International Application No	:PCT/FR2011/050732	(72)Name of Inventor :
Filing Date	:01/04/2011	1)AURIOL Daniel
(87) International Publication No	: NA	2)LEFEVRE Fabrice
(61) Patent of Addition to Application	:NA	3)NALIN Renaud
Number		4)REDZINIAK Gerard
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE PRESENT INVENTION RELATES TO A COSMETIC OR PHARMACEUTICAL COMPOSITION COMPRISING N-ACETYLGLUCOSAMINE-6-PHOSPHATE OR A SALT THEREOF AND, OPTIONALLY, A COMPOUND OF THE VITAMIN A FAMILY, AND ALSO TO A DEVICE CONTAINING SAME. THE COMPOSITION CAN BE USED TO TREAT DRY SKIN, SKIN AGING AND WRINKLES, TO IMPROVE ELASTICITY AND TO TIGHTEN THE SKIN, TO ENHANCE THE SYNTHESIS OF STRUCTURAL MACROMOLECULES, E.G. HYALURONAN AND COLLAGEN, TO TREAT PSORIASIS, ATOPIC DERMATITIS OR ECZEMA OR FOR TREATMENTS ASSOCIATED WITH SURGERY.

No. of Pages : 45 No. of Claims : 10

(21) Application No.8927/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : OIL OR FAT COMPOSITION FOR PREVENTION OR 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 	:22/03/2011 : NA :NA	 (71)Name of Applicant : 1)THE NISSHIN OILLIO GROUP LTD. Address of Applicant :23-1 Shinkawa 1-chome Chuo-ku Tokyo 1048285 JAPAN (72)Name of Inventor : 1)AOYAMA Toshiaki 2)TERADA Shin 3)YAMAMOTO Sayuri
	:NA :NA	3)YAMAMOTO Sayuri
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is an oil and fat composition that is highly safe and is effective for the prevention or treatment of diabetes without concern over side effects even when ingested on a continuous basis. The oil and fat composition for the prevention or treatment of diabetes comprises triacylglycerol as an active ingredient and this triacylglycerol has one or two medium-chain fatty acid residues per molecule and comprises as the structural fatty acids a C6-10 medium-chain fatty acid and a C16-24 long-chain fatty acid.

No. of Pages : 40 No. of Claims : 4

(21) Application No.8928/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HERBICIDE-1	OLERANT 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 	:c12n :61/314,901 :17/03/2010 :U.S.A. :PCT/IB2011/000704 :17/03/2011 : NA	 (71)Name of Applicant : 1)BASF AGROCHEMICAL PRODUCTS B.V. Address of Applicant :Gebouw Rijnpoort Groningensingel 1 NL-6835 EA Arnhem Netherlands (72)Name of Inventor : 1)VANTIEGHEM Herve 2)PFENNING Matthias
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)BREMER Hagen 4)KEHLER Ron 5)SCHOENHAMMER Alfons

(57) Abstract :

The present invention provides herbicide-tolerant winter-type Brassica plants. The present invention also provides methods for controlling the growth of weeds by applying an herbicide to which herbicide-tolerant plants of the invention are tolerant. Plants of the invention express an AHAS enzyme that is tolerant to the action of one or more AHAS enzyme inhibitors.

No. of Pages : 75 No. of Claims : 45

(21) Application No.8929/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HIGH-PRES	SURE PUMP	
 (51) International classification (31) Priority Document No (32) Priority Date (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 	:F02M 59/10 :102010027792.4 :15/04/2010 :Germany :PCT/EP2011/053108 :02/03/2011 : NA :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)BOECKING Friedrich 2)GENTE Arnold 3)GREINER Matthias

(57) Abstract :

The invention relates to a high-pressure pump (1), which is used in particular as a radial or in-line piston pump for fuel injection systems of air-compressing, auto-igniting internal combustion engines, comprising a pump assembly (5) and a drive shaft (6), which comprises a cam (7) associated with the pump assembly (15). The pump assembly (15) has a roller shoe (30) and a roller (31) mounted in the roller shoe (30). The roller (31) rolls on a running face (34) of the cam (7). To this end, the cam (7) has eased areas (40, 41) on the running face (34) thereof. The eased areas (40, 41) ensure advantageous guidance of the roller (31) on the running face (34). The eased areas (40, 41) are needed in order to avoid edge loading. The fact that the eased areas are located on the camshaft and not on the roller (31) means that the hydrodynamics between the roller (31) and the roller shoe (30) can be perfected.

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

(21) Application No.9161/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR CONTROLLING THE OPERATION OF A MEANS OF MECHANICALLY COUPLING THE FIRST AND SECOND AXLES OF A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:1052646 :08/04/2011 :France :PCT/FR2011/050792	 (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 :
Filing Date (87) International Publication No	:07/04/2011 : NA	1)STEPHANE GUEGAN 2)PHILIPPE SAINT LOUP
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ALESSANDRO MONTI 4)NICOLAS ROMANI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

METHOD FOR CONTROLLING THE OPERATION OF A MEANS (11) OF MECHANICALLY COUPLING THE FIRST (17) AND SECOND (19) AXLES OF A TRANSMISSION SYSTEM (18) OF A MOTOR VEHICLE (10), THE FIRST AXLE BEING DRIVEN AS STANDARD AND THE SECOND AXLE BEING DRIVEN AS AN OPTION DEPENDING ON THE STATUS OF THE COUPLING MEANS, THE TRANSMISSION SYSTEM BEING CAPABLE OF OPERATING IN A FIRST MODE (4WD LOCK) IN WHICH THE VALUE OF THE TRANSMITTABLE TORQUE (CLOCK) THAT CAN BE TRANSMITTED BY THE MECHANICAL COUPLING MEANS IS FIXED, OR IN A SECOND MODE (4WD SUPER LOCK) IN WHICH THE VALUE OF THE TRANSMITTABLE TORQUE THAT CAN BE TRANSMITTED BY THE MECHANICAL COUPLING MEANS IS HIGHER THAN THE VALUE OF THE TRANSMITTABLE TORQUE (CLOCK) FOR THE FIRST MODE.

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

(21) Application No.7598/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD OF PRODUCING SUGARS USING A COMBINATION OF ACIDS TO SELECTIVELY HYDROLYZE HEMICELLULOSIC AND CELLULOSIC MATERIALS

(57) Abstract :

A METHOD IS PROVIDED FOR PRODUCING SUGARS USING A COMBINATION OF ACIDS TO HYDROLYZE HEMICELLULOSIC AND CELLULOSIC MATERIALS IN BIOMASS SAID COMBINATION OF ACIDS NAMELY COMPRISING A FIRST WEAK ORGANIC ACID (SUCH AS ACETIC ACID OR FORMIC ACID) FOR PROVIDING A PENTOSE PRODUCT OR STREAM FROM HYDROLYZING HEMICELLULOSIC MATERIALS IN THE BIOMASS ON A BATCHWISE SEMI-CONTINUOUS OR CONTINUOUS BASIS AND A SECOND STRONG MINERAL ACID (SUCH AS SULFURIC ACID) FOR PROVIDING A HEXOSE PRODUCT OR STREAM FROM HYDROLYZING CELLULOSIC MATERIALS IN THE BIOMASS.

No. of Pages : 29 No. of Claims : 32

(21) Application No.7714/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : RIFAXIMIN POWDER PROCESS FOR PREPARING THE SAME AND CONTROLLED RELEASE COMPOSITIONS CONTAINING SAID RIFAXIMIN USEFUL FOR OBTAINING A LONG-LASTING EFFECT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K :MI2010A000370 :05/03/2010 :Italy	 (71)Name of Applicant : 1)ALFA WASSERMANN S.P.A. Address of Applicant :1 Via Enrico Fermi I-65020 Alanno (Pescara) ITALY
(86) International Application No		(72)Name of Inventor :
Filing Date (87) International Publication No	:04/03/2011 : NA	1)VISCOMI Giuseppe Claudio 2)MAFFEI Paola
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)LAURO Vittoria 4)BARBANTI Miriam 5)CONFORTINI Donatella
(62) Divisional to Application Number Filing Date	:NA :NA	6)BRAGA Dario

(57) Abstract :

THE PRESENT INVENTION DESCRIBES RIFAXIMIN POWDER AND TO A PROCESS FOR PREPARING THE SAME. THE INVENTION RELATES ALSO TO A PHARMACEUTICAL COMPOSITION IN SOLID FORM COMPRISING SAID RIFAXIMIN, PHARMACEUTICALLY ACCEPTABLE EXCIPIENTS AND OPTIONALLY OTHER INGREDIENTS. THE COMPOSITIONS ACCORDING TO THE INVENTION ARE SUITABLE FOR ORAL ADMINISTRATION AND ARE CHARACTERIZED BY PRODUCING A CONTROLLED RELEASE OF RIFAXIMIN, WHEREBY A LONG-LASTING EFFECT IS OBTAINED IN A PATIENT.

No. of Pages : 64 No. of Claims : 12

(21) Application No.8877/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AIR INTAKE SYSTEM ARRANGEMENT STRUCTURE FOR SADDLE RIDING TYPE VEHICLE

(51) International classification	:B62M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:NA	Address of Applicant :1-1 Minami-Aoyama 2-chome Minato-
(33) Name of priority country	:NA	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2010/002079	(72)Name of Inventor :
Filing Date	:24/03/2010	1)MASASHI KANEZUKA
(87) International Publication No	: NA	2)TAKAO KUDO
(61) Patent of Addition to Application	:NA	3)AKIRA KONNO
Number	:NA	4)MAKOTO OGASAWARA
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an air intake system arrangement structure for a saddle riding type vehicle, front forks are arranged below a head pipe, and a connecting tube that extends from an air cleaner arranged in front of the head pipe passes laterally to the head pipe and passes above the front forks.

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

(21) Application No.8979/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PRODUCING A COLOR- AND/OR EFFECT-PRODUCING MULTILAYER COATING IN WHICH THE COLOR-FORMING COATING COMPOUND CONTAINS A SUBSTITUTED CYCLOHEXANOL IN ORDER TO REDUCE THE NUMBER OF PINHOLES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:co9d :10 2010 026 407.5 :07/07/2010 :Germany :PCT/EP2011/059450 :08/06/2011 : NA :NA	 (71)Name of Applicant : 1)BASF COATINGS GMBH Address of Applicant :Glasuritstrasse 1 48165 Munster Germany (72)Name of Inventor : 1)BERNHARD STEINMETZ
Filing Date	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a color- and/or effect-producing multilayer coating, wherein (1) a pigmented aqueous base coating is applied onto a substrate, (2) a polymer film is formed from the coating that is applied in step (1), (3) a clear coating is applied onto the base coating layer that is thus obtained, and then (4) the base coating layer is cured together with the clear coating layer. The method according to the invention is characterized in that a pigmented aqueous base coating is used in step (1), said base coating containing at least one cyclohexanol that is substituted in the 2- and 5-position and/or at least one cyclohexanol that is substituted cyclohexanol. The substituents are optionally branched alkyl groups with 1 to 5 C atoms and can consist of a bridged isopropylene group in the case of a substitution in the 2- and 5-position. The substituted cyclohexanol or the mixture of substituted cyclohexanols is present in a quantity of 0.1 to 5 wt.% with respect to the weight of the aqueous base coating that is applied in step (1).

No. of Pages : 23 No. of Claims : 10

(21) Application No.9104/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR SYNCHRONIZING CLOCKS AND CLOCK SYNCHRONIZATION DEVICE

201010159330.7 26/04/2010 China PCT/CN2011/073194 22/04/2011 NA 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)SONG Xueyan
NA NA	
	201010159330.7 26/04/2010 China PCT/CN2011/073194 22/04/2011 NA NA NA NA

(57) Abstract :

The disclosure provides a method for synchronizing clocks and a clock synchronization device. The method includes detecting states of all Precision Time Protocol (PTP) ports of an apparatus to be synchronized, and determining accordingly the role of each PTP port. When there is a slave port in the PTP ports, performing only PTP clock synchronization with other apparatuses by the apparatus to be synchronized. The clock synchronization device comprises a Global Position System (GPS) module and a PTP module, and a conflict detection module connected with the PTP module and the GPS module. The conflict detection module is configured to detect the port role of all PTP ports of an apparatus when a PTP message and a GPS message are received/transmitted by the apparatus synchronously and to notify the PTP module to perform PTP clock synchronization with other apparatuses when there is a slave port. By setting a conflict detection mechanism, the disclosure solves the problem of time synchronization processing when the GPS protocol message and the PTP protocol message simultaneously exist on the apparatus, and enables the time synchronization of the entire network.

No. of Pages : 14 No. of Claims : 8

(21) Application No.9106/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : TACTILE COMMUNICATION DEVICE FOR THE NECK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:25/03/2011	 (71)Name of Applicant : 1)Reza TAGHAVI Address of Applicant :401 The Empire Building 360 North Robert Street Saint Paul MN 55101 US U.S.A. (72)Name of Inventor : 1)Reza TAGHAVI
 (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 :

A device 10 comprised of a plurality of evenly spaced tactile actuators 11 arranged in the form of a generally C-shaped structure and worn snug around the neck 20 by a subject 30 to apply tactile stimuli to the subjectTMs neck skin. An electronic controller operated by a computer program controls the actuators 11 of the device 10 based on signals received from an external source. The device impresses sequences of tactile stimuli around the subjectTMs neck to provide intelligible information cues and warnings or certain game-related sensations.

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.786/DEL/2009 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : COULOMETRIC ANALYTE SENSING INSTRUMENT WITH AN ANALYTE-CONSUMING SENSOR IN A CLOSED CELL

(51) International classification	:G01N27/404	(71)Name of Applicant :
(31) Priority Document No	:12/114,471	1)MOCON, INC.
(32) Priority Date	:02/05/2008	Address of Applicant :7500 BOONE AVENUE NORTH,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55428, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAYER, DANIEL W.
(87) International Publication No	:NA	2)TUOMELA, STEPHEN D.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for measuring the transmission rate of an analyte through a film. The method includes the steps of (i) separating a chamber into a first cell and a second cell with a known area of a film, (ii) flushing the first cell with an inert gas to remove any target analyte from the first cell, (iii) introducing a gas containing a known concentration of an analyte into the second cell, (iv) scaling the first cell to gas flow through the first cell, and (v) sensing any analyte in the first cell with a sensor that consumes the analyte at a rate greater than the rate at which the analyte is passing through the film, until a steady state rate of analyte consumption is measured by the sensor.

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

(21) Application No.7863/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR PRODUCING AN ALLERGEN EXTRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:P201030199 :12/02/2010 :Spain :PCT/EP2011/052049 :11/02/2011 : NA :NA :NA	 (71)Name of Applicant : 1)LABORATORIOS LETI S.L. Address of Applicant :Calle des Sol 5 E-28760 Tres Cantos Spain. (72)Name of Inventor : 1)Jeronimo CARNES SANCHEZ
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2011/052049 :11/02/2011 : NA :NA	(72)Name of Inventor :

(57) Abstract :

THE PRESENT INVENTION DISCLOSES PROCESSES FOR PRODUCING NATIVE, DEPIGMENTED AND POLYMERISED ALLERGEN EXTRACTS. THE INVENTION FURTHER DISCLOSES EXTRACTS PRODUCED VIA THE PROCESSES, AND PHARMACEUTICAL AND VACCINE COMPOSITIONS COMPRISING THE EXTRACTS, FOR DIAGNOSIS AND TREATMENT OF ALLERGY.

No. of Pages : 48 No. of Claims : 17

(21) Application No.8958/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ELECTRIC DELIVERY PUMP AND METHOD FOR OPERATING AN ELECTRIC DELIVERY PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02J :10 2010 027 838.6 :16/04/2010 :Germany :PCT/EP2011/053862 :15/03/2011 : NA	 (71)Name of Applicant : 1)ROBERT BOSCH GmbH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)FUCHS Alexander 2)ORTNER Klaus
(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 ELECTRIC DELIVERY PUMP FOR DELIVERING A FLUID MEDIUM, IN PARTICULAR FOR DELIVERING FUEL IN A FUEL INJECTION SYSTEM. SAID DELIVERY PUMP COMPRISES A PUMP UNIT AND A DRIVE UNIT WHICH HAS A MOTOR PROVIDED WITH A PLURALITY OF WINDINGS TO WHICH CURRENT CAN BE APPLIED, IN PARTICULAR IN ORDER TO GENERATE A ROTATING MAGNETIC FIELD, WHEREIN THE MOTOR CAN BE OPERATED WITH AN ALTERNATING CURRENT SUPERIMPOSED WITH A HIGH-FREQUENCY PROPORTION OF ELECTRICITY. THE INVENTION ALSO RELATES TO A METHOD FOR OPERATING AN ELECTRIC DELIVERY PUMP, THE WINDINGS OF A MOTOR OF THE ELECTRIC DELIVERY PUMP BEING SUBJECTED TO AN ALTERNATING CURRENT IN SUCH A MANNER THAT TORQUE IS GENERATED ON THE MOTOR. THE ALTERNATING CURRENT IS SUPERIMPOSED WITH A HIGH FREQUENCY PROPORTION OF ELECTRICITY IN ORDER TO GENERATE HEAT WHICH IS DISTRIBUTED BY THE WINDINGS.

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

(21) Application No.8959/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS PEST CONTROL 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 	:C07C :61/325,094 :16/04/2010 :U.S.A. :PCT/EP2011/055645 :11/04/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Str. 10 D 40789 Monheim Germany (72)Name of Inventor : 1)THOMAS BRETSCHNEIDER 2)ADELINE K-HLER 3)REINER FISCHER 4)MARTIN FLEIN 5)PETER JESCKE 6)JOACHIM KLUTH 7)FRIEDRICH AUGUST MHLTHAU 8)ARND VOERSTE 9)OLGA MALSAM 10)ULRICH G-RGENS 11)YOSHITAKA SATO
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(57) Abstract :

The present application relates to novel amides and thioamides, to processes for preparation thereof and to the use thereof for controlling animal pests, in particular arthropods and especially insects.

No. of Pages : 55 No. of Claims : 4

(21) Application No.9115/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CARBOHYDRATE BINDERS AND MATERIALS MADE THEREWITH

(51) International classification (31) Priority Document No	:C08G12/00,C08G14/00,C08G16/00 :61/332452	 (71)Name of Applicant : 1)KNAUF INSULATION Address of Applicant :Rue de Maestricht 95 B 4600 Vis
(32) Priority Date	:07/05/2010	Belgium
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2011/057364 :07/05/2011 :WO 2011/138459	1)APPLEY Charles 2)HAMPSON Carl 3)MUELLER Gert 4)PACOREL Bndicte
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A binder comprising a polymeric binder comprising the products of a carbohydrate reactant and nucleophile is disclosed. The binder is useful for consolidating loosely assembled matter such as fibers. Fibrous products comprising fibers in contact with a carbohydrate reactant and a nucleophile are also disclosed. The binder composition may be cured to yield a fibrous product comprising fibers bound by a cross linked polymer. Further disclosed are methods for binding fibers with the carbohydrate reactant and polyamine based binder.

No. of Pages : 43 No. of Claims : 49

(19) INDIA

(22) Date of filing of Application :30/03/2012

(21) Application No.994/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMPROVED GEAR SHIFTING ASSEMBLY

(51) International classification(31) Priority Document No	63/32 :NA	(71)Name of Applicant : 1)MARUTI SUZUKI INDIA LIMITED Address of Applicant :1, NELSON MANDELA ROAD,
(32) Priority Date	:NA	VASANT KUNJ, NEW DELHI - 110070, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MOHNEESH SAXENA
Filing Date	:NA	2)NITIN SACHDEVA
(87) International Publication No	:NA	3)AARTI BIST
(61) Patent of Addition to Application Number	:NA	4)SHIJO K JOSHUA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to integrated gear shifter assembly comprising of a tube housing a shaft mounted with a plurality of forks, wherein the shaft is cocentric with the tube. It is associated with the following advantageous features:- 1. Less number of parts thereby making it compact. 2. Cost effective. 3. Reduced weight. 4. Better Stack. 5. Increased Preciseness & Shift Comfort. 6. No Shift Tower Assembly. 7. No Yokes 8. Simplified Mechanism.

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

(21) Application No.9066/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A WEAR PLATE SYSTEM ARRANGEMENT AND METHOD

(51) International classification (31) Priority Document No	:B02C17/18,B02C17/22 :3852010	(71)Name of Applicant : 1)VULCO S.A.
(32) Priority Date	:19/04/2010	Address of Applicant :San Jose 0815 San Bernardo Santiago
(33) Name of priority country	:Chile	Chile
(86) International Application No	:PCT/AU2011/000443	2)WEIR MINERALS AUSTRALIA LTD
Filing Date	:19/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/130781	1)FERNANDEZ Ricardo Francisco Doberti
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wear plate for a grinding mill discharge head comprises a support structure adapted to secure to a wall of the grinding mill. An opening is defined in the support structure for registration with a corresponding opening in the mill wall. The wear plate further comprises an elastomeric body comprising at least one discharge hole extending there through the body being adapted to overlay the support structure such that a discharge end of the hole is spaced inwardly of an edge of the support structure opening.

No. of Pages : 24 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :18/10/2012

(21) Application No.9068/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD OF GENERATING GENE MOSAICS (51) International classification :C12N15/10,C12N15/90 (71)Name of Applicant : (31) Priority Document No :10159515.5 1)EVIAGENICS S.A. (32) Priority Date :09/04/2010 Address of Applicant : Ppini re Sant Cochin 29 rue du (33) Name of priority country :EPO Faubourg Saint Jacques F 75014 Paris France (72)Name of Inventor : (86) International Application No :PCT/EP2011/055530 Filing Date :08/04/2011 1)PANDJAITAN Rudy (87) International Publication No :WO 2011/124693 2)LUQUE Alejandro (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date

(57) Abstract :

The invention relates to a method for generating a gene mosaic by somatic in vivo recombination comprising: e) in a single step procedure (vii) transforming a cell with at least one gene A having a sequence homology of less than 99.5% to another gene to be recombined that is an integral part of the cell genome or presented in the framework of a genetic construct (viii) recombining said genes (ix) generating a gene mosaic of the genes at an integration site of a target genome wherein said at least one gene A has a single flanking target sequence either at the 5 end or 3 end anchoring to the 5 or 3 end of said integration site and f) selecting clones comprising the gene mosaic as well as a method of producing a diversity of gene mosaics and gene assembly.

:NA

No. of Pages : 109 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :24/08/2012

(21) Application No.7431/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : INLINE WATER TRAP

(51) International classification	:A61B 5/087	(71)Name of Applicant :
(31) Priority Document No	:61/306769	1)CRITICARE SYSTEMS INC.
(32) Priority Date	:22/02/2010	Address of Applicant :20925 Crossroads Circle Waukesha WI
(33) Name of priority country	:U.S.A.	53186 U.S.A.
(86) International Application No	:PCT/US2011/025749	(72)Name of Inventor :
Filing Date	:22/02/2011	1)LARSEN Michael T.
(87) International Publication No	:WO 2011/103585	2)CARLSON David
(61) Patent of Addition to Application	:NA	3)COOGAN Steven
Number	:NA	4)HENNING Roy
Filing Date	INA	5)SCHWARZ Daniel
(62) Divisional to Application Number	:NA	6)ZANE Deborah
Filing Date	:NA	

(57) Abstract :

An inline water trap including a filter component and a panel connector configured to interface with a patient gas monitor. In one embodiment the inline water trap indicates to the patient gas monitor that it is in place and that the patient gas monitor may begin intaking and analyzing the filtered patient sample. The inline water trap receives a patient sample and filters water and contaminants from the sample before allowing the remaining gas portion of the sample to pass through to the patient gas monitor thereby protecting the patient gas monitor from damage. One embodiment of the inline water trap additionally contains an RFID tag to indicate to the patient gas monitor that the correct type of inline water trap is engaged.

No. of Pages : 61 No. of Claims : 27

(21) Application No.7433/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR MANUFACTURING NUT FOR BALL SCREW AND BALL SCREW

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B21K 1/70 :2010-083058 :31/03/2010 :Japan :PCT/JP2011/001972 :31/03/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)NSK LTD. Address of Applicant :6-3 Ohsaki 1-chome Shinagawa-ku Tokyo 141-8560 JAPAN (72)Name of Inventor : 1)WATANABE Atsushi 2)HARADA Toru 3)YOKOYAMA Shouji 4)OOTSUKA Kiyoshi 5)HASHIMOTO Koji 6)KOBAYASHI Kazuto 7)NAKAMURA Toshio 8)MOGI Shinobu 9)SAITOU Shingo 10)YAMASHITA Tomofumi
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(57) Abstract :

PROVIDED IS A METHOD FOR FORMING A RECESSED PORTION SERVING AS A BALL RETURN PATH BY PLASTIC WORKING DIRECTLY ON THE INNER CIRCUMFERENTIAL SURFACE OF A NUT WORKPIECE WITHOUT DAMAGE TO A MOLDING DIE EVEN WHEN MANUFACTURING A NUT THAT HAS AN AXIALLY LONG LENGTH BUT A SMALL INNER DIAMETER. THE NUT WORKPIECE (1) IS PROVIDED ON THE INNER CIRCUMFERENTIAL SURFACE (11) WITH S-SHAPED RECESSED PORTIONS (15, 16) BY PRESSING WITH THE MOLDING DIE THAT HAS A WORKPIECE HOLDER (2), A CAM DRIVER (6), CAM SLIDERS (7, 8), AND A CYLINDRICAL MEMBER (5). THE CAM DRIVER (6) HAS INCLINED PLANES (61B, 61D) THE SLOPE OF WHICH IS THE SAME AS THAT OF INCLINED PLANES (71, 81) OF THE CAM SLIDERS (7, 8). THE CAM SLIDERS (7, 8) HAVE S-SHAPED PROJECTED PORTIONS (73, 83) CORRESPONDING TO THE S-SHAPED RECESSED PORTIONS (15, 16) AND ARE HELD IN THROUGH-HOLES (52, 53) OF THE CYLINDRICAL MEMBER (5). PRESSING THE CAM DRIVER (6) FROM ABOVE WITH PRESSURE CAUSES THE CAM SLIDERS (7, 8) TO MOVE EACH RADIALLY OUTWARDLY, WHEREBY THE S-SHAPED PROJECTED PORTIONS (73, 83) PRESS AND PLASTICALLY DEFORM THE INNER CIRCUMFERENTIAL SURFACE (11) OF THE NUT WORKPIECE (1).

No. of Pages : 291 No. of Claims : 27

(21) Application No.8960/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CASE HARDENED STEEL AND METHOD FOR PRODUCING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C22C :2010-226478 :06/10/2010 :Japan	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION, Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(86) International Application No Filing Date	1	CHIYODA-KU, TOKYO 100-8071, JAPAN (72)Name of Inventor :
(87) International Publication No	: NA	1)MASAYUKI HASHIMURA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KEI MIYANISHI 3)SHUJI KOZAWA 4)MANABU KUBOTA
(62) Divisional to Application Number Filing Date	:NA :NA	5)TATSURO OCHI

(57) Abstract :

A case hardening steel includes by mass%, C: 0.1% to 0.5%, Si: 0.01% to 1.5%, Mn: 0.3% to 1.8%, S: 0.001% to 0.15%, Cr: 0.4% to 2.0%, Ti: 0.05% to 0.2%, AI: limited to 0.2% or less, N: limited to 0.0050% or less, P: limited to 0.025% or less, 0: limited to 0.0025% or less, and the balance of Fe and inevitable impurities, wherein the number d of sulfide having an equivalent circle diameter more than 5 /.lm per 1 mm2 and a mass percentage [S] of S satisfy: d:::; 500 x [8] + 1.

No. of Pages : 97 No. of Claims : 11

(21) Application No.8962/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD OF DETECTING RHABDOMYOSARCOMA USING SAMPLE DERIVED FROM BODY FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION Address of Applicant :465 Kajii-cho Kawaramchi-dori Hirokoji-agaru Kamigyo-ku Kyoto-shi Kyoto 6028566 Japan
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:07/04/2011 : NA :NA :NA :NA :NA	2)LSIP LLC (72)Name of Inventor : 1)HAJIME HOSOI 2)MITSURU MIYACHI

(57) Abstract :

The present invention provides a method for detecting rhabdomyosarcoma comprising evaluating expression of at least 5 one kind of miRNA selected from the group consisting of hsa-miR-1, hsa-miR-133a, hsa-miR-133b, and hsa-miR-206 in a sample derived from body fluid.

No. of Pages : 28 No. of Claims : 6

(21) Application No.9139/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONJUGATED BLOOD COAGULATION FACTOR VIII

(51) Internationalclassification(31) Priority Document No	:A61K47/48,A61P7/04,A61K38/37 :1007357.5	(71)Name of Applicant : 1)CANTAB BIOPHARMACEUTICALS PATENTS LIMITED
(31) Priority Document No(32) Priority Date(33) Name of priority country	:30/04/2010	Address of Applicant :Palazzo Pietro Stiges 103 Strait Street Valletta VLT1436 Malta
(86) International Application No Filing Date		(72)Name of Inventor : 1)HENRY William
(87) International Publication No	:WO 2011/135307	
(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 a biocompatible polymer conjugated to FVIII via one or more cysteine residues suitably via a linker across a reduced disulphide bond in FVIII and pharmaceutical compositions comprising such conjugated forms of FVIII.

No. of Pages : 35 No. of Claims : 28

(19) INDIA

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

(21) Application No.9140/DELNP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : SLUDGE TREATMENT SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C02F :2010/02800 :21/04/2010 :South Africa :PCT/IB2011/051749 :21/04/2011	(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 2011/132170 :NA :NA :NA :NA	1)BUISMAN Reindert 2)HARRISON John Linden 3)WILSON David Anthony 4)ALBOROUGH Howard

(57) Abstract :

Apparatus 12 for treating a body 16 of an input material comprising an extrudable part and a non extrudable part comprises at least one extruding assembly 14.1. The extruder 22 24 for converting the extrudable part into an extruded part. The extruder is located downstream of an inlet 28 for the input material to the passage and upstream from a first outlet 30 from the passage for the extruded part and a second outlet 32 from the passage for the non extrudable part. The apparatus further comprises a mechanism 34 cooperating with the passage 20 for directing the extruded part to the first outlet 30 and the non extrudable part to the second outlet 32.

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

(21) Application No.9141/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : SPARK IGNITION INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D15/04,F02D13/02,F02D15/00	(71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(31) Priority Document No	:NA	Address of Applicant :1 Toyotacho Toyota shi Aichi 4718571
(32) Priority Date	:NA	Japan
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2010/059162 :24/05/2010	1)KAWASAKI Takashi
(87) International Publication No	:WO 2011/148514	
(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 internal combustion engine which includes a variable compression ratio mechanism (A) being capable of changing mechanical compression ratios and a variable valve timing mechanism B) being capable of controlling the timing of closing an intake valve (7). In the event of a failure of the variable compression ratio mechanism (A), the mechanical compression ratio and the timing of closing the intake valve are changed : from the current operating point t o a required operatin point (dX) on a lower mechanical compression ratioside without intruding an exclusion region (X X 2).

No. of Pages : 106 No. of Claims : 11

(21) Application No.9142/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND APPARATUS FOR OPTICALLY MEASURING BY INTERFEROMETRY THE THICKNESS OF AN OBJECT

(31) Priority Document No(32) Priority Date	1:B24B37/04,B24B49/12,B24B7/22 :BO2010A000313 :18/05/2010	1)MARPOSS SOCIETA PER AZIONI Address of Applicant : Via Saliceto 13 I 40010 Bentivoglio BO
(33) Name of priority country(86) International Application	•	Italy (72)Name of Inventor :
No Filing Date	:PCT/EP2011/057987 :17/05/2011	1)GALLETTI Dino 2)MALPEZZI Domenico
(87) International Publication No	:WO 2011/144624	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and apparatuses are used for optically measuring by interferometry the thickness (T) of an object (2) such as a slice of semiconductor material. Readings of the object thickness by optical interferometry are carried out rough thickness values (RTW) are obtained and frequencies indicating how often the rough thickness values occur are evaluated. A limited set of adjacent rough thickness values whose frequency integration or summation represents an absolute maximum is identified and the actual value of the thickness of the object is determined as a function of the rough thickness values belonging to said limited set of values. The rough thickness classes is identified as the above mentioned limited set of adjacent rough thickness. A lower reject threshold (R) and a higher reject threshold (R) that define a searching interval including the actual value of the object thickness are also determined and all the rough thickness values that are outside the searching interval are eliminated from further processing. When measuring the object during a surface machining the reject thresholds are progressively and automatically updated as a function of a gradual thickness reduction that the object undergoes.

No. of Pages : 46 No. of Claims : 26

(21) Application No.8971/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

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(43) Publication Date : 27/06/2014

(51) International classification:F28F(31) Priority Document No:NA(32) Priority Date:NA	 (71)Name of Applicant : 1)SANDEN CORPORATION Address of Applicant :20 Kotobuki-cho Isesaki-shi Gunma
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (61) Patent of Addition to Application NA (61) Patent of Addition to Application NA (62) Divisional to Application Number Filing Date (82) Divisional to Application Number SNA 	3728502 Japan (72) Name of Inventor : 10 1) TOMOHISA IMAFUJI 2) HISAE MURATA 3) YOSHIHITO YOKOTA

(57) Abstract :

Disclosed is a heat exchanger wherein an antibacterial member can be installed at a low cost and without using a dedicated fixing member, a drop in heat exchange efficiency due to the installation of the antibacterial member is prevented, and which can maintain high design flexibility. The disclosed heat exchanger is provided with a heat radiating member comprising at least a plurality of tubes which are arranged in a planar manner and through which a heat exchange medium flows, and the heat exchanger is characterized by being constructed such that a water absorption sheet substrate for holding antibacterial components is partially attached to the heat radiating member, and the antibacterial components can disperse , following the surface of the radiating member, via water components which have been absorbed by the water absorption sheet substrate.

No. of Pages : 20 No. of Claims : 11

(21) Application No.9070/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AN IMMUNOGLOBULIN-BINDING PROTEIN

(57) Abstract :

An immunoglobulin-binding protein capable of binding to other regions of the immunoglobulin molecule than the complementarity determining regions (CDR), wherein at least one asparagines residue of a parental immunoglobulin-binding protein defined by SEQ ID NO. 1 or 2 or a functional variant thereof, has been mutated to an amino acid other than glutamine, which mutation conferred an increased chemical stability at alkaline pH- values compared to the parental molecule, wherein the mutation(s) are selected from the group consisting of N23T and N3A; N23T and MA and IND.; and N23T and N43E.

No. of Pages : 55 No. of Claims : 18

(21) Application No.9071/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : VANE CELL PUMP

(51) International classification	:B60P	(71)Name of Applicant :
(31) Priority Document No	:10 2010 028 061.5	1)ROBERT BOSCH GmbH
(32) Priority Date	:22/04/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/056085	(72)Name of Inventor :
Filing Date	:18/04/2011	1)JOHANNING Andre
(87) International Publication No	: NA	2)KRUEGER Hartmut
(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 vane cell pump (1) having a pump housing (26) and a rotor (10) which is arranged in a hollow space (27) of the pump housing (26) along an axis of rotation (21) wherein the pump housing (26) comprises a first end face (30) against which a second end face (31) of the rotor (10) is arranged in opposition wherein an apparatus (24 25) is arranged on the first end face (30) of the pump housing (26) and/or on the second end face (31) of the rotor (10) the apparatus (24 25) building up a pressure between the first end face (30) of the pump housing (26) and the second end face (31) of the rotor (10) as a result of rotation of the rotor (10) about the axis of rotation (21).

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

(21) Application No.9073/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LOW PROFILE ELECTRODE ASSEMBLY

(51) International classification:A61B18/18,A61B18/14,A61M29/02(31) Priority Document No (32) Priority Date:61/334154(32) Priority Date:12/05/2010(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2011/036310(87) International Publication No (61) Patent of Addition to Filing Date:WO 2011/143468(86) International Filing Date:NA :NA(86) International Filing Date:NA :NA(87) International Filing Date:NA :NA(87) International Filing Date:NA :NA	 (71)Name of Applicant : 1)SHIFAMED HOLDINGS LLC Address of Applicant :745A Camden Avenue Campbell CA 95008 U.S.A. (72)Name of Inventor : 1)SALAHIEH Amr 2)LEPAK Jonah 3)LEUNG Emma 4)BRANDT Brian D. 5)CLAUDE John P.
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(57) Abstract :

A tissue electrode assembly includes a membrane configured to form an expandable conformable body that is deployable in a patient. The assembly further includes a flexible circuit positioned on a surface of the membrane and comprising at least one base substrate layer at least one insulating layer and at least one planar conducting layer. An electrically conductive electrode covers at least a portion of the flexible circuit and a portion of the surface of the membrane not covered by the flexible circuit wherein the electrically conductive electrode is foldable upon itself with the membrane to a delivery conformation having a diameter suitable for minimally invasive delivery of the assembly to the patient.

No. of Pages : 155 No. of Claims : 15

(21) Application No.8991/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTI-ALLERGIC AGENT

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:2010-067639	1)MORISHITA JINTAN CO. LTD.
(32) Priority Date	:24/03/2010	Address of Applicant :2-40 Tamatsukuri 1-chome Chuo-ku
(33) Name of priority country	:Japan	Osaka-shi Osaka 5408566 JAPAN
(86) International Application No	:PCT/JP2011/056733	(72)Name of Inventor :
Filing Date	:22/03/2011	1)KOHNO Mamiko
(87) International Publication No	: NA	2)KITAMURA Shinichi
(61) Patent of Addition to Application	:NA	3)SHOJO Aiko
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

DISCLOSED IS AN ANTI-ALLERGIC AGENT WHICH INCLUDES POLYSACCHARIDES HAVING GALACTOSE, GLUCOSE, AND RHAMNOSE AS CONSTITUENTS, OR INCLUDES MICROORGANISMS WHICH BELONG TO THE GENUS BIFIDOBACTERIUM, AND WHICH GENERATE POLYSACCHARIDES OUTSIDE THE BACTERIAL CELL. THE DISCLOSED ANTI-ALLERGIC AGENT CAN BE USED IN COMPOSITIONS FOR ORAL ADMINISTRATION AND COMPOSITIONS FOR EXTERNAL APPLICATION, AND IS SUITABLE FOR USE IN PRODUCTS SUCH AS FOOD PRODUCTS, PHARMACEUTICAL PRODUCTS, AND COSMETICS.

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

(19) INDIA

(22) Date of filing of Application :30/03/2012

(21) Application No.992/DEL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : CENTRAL MOUNTING SYSTEM OF 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 	1/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MARUTI SUZUKI INDIA LIMITED Address of Applicant :1, NELSON MANDELA ROAD, VASANT KUNJ, NEW DELHI - 110070, INDIA (72)Name of Inventor : 1)UTTAM KUMAR MISHRA 2)SANDIP HAZRA 3)SOUMYASREE BANDYAPADHYAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to central mounting system of engine comprising mounting of engine at its center of gravity for transmission of load therethrough, which is provided on a frame. It is associated with the advantageous features of Easy assembly, Easy to tune all torque stoppers, Easy to adopt same engine in multiple vehicles, Light weight and cost effective comparatively, and Easy layout.

No. of Pages : 12 No. of Claims : 6

(21) Application No.9046/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ELECTRIC MOTOR-VEHICLE COOLANT PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:H02J :10 2010 015 565.9 :19/04/2010 :Germany :PCT/EP2010/061362 :04/08/2010 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PIERBURG PUMP TECHNOLOGY GMBH Address of Applicant :Alfred-Pierburg-Strae 1 41460 Neuss Germany 2)KOLEKTOR MAGNET TECHNOLOGY GMBH (72)Name of Inventor : 1)JENS TEUBEL 2)RONALD RATHKE 3)MARTIN FIEDLSCHUSTER 4)MICHAEL WEINERT 5)NORBERT WEBER 6)PIETRO GIANNICO 7)FRIEDEL SCHLUSNUS
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(57) Abstract :

The invention refers to an electrically driven motor vehicle coolant pump 10 for a motor vehicle driven by an internal combustion engine, the pump comprising a pump housing 12 and a rotor 14 rotatably supported in the pump housing 12. The rotor 14 is formed by a pump rotor 16 and a substantially pot-shaped motor rotor 18, the pump rotor 16 having a plurality of rotor blades 20 standing immediately on the pot bottom 36 of the motor rotor 18. The pump rotor 16 and the motor rotor 18 of the coolant pump 10 each are separately injection molded plastic material components, respectively formed integrally, which are made from different materials. This means that the pump rotor 16, for example, is made from a mechanically robust plastic material or plastic material mixture and the motor rotor 18 is made from a different plastic material or a plastic material/metal mixture, adapted to the technical requirements. The motor rotor 18 comprises a homogenously dispersed ferromagnetic substance and is magnetized at least in a bipolar manner and thereby forms a permanently excited electric motor rotor. The pump rotor 16 comprises an annular cover ring 22 on the distal ends of the rotor blades 20 and contains no ferromagnetic substance, i.e. it is not ferromagnetic.

No. of Pages : 14 No. of Claims : 11

(21) Application No.9060/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : LONG TERM OUTDOOR EXPOSURE RESISTANT POLYESTER COMPOSITE STRUCTURES AND PROCESSES 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 (62) Divisional to Application Number 	:c08j :61/354362 :14/06/2010 :U.S.A. :PCT/US2011/028091 :11/03/2011 :WO 2011/159377 :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)ARPIN Thierry
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the field of ultraviolet light stabilized thermoplastic polyester composite structures and processes for their preparation. The disclosed composite structures have a surface which surface has at least a portion made of a surface resin composition and comprise a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition wherein the surface resin composition is selected from polyester compositions comprising a) one or more polyester resins and b) at least three UV stabilizers.

No. of Pages : 32 No. of Claims : 15

(21) Application No.9061/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CREEP RESISTANT COMPOSITE STRUCTURES AND PROCESSES 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 (62) Divisional to Application Number Filing Date 	:C08J5/10,C08K3/34 :NA :NA :PA :PCT/US2010/038377 :11/06/2010 :WO 2011/155947 :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)ELIA Andri E.
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(57) Abstract :

The present invention relates to the field of composite structures overmolded composites structures and processes for their preparation. The disclosed composite structures have a surface which surface has at least a portion made of a surface resin composition and comprise a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition wherein the surface resin composition and the matrix resin composition are identical or different and are chosen from thermoplastic compositions comprising a) one or more thermoplastic resins selected from polyesters polyamides and mixtures thereof; and b) from at or about 0.5 to at or about 6.0 wt % of nanoclays the weight percentages being based on the total weight of the thermoplastic composition.

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

(21) Application No.7343/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SHOCK REDUCTION TOOL FOR A DOWNHOLE ELECTRONICS PACKAGE

(57) Abstract :

A TOOL STRING DISPOSED IN AT LEAST ONE TUBULAR HAVING UPPER AND LOWER THREADED CONNECTIONS TO CONNECT TO A DRILL STRING. THE TOOL STRING INCLUDES A SHOCK REDUCTION TOOL, WHICH INCLUDES AN ANCHORING TAIL PIECE AXIALLY AND ROTATIONALLY FIXED TO THE AT LEAST ONE TUBULAR. A UNIVERSAL BORE HOLE ORIENTATION (UBHO) MULESHOE SUB IS DISPOSED AT AN UPPER END OF THE SHOCK REDUCTION TOOL. A DOWNHOLE ELECTRONICS PACKAGE COUPLED TO THE UBHO MULESHOE SUB.

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

(21) Application No.7346/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/08/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HYDRODYNAMIC BEARING INTENDED TO SUPPORT A CYLINDER DRIVEN IN ROTATION ABOUT ITS AXIS

(51) International classification(31) Priority Document No	:F16C 13/04 :1001194	(71)Name of Applicant : 1)FIVES FCB
(32) Priority Date(33) Name of priority country	:25/03/2010 :France	Address of Applicant :50 rue de Ticlni F-59650 Villeneuve d TM Ascq FRANCE
(86) International Application No		(72)Name of Inventor :
Filing Date	:24/03/2011	1)ERIC ROMERO
(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 HYDRODYNAMIC BEARING (1) INTENDED TO SUPPORT A HOLLOW CYLINDER (2) THAT MAY BE DEFORMABLE IN THE RADIAL DIRECTION, DRIVEN IN A ROTATIONAL MOVEMENT ABOUT ITS AXIS, SAID DIAMETER BEING GREATER THAN OR EQUAL TO ONE METRE, SAID BEARING (1) ESSENTIALLY CONSISTING OF A BUSHING (3) AND A BUSHING SUPPORT (4), AND IN WHICH SAID BUSHING (3), NOTABLY OF CONSTANT THICKNESS, EXTENDS OVER A PORTION OF CYLINDER OF AXIS, HAVING A GUIDE SURFACE (31), INTENDED TO FOLLOW THE EXTERIOR SURFACE OF SAID CYLINDER (2) VIA A FILM OF LUBRICANT, AND A SURFACE (32) SECURED TO SAID BUSHING SUPPORT (4). ACCORDING TO THE INVENTION, THE BUSHING SUPPORT (4) HAS, IF APPROPRIATE LOCALLY, AT LEAST IN THE REGION OF AN INTERMEDIATE ZONE OF SAID BEARING (1), CROSS-SECTION-REDUCING MEANS (5; 6; 7; 8) ALLOWING ELASTIC DEFORMATION OF SAID BEARING IN SUCH A WAY AS TO LIMIT THE MAXIMUM VALUE OF THE GUIDE FORCES OVER SAID BUSHING (3). THE INVENTION WILL FIND A SPECIFIC APPLICATION IN THE SUPPORT AND GUIDANCE OF A ROTARY HOLLOW CYLINDER SUBJECTED TO FORCES F THAT ARE UNEVENLY DISTRIBUTED, SUCH AS THAT OF A GRINDER FOR EXAMPLE. THE INVENTION WILL ALSO RELATE TO A GRINDER OF THE TYPE HAVING A HOLLOW CYLINDER (2) THE INTERNAL WALL OF WHICH FORMS A CIRCULAR TRACK (21), MEANS FOR PRESSING A ROLLER (22) AGAINST THE CIRCULAR SURFACE WITH A GIVEN FORCE AND COMPRISING A HYDRODYNAMIC BEARING (1) ACCORDING TO THE INVENTION FOR SUPPORTING AND GUIDING THE HOLLOW CYLINDER IN ITS ROTATION.

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

ATION (21) Application No.8879/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : POLYCARBONATE COMPOSITION HAVING IMPROVED OPTICAL AND THERMAL 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 	:C08g :10 2010 014 726.5 :13/04/2010 :Germany :PCT/EP2011/055479 :08/04/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Strasse 10 40789 Monheim Germany (72)Name of Inventor : 1)KARL-HEINZ K-HLER 2)FRANKY BRUYNSEELS
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(57) Abstract :

The invention relates to aromatic polycarbonates which comprise dioxydiarylcycloalka.ne structural units, and which have improved optical and thermal properties. It also relates to an improved process to produce the said polycarbonates from dihydroxydiphenylcycloallcanes, and also to mixtures of these polycarbonates with polymers, with fillers, with dyes and with conventional additives.

No. of Pages : 31 No. of Claims : 10

(21) Application No.9144/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROL APPARATUS FOR PARALLEL BATTERY CONNECTION CIRCUIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02J7/00,B60L3/00,H01M10/44 :2010122578 :28/05/2010 :Japan :PCT/JP2011/060223	 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka cho Minami ku Hamamatsu shi Shizuoka 4328611 Japan (72)Name of Inventor : 1)BITO Seiji
Filing Date (87) International Publication No	:27/04/2011 :WO 2011/148752	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

I n a control apparatus for a parallel battery connection cir cuit, wherein malfunctioning i s detected b y detecting and comparing the states o f a plurality o f rechargeable battery packs connected in parallel, state detection circuits for detecting currents and temperatures are installed on the rechargeable battery packs, and a control circuit limits the currents on the basis o f the magnitude o f deviation between deviation i n a compari son o f the currents detected b y the state detection circuits and/or a compar ison o f the temperatures detected b y the state detection circuits, and a pre scribed evaluation value(s). The control circuit also calculates the ratio o f the currents detected b y the state detection circuits, and limits the currents on the basis o f the magnitude o f deviation between the current ratio and a prescribed evaluation value, and also limits the currents on the basis o f the magnitude o f deviation between temperature deviation i n a comparison o f the temperatures detected b y the state detection circuits, and also limits the currents on the basis o f the magnitude o f deviation between temperature deviation i n a comparison o f the temperatures detected b y the state detection value, and also limits the currents on the basis o f the magnitude o f deviation between temperature deviation i n a comparison o f the temperatures detected b y the state detection circuits, and a prescribed evaluation value. This enables prevention o f overcharging and over-dis charging, and also enables evaluation o f malfunctioning, including deterio ration ana internal short-circuiting, with good precision.

No. of Pages : 46 No. of Claims : 6

(21) Application No.9145/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR REDUCING CO2 EMISSIONS IN A COMBUSTION STREAM AND INDUSTRIAL PLANTS UTILIZING THE SAME

(57) Abstract :

Disclosed herein are methods for reducing CO emissions in an exhaust stream and industrial plants utilizing the same. In one embodiment a method for reducing emissions in a combustion stream comprises: generating an exhaust stream and compressing the stream. A first flow of the compressed exhaust stream is recycled to the generating step and a second flow is provided to a CO separation system.

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

(21) Application No.9148/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : LAUNDRY DETERGENT

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 70128	1)LIQUID VANITY APS
(32) Priority Date	:26/03/2010	Address of Applicant : Niels Jernes vej 10 9220 Aalborg ~
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050099	(72)Name of Inventor :
Filing Date	:25/03/2011	1)NIELSEN Dan M _s nster
(87) International Publication No	: NA	2)JEPPESEN Per Bendix
(61) Patent of Addition to Application	:NA	3)POULSEN Allan Korsgaard
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides synergistic biocidal composition such as a synergistic detergent composition for use e.g. in disinfection and cleaning.

No. of Pages : 72 No. of Claims : 24

(21) Application No.9149/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRINTED CIRCUIT BOARD WITH CAVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H05K1/18,H05K3/46,H01L23/31 :10 2010 018 499.3 :22/04/2010 :Denmark :PCT/EP2011/002036 :21/04/2011	 (71)Name of Applicant : 1)SCHWEIZER ELECTRONIC AG Address of Applicant :Einsteinstr. 10 78713 Schramberg Germany (72)Name of Inventor : 1)GOTTWALD Thomas
Filing Date (87) International Publication No (61) Patent of Addition to	:WO 2011/131362	
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a printed circuit board multilayer construction comprising a layer stack composed of a plurality of electrically insulating and/or conductive layers (1 7) arranged one above another and a cavity (8) in the interior of the layer stack which extends laterally only in a partial region of the areal extent of the layer stack is exposed to a pressure surrounding the printed circuit board multilayer construction through an opening provided in the layer stack and is sealed relative to ingress of liquid. Furthermore the present invention relates to a method suitable for producing a printed circuit board multilayer construction of this type.

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

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRETREATMENT OF COTTONSEEDS WITH MICROBIAL CONSORTIUM FOR ENERGY EFFICIENT REMOVAL OF LINTERS

Name of Applicant : NDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :CENTRAL INSTITUTE FOR EARCH ON COTTON TECHNOLOGY COT)[INDIAN COUNCIL OF AGRICULTURAL EARCH,DARE,GOVT.OF INDIA], ADENWALA D,MATUNGA,MUMBAI 400019, HARASHTRA,INDIA Name of Inventor : DR.RUDRAPATNA HIRIYANNAIAH ASUBRAMANYA NISHANT DIGAMBER KAMBLI
NISHANT DIGAMBER KAMBLI DR.RAJAN PANDARINATH NACHANE

(57) Abstract :

The present invention describes an improved process for energy-efficient recovery of linters from cottonseeds by pretreating the cottonseed using a cocktail of cellulose, lipase and pectinase enzymes derived from a specific microbial consortium. Such pretreatment softens the seed coat surface and is followed by mechanical delinting to result in enhanced (inter recovery with significant savings in energy.

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

(21) Application No.1554/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PEDAL DRIVEN BANANA FIBRE SPINNING SYSTEM

(51) International classification	:F16D1/08,	(71)Name of Applicant :
(31) International classification	A61f13/00	1)INDIAN COUNCIL OF AGRICULTURAL
(31) Priority Document No	:NA	RESEARCH(ICAR)
(32) Priority Date	:NA	Address of Applicant : DIRECTOR, CENTRAL INSTITUTE
(33) Name of priority country	:NA	FOR RESEARCH ON COTTON TECHNOLOGY,
(86) International Application No	:NA	ADENWALA ROAD, MATUNGA, MUMBAI-400 019,
Filing Date	:NA	MAHARASHTRA,INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR.NACHANE RAJAN PANDHARINATH
Filing Date	:NA	2)MR. VIVEKANANDAN M. V.,
(62) Divisional to Application Number	:NA	3)MR. SAMEER SURENDRA KANABARGI
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a pedal-driven cotton-spinning wheel capable of spinning coarse fibre of vegetal origin to fine and uniform yarn and of which easy operation and high yield of quality yarn product are attributable to differential of rotation achieved between feed roller and flyer without involvement of complex drives and gears.

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

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 27/06/2014

(21) Application No.3096/MUM/2012 A

(54) Title of the invention : SYSTEM AND METHOD OF FUEL FEEDING IN MANUALLY OPERATED 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 	F22B31/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)FORBES MARSHALL PVT. LTD Address of Applicant :P.B.#29, MUMBAI-PUNE ROAD, KASARWADI, PUNE-411 034, MAHARASHTRA, INDIA (72)Name of Inventor : 1)LOKESH CHAUDHARY 2)BAHUBALI KASAR
(87) International Publication No	: NA	2)DAIIUDALI KASAK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system and process of a fuel feeding in a manually operated boiler. The system of the present invention utilizes a control device that controls automatic feeding, door opening, door closing and tray movement. The system reduces number of labors and time required for fuel feeding in the manually operated boiler. Furthermore, the system reduces operators exposure to heat from a furnace while feeding fuel in the manually operated boiler.

No. of Pages : 13 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.3526/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : SENTIMENTAL PERCEPTION FRAMEWORK BASED ON SPEED OF MUSIC AND MUSIC ORNAMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	G10H1/00 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)VELANKAR MAKARAND RAMESH Address of Applicant :8, POULOMI APARTMENTS, NEAR CRESENT HIGH SCHOOL, MAHARSHINAGAR, GULTEKDI, PUNE-411 037, MAHARASHTRA,INDIA (72)Name of Inventor : 1)VELANKAR MAKARAND RAMESH
(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 a method for analyzing speed of music and music ornamentation for sentimental perception. Speed of music is a new terminology proposed to represent speed perception of listeners which mainly contributes to sentiment perception. Music speed is a proposed parameter based on perceived notes or musical phrases per unit time similar to words in unit time for speech. Music speed can be also measured as average duration of all perceived notes. It is different than tempo of music which is associated with the perceived rhythm bits in specific time. Music ornaments are the decorative elements in the music such as meend, kan swar, amplitude modulation, improvisation etc. They are used to induce sentiments in listeners mind. The propose framework can associate speed, various music ornaments with the implied sentiments perceived by listeners.

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

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.3527/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A WASTE CONVERTING MACHINE FOR CONVERTING WASTE INTO MANURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	c05f3/00 :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)M/S. HARIT KRANTI Address of Applicant :151, CENTRAL FACILITY BUILDING, APMC MASALA MARKET, SEC. 19, VASHI, NAVI MUMBAI Maharashtra India (72)Name of Inventor : 1)MRS. DARSHIKA MORE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A waste converting machine for converting waste into manure comprising motor, Rolling blades, cutting blades, handle, Trolley, Belt, Gear Box, Drum and opening lid. The product is capable of processing all type of wet or dry food waste in huge quantities. The product is capable to avoid harmful items like glass, plastic or paper while processing waste. The product is eco friendly which can work continuously for long hours.

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

(21) Application No.3562/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COUPLING ASSEMBLY

	:F16L	(71)Name of Applicant :
(51) International classification	37/00,	1)BLUE STAR LIMITED
	F28F9/02	Address of Applicant : KASTURI BUILDINGS, MOHAN T.
(31) Priority Document No	:NA	ADVANI CHOWK, JAMSHETJI TATA ROAD, MUMBAI - 400
(32) Priority Date	:NA	020, MAHARASHTRA,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VIVEK GAWDE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A coupling assembly for securing two or more panels of an air-conditioning system, wherein the assembly of the panel is tool-less. The coupling assembly comprises of a fastening means, at-least a first panel and at-least a second panel, wherein the fastening means couples the first and the second panel.

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

(21) Application No.3564/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : POLLUTION CONTROL CHECK SYSTEM FOR AUTOMOBILES

(51) International classification:F02B25 F01M13/(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) 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:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAState:NA	 (71)Name of Applicant : (72) (71)Name of Applicant : (72) Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,INDIA (72)Name of Inventor : 1)KAKAYE SUNIL 2)SUNDARAM SUDARSAN 3)MANEL VIJAY KUMAR
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(57) Abstract :

A pollution control check system for an automobile to periodically remind automobile users to have a PUC check test conducted on their automobiles. The system comprises a sensing switch fitted in an exhaust tail pipe of an automobile and an electronic unit connected to the sensing switch. The electronic unit comprises a processor and a signal detector. The sensing switch changes its state and generates an electrical signal when the PUC check test is conducted on the automobile. The electrical signal is detected by the signal detector whereupon the processor will record the date of change of the state of the switch and set the future PUC check test due date. Thereafter the system will remind a user of the automobile to have the PUC check test conducted on the automobile, in advance of the next due date, each time the user turns-ON the ignition.

No. of Pages : 17 No. of Claims : 14

(21) Application No.3566/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A TOILET LATCH

(51) International classification	:E03D5/02, E05B65/00,	(71)Name of Applicant : 1)DEWAN MOHAN
(31) International classification	E05B05/00,	Address of Applicant :MOHAN VILLA, 1147-B, SHIVAJI
(31) Priority Document No	:NA	NAGAR, PUNE-411 016, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)DEWAN MOHAN
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A locking assembly for locking the door of public toilets is disclosed. The locking assembly includes a sensor configured to detect the presence of an occupant inside the public toilet and subsequently generate a trigger. The system further includes a latch responsive to the trigger, the latch configured to lock the door of the public toilet from inside by changing the configuration from an unlocked configuration to a locked configuration in response to the trigger. The latch is configured to remain in the locked configuration inoperable from outside till the public toilet is occupied. The system further includes a display means responsive to the trigger, the display means configured to display the occupancy status of the toilet, in the event that said trigger is generated by the sensor.

No. of Pages : 15 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.3567/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : INTEGRATED MULTIPLE-STAGE AUTO SELF-CLEANING FILTER FOR SEPERATING SOLIDS FROM LOW-VISCOSITY LIQUIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B01D39/16, B01D29/11 :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PUDDUKARAI SRINIVASAN RAMACHANDRAN Address of Applicant :202, M.V. EVEREST, RAVI INDUSTRIAL COMPOUND, PANCHPAKHADI, THANE (W) - 400 602, MAHARASHTRA,INDIA (72)Name of Inventor : 1)PUDDUKARAI SRINIVASAN RAMACHANDRAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bolted integrated equipment with low footprint comprising of first stage and second stage filtration with automatic self cleaning and efficient backwash, with continuous output and zero downtime, the first stage apparatus comprising of a bottom chamber with an inlet pipe; a conical screen, a rotatable movable arm for slurry discharge and a constantly open drain nozzle; the second stage apparatus comprising a body with multiple filtration modules located in diametrically opposing manner containing filtration elements and a top chamber for filtrate collection comprising an outlet and a rotatable T shaped pipe arm sealing two diametrically opposing filtration modules during backwash; wherein the said T shaped pipe arm being connected to the movable arm by means of a shaft; wherein the filtrate of the first stage is the input for the second stage and the filtrate of one module acts as the Backwash fluid for the other module undergoing backwash.

No. of Pages : 30 No. of Claims : 10

(21) Application No.3580/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : ULTRA-LOW POWER CHARGE BALANCING AND LOW NOISE STIMULATOR USING ADIABATIC AND SELF-CLOCKING TECHNIQUES

(51) International classificationA(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:1(86) International Application No:1Filing Date:1(87) International Publication No:(61) Patent of Addition to Application Number:1Filing Date:1(62) Divisional to Application Number:1	A61N1/362, A61N1/372 NA NA NA NA NA NA NA NA NA NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI MUMBAI - 400 076 MAHARASHTRA,INDIA (72)Name of Inventor : 1)SUDIP NAG 2)DINESH K SHARMA
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(57) Abstract :

The present invention proposes an ultra-low power charge balancing and low noise stimulator in accordance with an aspect of the present invention. Switch capacitor based architecture utilizes adiabatic charging and residual charge recycling through electrodes, along with self-clocking in a single hardware configuration. The system is capable of producing anodic-first as well as cathodic-first stimulation signals with or without inter-phase delay through appropriate software changes. The present stimulator is capable of generating charge balanced bipolar stimulation signals for neuronal tissues at very low power budget (3.75μ W quiescent power approximately) and at much lower noise (<50 mV).

No. of Pages : 37 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 27/06/2014

(21) Application No.3582/MUM/2012 A

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF SAXAGLIPTIN OR SALTS THEREOF

 (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (38) International Publication No (39) Name of Priority Country (30) Name of priority country (31) Jain Girish Kumar (32) Naidu Venkataramana (33) Wagh Balasaheb Parshuram (33) Wagh Balasaheb Parshuram (4) Suggala Vijay 	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	A61K47/10, A61K9/00, A61K9/0 :NA :NA :NA :NA :NA :NA :NA :NA	2)Naidu Venkataramana 3)Wagh Balasaheb Parshuram
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(57) Abstract :

The present invention relates to a stable pharmaceutical composition of saxagliptin or salts thereof. In particular the invention relates to stable comprises a core and two or more layers coated on the core wherein the inner first coat is free of polyvinyl alcohol. Such composition of saxagliptin may exhibit relatively improved storage stability and particularly levels of degradants in the formulation during storage can be effectively controlled. The invention also includes a process of preparing such compositions and method of treating type-II diabetes mellitus by administering the composition to a patient in need thereof.

No. of Pages : 20 No. of Claims : 9

(21) Application No.3585/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITION OF SODIUM OXYBATE

	:A61K31/19,	(71)Name of Applicant :
(51) International classification	A61K47/02,	1)WOCKHARDT LIMITED
	A61K47/04	Address of Applicant :D-4 MIDC Industrial area
(31) Priority Document No	:NA	Chikalthana Aurangabad - 431210 MAHARASHTRA,INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Jain Girish Kumar
(86) International Application No	:NA	2)Nagori Rajendra Nandlal
Filing Date	:NA	3)Bhamare Mayur
(87) International Publication No	: NA	4)Kharat Swapnil
(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 stable pharmaceutical composition of Sodium oxybate or free base thereof. The invention relates to pharmaceutical composition of sodium oxybate comprising sodium oxybate and one or more preservative(s) and optionally other pharmaceutically acceptable excipients. Such compositions control the level of sodium oxybate impurities along with other impurities formed due to sodium oxybate over the storage period. The invention also includes process of preparing such composition.

No. of Pages : 14 No. of Claims : 6

(19) INDIA

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

(21) Application No.3587/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : REDUCTION OF NOISE BY REPLACEMENT OF THERMOPLASTIC GEAR IN THE FEED BOX OF LATHE 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 	:F16H55/02, F16H1/28 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)Mr. Vithal Gulabrao Arajpure Address of Applicant :Surbhi Apartment Plot No-29 Modern Housing Society Behind Apurva Tower Chatrapati Nagar Nagpur 440015 Maharashtra India (72)Name of Inventor : 1)Mr. Vithal Gulabrao Arajpure 2)Mr Kshitij Vithal Arajpure
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

Noise is obvious but undesirable effect in machine tools. The reduction of noise during machining operation is important objectives for the design engineer. Gear box is the power and motion transmission system. This is one of source of noise in machine tool. Changing in any of the machining parameters i.e. feed speed oval depth of unit causes the machine tool vibration. Such Vibrations with multiple frequencies result into instability and noise. This in turn reduces accuracy productivity and tool life. Present invention effort to decide effectiveness of thermoplastic gear with a view point of noise reduction. The experimentation is carried out with standpoint of comparison between thermoplastic and metal gears. Speed feed and depth of cut were maintained same in metal and plastic gear. Three different thermoplastic materials were used to make the gears.

No. of Pages : 9 No. of Claims : 3

(21) Application No.1823/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM FOR PRODUCTION OF MEMBRANE

(51) International classification		(71)Name of Applicant :
	C04B35/64	1)YADAV GANAPATI DADASAHEB
(31) Priority Document No	:NA	Address of Applicant : CHEMICAL ENGINEERING
(32) Priority Date	:NA	DEPARTMENT, INSTITUTE OF CHEMICAL TECHNOLOGY
(33) Name of priority country	:NA	(DEEMED UNIVERSITY), NATHALAL PAREKH MARG,
(86) International Application No	:NA	MATUNGA (EAST) MUMBAI 400 019,
Filing Date	:NA	MAHARASHTRA,INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)YADAV GANAPATI DADASAHEB
Filing Date	:NA	2)KUNDE GAJANAN
(62) Divisional to Application Number	:NA	3)BABU C. ANAND
Filing Date	:NA	

(57) Abstract :

The furnace comprises of two furnace plates which are mounted on the vertical stand one below another and can slide upwards and downward on the stand. The furnace plates are heated by heating coil and are insulated from other parts of the furnace by insulation blanket and thermal wool. The total assembly is encased in a metallic cover. The sintering of the semidried metal oxide diaphragms is done as sandwich between two furnace plates. The heating of metallic coil and working of thermocouple is controlled and programmed by electronic digital PID controller, which is fitted at the rectangular base of instrument. The sandwich assembly of the furnace plates can be locked by the locking shaft provided separately on left stand. The vents on the furnace plates are provided for escape of gases produced during sintering operation in the furnace.

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

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.3570/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR MODELING A METADATA-DRIVEN SCHEMA DEFINITION FOR A PLATFORM-AS-A-SERVICE SOFTWARE

(51) International classification	:G06F7/00, H04L29/08, G06F9/44	 (71)Name of Applicant : 1)ENTRIB TECHNOLOGIES Address of Applicant :CONCORD PROXIMA, SURVEY
(31) Priority Document No	:NA	#85-A, BLDG C-202, BANER, PUNE 411045,
(32) Priority Date	:NA	MAHARASHTRA,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DAMBALKAR, ATUL
Filing Date	:NA	2)BHATIA, JUHI
(87) International Publication No	: NA	3)NATARAJ, KIRAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method to enable modeling of metadata-driven schema for software-based platform is disclosed. According to system and method of the present invention, a metadata classification structure defining a schema for a schema-less, unstructured database is obtained and persisted in a structured database. According to the system and method of the present invention, XML-based APIs are defined that correlate the metadata to the data record from the unstructured database on which CRUD (create, read, update and delete) and Reporting Data operations are performed.

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

(21) Application No.3575/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRODUCTION OF ETHANOL PRODUCTS

	:B01D3/06,	(71)Name of Applicant :
(51) International classification	.B01D3/00, C07C29/149	
(31) Priority Document No	:NA	Address of Applicant : PRAJ HOUSE, BAVDHAN, PUNE -
(32) Priority Date	:NA	411021, MAHARASHTRA,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GHANSHAM BABURAO DESHPANDE
Filing Date	:NA	2)SHRIKANT SUBASH RATHI
(87) International Publication No	: NA	3)DEVDATTA KRISHNA DESHPANDE
(61) Patent of Addition to Application Number	:NA	4)VIJAYKUMAR SURENDRANATH PIMPUTKAR
Filing Date	:NA	5)ABHIJIT ANIL BHOSALE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved method and apparatus are provided for recovery of high quality ethanol. Substantial energy savings are realized by utilizing a pair of analyzer columns in which overhead vapours from columns operating at a higher pressure supply the heat required for.column operating at a lower pressure. The fermented wash is split into two portions of unequal size, the larger portion supplied to the higher pressure analyzer column and the smaller portion to the lower pressure analyzer column to achieve efficient primary distillation of ethanol followed by a series of distillation steps including dehydration leading to high quality ethanol products.

No. of Pages : 31 No. of Claims : 35

(21) Application No.3576/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : REMOTE ACCESS LOCKING SYSTEM FOR REMOTELY HOSTED 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 	G06F21/00 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)MAKARAND KARANJKAR Address of Applicant :PRABHAKAR, PLOT NO. 603, SECTOR 25, PRADHIKARAN, NIGDI, PUNE 411 044, MAHARASHTRA,INDIA (72)Name of Inventor : 1)MAKARAND KARANJKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a remote access locking system for remotely hosted applications and a method for locking a user for accessing the remotely hosted applications from remote location. The system and method of the present invention provide access to authorized users to a remote server from locations to which they are locked and minimizes leakage of data due to remote access from location outside of the locked location.

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

(21) Application No.3577/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : VERTICAL PULL TYPE HANDLE ASSEMBLY FOR THE VEHICLE

Filing Date:NA2)RAVINDER BERWAL(87) International Publication No: NA3)ALOK GUPTA(61) Patent of Addition to Application Number:NAFiling Date(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	E05B65/12 :NA :NA :NA :NA : NA :NA :NA :NA :NA	
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(57) Abstract :

The present invention provides a vertically mounted handle assembly that is easy to operate. The handle assembly includes a bracket, a cap, a gripper, an actuator, and a stopper. The vertically mounted handle assembly of the present invention provides a pivot point of a gripper that lies on a side of a locking assembly thereby providing convenience to the user for operating the handle.

No. of Pages : 10 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :21/12/2012

(21) Application No.3579/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : NOVEL EXPRESSION SYSTEM FOR THE EXPRESSION AND PURIFICATION OF RECOMBINANT PEPTIDES/PROTEINS AND PRODUCTION OF HUMAN PARATHYROID HORMONE (RHPTH) (1-34) USING THE SAID SYSTEM THEREOF.

(51) Intermetional algoritization	:C07K14/62,	(71)Name of Applicant :
(51) International classification	C12N15/09	1)ENZENE BIOSCIENCES LTD
(31) Priority Document No	:NA	Address of Applicant :101, IIIRD PHASE, PEENYA
(32) Priority Date	:NA	INDUSTRIAL AREA, BANGALORE - 560 058 Karnataka India
(33) Name of priority country	:NA	2)ALKEM LABORATORIES LTD
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHANDRASHEKARAN SIDDAMADAPPA
(87) International Publication No	: NA	2)HEMALATHA VENKAT
(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 for fusion tags of 20 to 50 amino acids having a sequence as given in Figure 1, fusion tags sharing homology with these fusion tags, or hybrid fusion tags comprising sequences of Figure 1. The invention further provides an expression vector system comprising a fusion tag of the invention, and a process of obtaining recombinant human parathyroid hormone by using the fusion tags and the expression vector system of the invention.

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

(21) Application No.660/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : FRYING METHOD AND 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 	:A47J37/12,A47J36/38 :1016822.7 :06/10/2010 :U.K. :PCT/EP2011/067433 :06/10/2011 :WO 2012/045800 :NA :NA :NA	 (71)Name of Applicant : 1)FRITO LAY TRADING COMPANY GMBH Address of Applicant :Spitalgasse 2 CH 3011 Berne Switzerland (72)Name of Inventor : 1)KHAN Ahmed Nadim 2)JOHNSON Keith Robert 3)VANDECASTEELE Nico
Filing Date	:NA	

(57) Abstract :

An apparatus for frying foodstuffs the apparatus comprising a fryer (2) having inlet (4) and outlet (6) longitudinal ends an oil recirculating system coupled to the fryer a heat exchanger (10) for heating the oil in the oil recirculating system a hood (24) above the fryer (2) for collecting steam generated during the frying process a conduit (32) for conveying steam from the hood (24) and a compressor (44) for compressing the steam the compressor (44) having an input connected to the conduit (32) and an output for compressed steam connected to the heat exchanger (10).

No. of Pages : 25 No. of Claims : 66

(21) Application No.708/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PAINT SUPPLYING PAIL WITH WIND DIRECTION DEFLECTOR AND QUICK OPEN CLOSE STRUCTURE

(51) International classification	n:B05C11/11,B05B9/04,B65D83/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)YANG Li Chin
(32) Priority Date	:NA	Address of Applicant :No. 68 Renyi Rd. Wufong Township
(33) Name of priority country	:NA	Taichung County Taiwan 413 China
 (86) International Application No Filing Date (87) International Publication 	:PCT/CN2011/070289 :14/01/2011	(72)Name of Inventor : 1)YANG Li Chin
No	:WO 2012/094828	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Disclosed is a paint supplying pail with a wind direction deflector and a quick open close structure. The paint supplying pail comprises a paint supplying pail body (10) a paint supplying pail cover (20) a quickly detachable rod (30) a fastening member (40) and a deflecting block (70). The paint supplying pail body is provided with at least one protruding pole (11) and covered by the paint supplying pail cover which is provided outwardly with a vertical pole (21). The quickly detachable rod is rotatably sleeved on the vertical pole and the fastening member is anti rotatably sleeved on the vertical pole and is overlapped on the quickly detachable rod. The quickly detachable rod and the fastening member each comprises a sloping top surface (31 42) contacting with each other. The fastening member comprises at least one transverse groove (41) which moves transversely to sleeve on the protruding pole. The deflecting block is wedged into an air deflecting pipe (25) of the paint supplying pail cover perforated downwardly from the top to have a non through venting passage (71) and further perforated from the bottom of the venting passage towards two opposite sides in the lateral direction to have two air holes (72) which are communicated with the interior of the paint supplying pail body. The supplied high pressure air is able to form a pressure clump inside the paint supplying pail body near the paint supplying pail cover thereby avoiding the paint from spattering on the paint supplying pail cover. Therefore formed is a paint supplying pail with a wind direction deflector and a quick open close structure satisfying the demand of users.

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

(21) Application No.3250/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PROCESS OF POLYMERIZATION OF PROPYLENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (20) Name of priority is priority of the second sec	C08F2/04, C08F10/06 :NA :NA :NA	IV, 222, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA,INDIA (72) Name of Inventor :
 (86) International Application No Filing Date (87) International Public dia Number of State 	:NA :NA	1)THAKARE YOGESHWAR NARAYANRAO 2)GUPTA VIRENDRAKUMAR
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present disclosure provides a ziegler-natta pro-catalyst composition for the polymerization of propylene to produce polypropylene with reduced polymer-fines.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :12/04/2013

(21) Application No.728/MUMNP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : MOBILE TERMINAL AND SERVICE PROCESSING METHOD THEREOF AND BASEBAND PROCESSING CHIP

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:H04W68/00 :NA :NA :PCT/CN2011/078341 :12/08/2011 :WO 2013/023342 :NA :NA	 (71)Name of Applicant : 1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO. LTD. Address of Applicant :Spreadtrum Center Building No.1 Lane 2288 Zuchongzhi Road Zhangjiang High tech Park Pudongxinqu District Shanghai 201203 China (72)Name of Inventor : 1)ZHANG Zhi 2)LIU Jiwu 3)CHEN Xianliang 4)XU Yuan 5)GAO Xichun 6)LU Wenbo
(62) Divisional to Application Number Filing Date	:NA :NA	6)LU Wenbo 7)SHI Yanshan 8)ZHANG Ma
		9)HU Yingping

(57) Abstract :

Disclosed are a mobile terminal and a service processing thereof and a baseband processing chip. The service processing method of the mobile terminal comprises: in response to that a first subscriber identity module card in an online state needs to process a highly real time service identifying whether PS domain data being received or sent in a currently processed PS domain service of a second subscriber identity module card is key data for maintaining the quality of the PS domain service the highly real time service being beyond the real time requirement of the PS domain service and the first subscriber identity module card and the second subscriber identity module card belonging among multiple subscriber identity module cards inserted in the same mobile terminal; in response to that the PS data being received or sent is non key data suspending processing of the PS domain service and processing the highly real time service. The embodiments of the present invention enable the multi card multi standby mobile terminal based on the single radio frequency single baseband scheme to process highly real time services on other subscriber identity module cards while processing the PS domain service on one of the subscriber identity module cards.

No. of Pages : 55 No. of Claims : 31

(21) Application No.729/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : LED VEHICLE HEADLAMP (51) International classification :F21S8/12,F21V7/00,F21V17/00 (71)Name of Applicant : (31) Priority Document No :A 1715/2010 1)ZIZALA LICHTSYSTEME GMBH (32) Priority Date :14/10/2010 Address of Applicant :Scheibbser Strae 17 A 3250 Wieselburg (33) Name of priority country :Austria Austria (86) International Application No:PCT/AT2011/000315 (72)Name of Inventor : Filing Date :27/07/2011 1) JACKL Christian (87) International Publication No: WO 2012/048351 2)KRENN Irmgard (61) Patent of Addition to **3)LAHNER Markus** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a vehicle headlamp (1) comprising a first reflector arrangement which has at least one stationary reflector (2) a second reflector arrangement which has at least one reflector (3) that can be adjusted relative to the at least one stationary reflector (2) of the first reflector arrangement at least two light sources (8 9) wherein at least one of the light sources (16 17) is associated with each of the reflectors (2 3) and wherein each light source (16 17) has at least one light emitting diode and a mounting body (4) for fastening the at least one stationary reflector (2) and the at least two light sources (16 17) wherein the mounting body (4) comprises a main mounting body (5) on which the at least one stationary reflector (2) is mounted in a stationary manner and an exchangeable mounting body (6) to which the at least two light sources (16 17) are fastened and wherein the at least one adjustable reflector (3) is arranged on the same side of the main mounting body (5) as the at least one stationary reflector (2) and can be adjusted relative to the at least one stationary reflector (2) and wherein the main mounting body (5) has a passage opening (19) for inserting a light source carrying element (12) from the side facing away from the reflectors (2 3) wherein the light source carrying element (12) is connected to the exchangeable mounting body (6) and carries the at least two light sources (16 17) and wherein the exchangeable mounting body (6) can be detachably fastened to the main mounting body (5) and wherein referencing and/or positioning elements (11 11) are provided on the exchangeable mounting body (6) and on the main mounting body (5) in order to fasten the two bodies (5 6) to each other in a positionally accurate manner.

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

(21) Application No.169/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : OIL PAN INNER TANK VALVE 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 	:F01M11/00 :2010206700 :15/09/2010 :Japan :PCT/IB2011/002311 :09/09/2011	 (71)Name of Applicant : 1)PACIFIC INDUSTRIAL CO. LTD. Address of Applicant :100 Kyutoku cho Ogaki shi Gifu ken 503 8603 Japan 2)TOYOTA JIDOSHA KABUSHIKI KAISHA 3)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (72)Name of Inventor : 1)INOUE Tomonari 2)OKUDA Tsutomu 3)TAGA Yoshifumi 4)SATO Hiroyuki 5)YOSHIJIMA Kazuya 6)KONNO Atsushi
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(57) Abstract :

In an oil pan inner tank valve structure a disc shaped float valve (50) is arranged below a valve port (34) that provides fluid communication between the inside and outside of a bottom wall (20U) of an inner tank (20) and a lower cover (40) is arranged below the float valve (50). In addition a center recess (52) is depressed at a lower surface center of the float valve (50) and a lateral movement restricting pin (43P) is upright from the lower cover (40) and is constantly engaged with the center recess (52) by recess/protrusion engagement. The lower cover (40) restricts a vertically movable range of the float valve (50). In addition the lateral movement restricting pin (43P) restricts lateral movement of the float valve (50) so that a top portion of an upper surface bulged portion (51) vertically constantly faces an area inside a valve seat (33).

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

(21) Application No.3240/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PHARMACEUTICAL COCRYSTALS OF NABUMETONE

(51) International classification	:A61K31/00, A61k 9/00	(71)Name of Applicant : 1)ARVIND RAMBHAU SONAWANE
(31) Priority Document No	:NA	Address of Applicant :C/O: APPARAO G. DANDEKAR, N-9
(32) Priority Date	:NA	K, 50/4, PAVAN NAGAR, HUDCO, AURANGABAD 431005,
(33) Name of priority country	:NA	MAHARASHTRA,INDIA
(86) International Application No	:NA	2)SWATI SHAILNEDRA RAWAT
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARVIND RAMBHAU SONAWANE
(61) Patent of Addition to Application Number	:NA	2)SWATI SHAILNEDRA RAWAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides cocrystals of Nabumetone, processes for their prepration and their use for the management of inflammation in arthritis and tissue injury.

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

(21) Application No.682/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ORGANIC FERTILIZER AND METHOD OF ITS PRODUCTION

(51) International classification(31) Priority Document No(32) Priority Date	:C05F7/00,C05F17/00,C02F3/30 :PV 2010778 :26/10/2010	1)MANETECH, A.S. Address of Applicant :U KANALKY 1359/4, 120 00 PRAHA
(33) Name of priority country	:Czech Republic	2, Czech Republic
(86) International Application N		(72)Name of Inventor :
Filing Date	:17/10/2011	1)SCHULMANN Jan
(87) International Publication No.	o :WO 2012/055379	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number Filing Date	:NA	

(57) Abstract :

Organic fertilizer produced through composting natural lignocellulose material and liquid wastes especially from livestock production which has a content of minimum 35% dry matter minimum 25 weight % of organic material minimum 20 weight % of humus and minimum 1 5 weight % of nitrogen. The organic fertilizer is produced by spraying sorbent material with waste water that is livestock waste water or food industry waste water or water cleaning plant sludges. The waste water contains a minimum of 20% weight of livestock waste water which is homogenized with agent which consists of materials based on starch derivates or cellulose derivates which increase thixotrophy and surface tension of this waste water and separators which prevent creation of clusters and increase solubility of starch or cellulose derivates. Sorbent material with waste water is mixed aerated and decomposed by aerobic bacterial activity in at least four cycles.

No. of Pages : 14 No. of Claims : 6

(21) Application No.734/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEMS METHODS APPARATUS AND COMPUTER READABLE MEDIA FOR ORIENTATION SENSITIVE RECORDING CONTROL

(57) Abstract :

Systems methods apparatus and machine readable media for orientation sensitive selection and/or preservation of a recording direction using a multi microphone setup are described.

No. of Pages : 66 No. of Claims : 43

(21) Application No.735/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPRESSOR SEAL 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 	:F04C29/00,F04C18/02,F04C2/02 :61/407781 :28/10/2010 :U.S.A. :PCT/US2011/058128 :27/10/2011 :WO 2012/058455 :NA :NA :NA	 (71)Name of Applicant : 1)EMERSON CLIMATE TECHNOLOGIES INC. Address of Applicant :1675 W. Campbell Road Sidney Ohio 45365 0669 U.S.A. (72)Name of Inventor : 1)MONNIER Kenneth J. 2)PAX Dennis D. 3)DOEPKER Roy J.

(57) Abstract :

A compressor may include a shell first and second scroll members and a seal assembly. The shell defines a first and second pressure regions. The first scroll member may include a first end plate defining a chamber. The seal assembly may surround the discharge passage and fluidly separate the first and second pressure regions from each other. The seal assembly may include first and second sealing members. The first sealing member may prevent communication between the chamber and the second pressure region when a first fluid pressure within the second pressure region is higher than a second fluid pressure within the chamber. The first sealing member may define a leakage path when the first fluid pressure is lower than the second fluid pressure. The second sealing member may fluidly separate the chamber and the second pressure region when the first fluid pressure is lower than the second fluid pressure.

No. of Pages : 30 No. of Claims : 20

(21) Application No.3528/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMPROVED LOOP SEAL FOR A FLUIDIZED BED REACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01J8/26, B01J8/38, F22B31/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)THERMAX LIMITED Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE - 411 019, MAHARASHTRA,INDIA (72)Name of Inventor : 1)GUPTA DEVKUMAR 2)MITRA CHAITANYA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (100) for recycling solids in a fluidized bed reactor is disclosed. The apparatus (100) comprises a loop pipe (105) which extends vertically into a chamber (104) to provide solid particulate matter separated from flue gases/syngas. A discharge outlet (108) is provided on the operative side wall of the chamber (104). The solid matter is fluidized in the chamber (104) by a fluid received through a plenum (101) via a distributor plate (116) having a plurality of openings which are more concentrated near the discharge section. The loop pipe (105) is positioned eccentrically, distant from the discharge outlet (108) and is adapted to hold at least a portion of the solid matter. The apparatus (100) controls the solid discharge rate, eliminates the need for a separate plenum for the receiving and discharging sections, and provides positive sealing between the fluidized bed and the apparatus.

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

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.3529/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : CADMIUM SULFIDE IN GERMANIUM DIOXIDE BASED GLASS NANOCOMPOSITE

(51) International classification:B82Y30/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) 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:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET) Address of Applicant :PANCHAWATI, OFF PASHAN ROAD, PUNE - 411 008, MAHARASHTRA,INDIA 2)SECRETARY, DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY (DEITY) (72)Name of Inventor : 1)APTE SANJAY K 2)KALE BHARAT B 3)GARAJE SUNIL N 4)KULKARNI MILIND V. 5)SONAWANE RAVINDRA S. 6)NAIK SONALI D. 7)AMBEKAR JALINDAR D. 8)RAMARAJU GADIRAJU. V. 9)CHAND RAMESH
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(57) Abstract :

A orthorhombic CdS quantum dots in germanium dioxide based glass nanocomposite is disclosed. The glass nanocomposite comprises 50 to 60% germanium dioxide (GeO2) 8 to 16% potassium oxide (K2O), 10 to 12% zinc oxide (ZnO), 3 to 6% sodium oxide (Na2O), 4to 8% aluminium oxide (A12O3), 4 to 6% boron trioxide (B2O3), 1 to 2% titanium dioxide (TiO2), and 0.7 to 2% cadmium sulfide (CdS), wherein homogenously distributed CdS quantum dots having an orthorhombic lattice phase and size in the range of 4 to 14 nm are obtained in a glass matrix by heating the glass composition for 12 to 30 hours at a temperature between 450 and 475 °C. The glass nanocomposite is particularly suitable for use as a photocatalyst in the photo-production of H2 gas from H2S in the presence of visible light.

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

(21) Application No.743/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD OF MEASURING A CAPACITANCE AND A USE

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:G01N27/22,G01R27/26 :10511434 :01/11/2010 :Sweden :PCT/SE2011/000192 :31/10/2011 :WO 2012/060758 :NA :NA :NA	 (71)Name of Applicant : 1)CAPSENZE HB Address of Applicant : Annebergs Grd 5520 S 260 21 Billeberga Sweden (72)Name of Inventor : 1)HEDSTR-M Martin 2)ERLANDSSON Dag 3)MATTIASSON Bo 4)LARSSON Joakim
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(57) Abstract :

The invention relates to a method of measuring a capacitance of a sensor with a capacitance (C). The sensor has a working electrode that is coated by an insulating layer and a ligand forming an affinity surface. The method involves the steps of bringing the electrode into contact with an analyte supplying a constant first current (li) and a constant second current (l2) of opposite direction to the first current (li) and a constant third current (l3) of same direction as the first current (li) during determined time periods to the sensor. Further the method include sampling the potential (V) built up across the sensor and calculating the capacitance of the sensor by means of the inclination (B D F H) of a potential curve received in response to the current supply. Also the invention relates to a use of a method for detection of an interaction between a ligand and an analyte.

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

(21) Application No.744/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD USING VISUAL INDICIA FOR GOLF INSTRUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:11/10/2011 :WO 2012/051162 :NA :NA :NA	 (71)Name of Applicant : 1)SNAG INC. Address of Applicant :14843 Highway 10 Tallequah OK 74464 U.S.A. (72)Name of Inventor : 1)ANTON Terrence P.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for using visual indicia for teaching a student proper alignment and club selection for each of a plurality of different positions of a ball for a golf type game in which the ball is struck with a club toward a target. The method includes positioning sets of markers at different distances from the target wherein each distance is chosen to represent a particular type of stroke to be made with a club. Other markers are positioned on the putting green to represent a landing spot for a ball struck from a location off of the putting green. Thereafter directional arrows are positioned along a preferential path for a ball to travel in order to reach the target. The student is aligned with the markers and arrows to create a visual reference to associate with the striking of the ball.

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

(21) Application No.1872/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(54) Title of the invention : ON AND OFF TUBE WEIGHT FOR DRIP IRRIGATION

(43) Publication Date : 27/06/2014

(51) International classification	:A01G25/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAIN IRRIGATION SYSTEMS LIMITED
(32) Priority Date	:NA	Address of Applicant : JAIN PLASTIC PARK, NH NO. 6,
(33) Name of priority country	:NA	BAMBHORI, JALGAON-425001 MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NARINDER GUPTA
(87) International Publication No	:N/A	2)NARENDRA PATIL
(61) Patent of Addition to Application Number	:NA	3)DOUGLAS WAYNE BURT
Filing Date	:NA	4)AJIT B. JAIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes a device for controlling discharge by a conduit. The device comprises a body, a mouth or a first portion attached to the body and a needle or a second portion attached to the body. The mouth and the needle are coaxial. The mouth receives an end portion of the conduit, such that when received, an internal surface of the mouth is in contact with an external portion of the conduit. The needle is arranged to be inserted into the received end portion of the conduit, such that an external surface of the needle is in contact with an internal surface of the end portion of the conduit. By this way, the end portion of the conduit is disposed between the internal surface of the mouth and the external surface of the needle, thereby providing to reduce the discharge area of the conduit and control discharge of the conduit.

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

(21) Application No.3384/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITION FOR THICKENING AGENT FOR TEXTILE PRINTING :D06P1/613, (71)Name of Applicant : (51) International classification C09D7/00 1) ENCORE NATURAL POLYMERS PRIVATE LIMITED, (31) Priority Document No :NA Address of Applicant :227/233 GIDC ESTATE NARODA (32) Priority Date :NA AHMEDABAD - 382330, GUJARAT, INDIA (33) Name of priority country :NA (72)Name of Inventor : **1)MERCHANT SUDHIR** (86) International Application No :NA Filing Date :NA 2) JOSHI BHARAT (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 hydroxyethyl ether of tamarind gum (HET) having lower molar substitution and to its use in textile printing. Tamarind seed polysaccharide is the major constituent of seeds from the tree Tamarinds indica. Tamarind kernel powder (TKP) is a rich source of xyloglucan gum. The chemical structure of the tamarind seed xyloglucan backbone is (1, 4)-P-D-glucose and is partially substituted with (1, 6)-a-xylopyranose. In addition, some xylose residue is further substituted with (-galactose (Hirun et al., 2010; Shirakawa et al., 1998). The hydroxyethyl ether of tamarind (HET) has been synthesized by reacting tamarind kernel powder (TKP) with ethylene oxide (EO) in the presence of sodium hydroxide. This new material showed significant improves the properties compared to parent polysaccharide such as increased its solubility in cold water, stability and shear thinning behavior. The material thus developed was studied for its suitability as excellent thickeners for various dyes like acid, metal complex etc. and printing on wool, silk, nilon, Prints by HET are of higher color strength, good leveling and washing properties. Thus this new nonionic derivative (HET) used extensively as thickener in textile printing as a replacement for starches, cellulose, galactomannans and it derivatives.

No. of Pages : 19 No. of Claims : 9

(21) Application No.762/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : WIRE CONTAINMENT STRUCTURE INCLUDING CONTAINER AND BAG

(51) International classification(31) Priority Document No(32) Priority Date	:B65D85/04 :12/909230 :21/10/2010	 (71)Name of Applicant : 1)LINCOLN GLOBAL INC. Address of Applicant :17721 Railroad St. City of Industry CA
(33) Name of priority country	:U.S.A.	91748 U.S.A.
(86) International Application No	:PCT/IB2011/002332	(72)Name of Inventor :
Filing Date	:05/10/2011	1)CARROSCIA Michael A.
(87) International Publication No	:WO 2012/052814	2)RAJAN Vaidyanath Bharata
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wire containment structure (10) includes a container (14) and a bag (12). The container (14) includes a sidewall (26) that at least partially defines a container re¬ ceptacle (30). The sidewall (26) defines a first handle aperture (40) and a second handle aperture (42). The bag (12) is configured to entirely support a wire stack (36). The bag (12) is disposed at least partially within the container receptacle (30) and comprises a body (18) a first handle (20) and a second handle (22). The body (18) defines a wire receptacle (24). The first handle (20) is coupled with the body (18) and is routed through the first handle aperture (40). The second handle (22) is coupled with the body (18) and is routed through the first handle aperture (40). The second handle (22) is coupled with the body (18) and is routed through the first handle aperture (40). The second handle (22) is coupled with the body (18) and is routed through the first handle aperture (42).

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

(21) Application No.661/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS FOR AND METHOD OF HEATING AN OPERATING FLUID

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:1016822.7 :06/10/2010 :U.K.	 (71)Name of Applicant : 1)FRITO LAY TRADING COMPANY GMBH Address of Applicant :Spitalgasse 2 CH 3011 Berne Switzerland
(86) International Application No Filing Date	:PCT/EP2011/067432 :06/10/2011	(72)Name of Inventor : 1)KHAN Ahmed Nadim
(87) International Publication No	:WO 2012/045799	2)JOHNSON Keith Robert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)VANDECASTEELE Nico
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus for heating an operating fluid the apparatus comprising a closed circuit (18) for a working fluid the closed circuit (18) having first (10) and second (20) heat exchangers and a compressor (22) therebetween the first heat exchanger (10) having a heat input side (34) for connection to an external fluid heat source and a heat output side (24) for vaporising working fluid within the closed circuit the compressor (22) being a vapour compressor adapted to compress the vaporised gaseous working fluid from the first heat exchanger (10) to form a higher pressure gaseous working fluid and the second heat exchanger (20) having a heat input side (26) for receiving and condensing the higher pressure gaseous working fluid from the compressor and a heat output side (30) for heating an external operating fluid. A corresponding method is also disclosed.

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

(21) Application No.764/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRACEABILITY CORRECTIVE ACTION AND CERTIFICATION PROCESSES FOR CONSTRUCTED WELDING MATERIAL PACKAGES

(51) International classification	:G06Q10/08	(71)Name of Applicant :
(31) Priority Document No	:12/913299	1)LINCOLN GLOBAL INC.
(32) Priority Date	:27/10/2010	Address of Applicant :17721 Railroad St. City of Industry CA
(33) Name of priority country	:U.S.A.	91748 U.S.A.
(86) International Application No	:PCT/IB2011/003208	(72)Name of Inventor :
Filing Date	:27/10/2011	1)AGOSTI Christopher David
(87) International Publication No	:WO 2012/056328	2)COOPER William Dimmett
(61) Patent of Addition to Application	:NA	3)RAJAN Vaidyanath Bharata
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods of testing and certifying a package for transport to a customer and use by a customer and of correcting packaging failures due to transport and use in the field. A package such as for example a bulk composite constructed package for shipping welding material product is tested according to a selected testing protocol. The test results are analyzed and packaging attributes of the package are transformed based on the analyzed test results if the tested package fails any aspect of the testing protocol. Packaging attributes that may be transformed include packaging component design packaging markings packaging handling instructions packaging component manufacturing procedures packaging component testing procedures and packaging assembly procedures. Once the package passes all aspects of the testing protocol customer certification documentation is generated.

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

(21) Application No.765/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM AND METHOD FOR WELDER WITH HELP REQUEST FUNCTIONALITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12/915315 :29/10/2010 :U.S.A. :PCT/IB2011/002568 :31/10/2011 :WO 2012/056309 :NA :NA	 (71)Name of Applicant : 1)LINCOLN GLOBAL INC. Address of Applicant :17721 Railroad Street City of Industry CA 91748 U.S.A. (72)Name of Inventor : 1)CHANTRY Bruce John
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A welder (110 510) includes a network interface configured to connect to a network. The welder includes a user interface (330 530) that indicates to a user entities (120 220) to whom help requests may be sent and receives from the user a selection of an entity to whom to send a help request. A data store (340 540) stores welder data (344) and entity data (342). The welder data includes welder identification and location information and the entity data correlates entities to respective communication modes. The welder includes a communication logic (350 550) that receives signals from the user inter face indicating the selection and receives from the data store the welder data and the entity data. The communication logic also generates the help request in at least one format corresponding and directed to a communication mode correlated to the selected entity. The welder further includes a processor (360 560) that causes the network interface to transmit the help request in the network.

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

(21) Application No.716/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUTOMATIC NECLEIC ACID PURIFICATION APPARATUS AND METHOD FOR AEROSOL PROTECTING

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12M1/34,C12N15/10,C12Q1/68 :1020100114970 :18/11/2010 :Republic of Korea :PCT/KR2011/008845 :18/11/2011 :WO 2012/067465 :NA :NA	 (71)Name of Applicant : 1)BIONEER CORPORATION Address of Applicant :49 3 Munpyeong dong Daedeok gu Daejeon 306 220 Republic of Korea (72)Name of Inventor : 1)PARK Han Oh 2)JEONG Byung Rae 3)KIM Kwon Sic
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is an automatic nucleic acid purification apparatus which can prevent pollution due to aerosol generated from a biological sample containing high concentration target nucleic acid when the biological sample containing the high concentration target nucleic acid. Further disclosed is an automatic nucleic acid purification apparatus which can be applied to all kinds of nucleic acid purification equipments for purifying a plurality of biological samples using a magnet rode or a multi pipette block moving in two or three axial directions and which can minimize pollution due to the aerosol generated from the biological sample containing high concentration target nucleic acid purification apparatus which can be applied to all kinds of nucleic acid purification equipments for purifying a plurality of biological samples using a magnet rode or a multi pipette block moving in two or three axial directions and which can minimize pollution due to the aerosol generated from the biological sample containing high concentration target nucleic acid and also can obtain accurate results.

No. of Pages : 61 No. of Claims : 21

(21) Application No.767/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHODS OF AND SYSTEM FOR REDUCING SPATTER IN A PULSE ARC WELDING PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B23K9/09,B23K9/095,B23K9/10 :61/405895 :22/10/2010 :U.S.A. :PCT/IB2011/002532 :24/10/2011 :WO 2012/052839 :NA :NA	 (71)Name of Applicant : 1)LINCOLN GLOBAL INC. Address of Applicant :17721 Railroad Street City of Industry CA 91748 U.S.A. (72)Name of Inventor : 1)DANIEL Joseph A. 2)COLE Stephen R. 3)PETERS Stephen R.
	:NA :NA	

(57) Abstract :

An electric arc welder (100) and a method of performing a pulse welding process producing reduced spatter. The welder produces a current between an advancing electrode (E) and a workpiece (W). The welder includes a short detecting capability for detecting a short condition upon occurrence of a short circuit between the advancing electrode and the workpiece. The welder may also include a switching module in the welding circuit path of the welder having an electrical switch and a resistive path. Times of occurrence of short intervals can be tracked and a blanking signal can be generated based on the tracked short intervals to anticipate a next short interval in a next pulse period of the pulsed welding process. The blanking signal can be used to reduce a welding current in the welding circuit path by introducing additional resistance into the welding circuit path via the switching module (110) or by controlling a portion of a waveform of the welding process during the blanking interval.

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

(21) Application No.768/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : RECOMBINANT FLAVIVIRAL CONSTRUCTS AND USES THEREOF :C12P21/00,A61K39/12 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/384720 1)DCB USA LLC (32) Priority Date :21/09/2010 Address of Applicant :1007 North Organge Street Ninth Floor New Castle County Wilmington Delaware 19801 U.S.A. (33) Name of priority country :U.S.A. 2)NATIONAL DEFENSIVE MEDICAL CENTER (86) International Application No :PCT/US2011/052379 Filing Date :20/09/2011 (72)Name of Inventor : (87) International Publication No :WO 2012/040218 1)LIAO Ching Len 2)LIAO Jia Teh (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A recombinant viral construct for expressing an exogenous polypeptide in a cell and uses thereof are provided. The recombinant viral constructs are derived from Japanese encephalitis virus (JEV). The recombinant viral constructs encodes a fusion protein which includes an exogenous (i.e. non JEV) polypeptide and a JEV non structural protein 1 (JEV NS1) or a segment thereof. Particularly the exogenous polypeptide is inserted into the carboxyl terminus of the JEV NS1 and the production of the recombinant fusion protein does not affect viral replication. Upon infection a cell with such recombinant viral constructs JEV particles comprising limited multiplicative virions (LMV) may be produced. Each LMV comprises the as described JEV replicon. The JEV particles are useful in eliciting an immune response to the exogenous polypeptide in a host and thereby confer the host with protective immunization against the exogenous polypeptide.

No. of Pages : 54 No. of Claims : 23

(21) Application No.3332/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : KNEE REPLACEMENT PROSTHETIC		
 (51) International classification (31) Priority Document No (32) Priority Date (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)MEHTA KRISHNACHANDRA CHANDRASHANKER Address of Applicant :CHANDRAMANSH, 39 PUSHPAK BUNGLOWS, OPP. AMBALI VILLAGE, BEHIND SWAGAT PLAZA COMPLEX, ISKCON AMBALI ROAD, AHMEDABAD 380058 Gujarat India (72)Name of Inventor : 1)MEHTA KRISHNACHANDRA CHANDRASHANKER

(57) Abstract :

A knee replacement system for enabling natural knee movement in a leg comprising a prosthetic is provided. The prosthetic includes a tibial portion at least partially implantable on a resected surface of a tibia; a plate portion attached to the tibial portion and at least partially implantable in a meniscal space; wherein the plate portion comprises a top surface having a medial recess and a lateral recess and a bottom surface attached to a top surface of the tibial portion wherein the tibial portion and the plate portion are one piece, wherein a medial side surface, a lateral side surface a posterior side surface and an anterior side surface are attached to at least a portion of the top surface and at least a portion of the bottom surface and defining a medial side edge, a lateral side edge, a posterior side edge and an anterior side edge respectively, where in at least a portion of one of the medial side edge, lateral side edge, posterior side edge, and anterior side edge is oblique.

No. of Pages : 48 No. of Claims : 15

(21) Application No.3555/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A HIGHLY COMPACT, HYPER-MOBILE, COMPOSITE FULLY AUTOMATED MULTY-BIN BATCHING UNIT WITH DIRECT DIESEL ENGINE DRIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	F02B31/02 :NA :NA :NA :NA	Address of Applicant :C/O MR.J.D.APTE, BUNGALOW NO. 19, VAIKUNTH BUNGALOWS, SINDHI SOCIETY, NEAR VIVEKANAND POLYTECHNIC, CHEMBUR, MUMBAI- 400071. Maharashtra India
Filing Date (87) International Publication No	:NA : NA	2)ANAND ARUN GOKHALE (72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA :NA	1)AMIT ARUN GOKHALE 2)ANAND ADUN COKHALE
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)ANAND ARUN GOKHALE

(57) Abstract :

The present invention ,The said highly compact, Hyper-mobile, Composite Fully Automated Multy-bin batching unit with Direct Diesel Engine Drive represents a unique self sufficient device to batch all the ingredients of concrete on weight basis with respect to the required mix designs. It does not require any external source of power & combines the advantages & eliminates the disadvantages of the positive and negative weighing systems, thereby imparting huge economic advantage in capital & running cost. It is highly compact in size with very low connected load which makes it HYPER-MOBILE as it can be mounted on a single rigid commercial Truck Chassis & can be shifted from one place to another even on daily basis.

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

(21) Application No.3558/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : NUTRITION TREATMENT		
 (54) The of the invention : NOTRETION TREATS (51) International classification (31) Priority Document No (32) Priority Date (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. KAVITA MANGESH BHAKARE Address of Applicant :C WING 801, ROCK AVENUE PLOT E CHS LTD. OPP ICICI BANK, HINDUSTAN NAKA, KANDIVALI WEST MUMBAI - 400067 Maharashtra India (72)Name of Inventor : 1)DR. KAVITA MANGESH BHAKARE

(57) Abstract :

In accordance with an aspect of the present invention, a process for nutrition treatment on human skin is provided. The process includes cleaning of a face of a client by application of a cleanser and performing a caecum suction of the face of the client to improve lumphatic. The process also includes doing iontophorosis by using galvanic machine and executing iontophorosis by using niacinamide cream on the face of the client. The process further includes applying a mask on the face of the client wherein the mask is a settle mask and removing the mask from the face of the client after a fixed time. The process then includes applying a sunscreen lotion for a fixed time and washing the face of the client.

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

(21) Application No.851/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : FORCE SENSING TOUCH SCREEN (51) International classification :G06F3/041 (71)Name of Applicant : :12/939078 (31) Priority Document No **1)QUALCOMM Incorporated** (32) Priority Date :03/11/2010 Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/059064 (72)Name of Inventor : Filing Date :03/11/2011 **1)MOMEYER Brian** (87) International Publication No :WO 2012/061554 2)BECKWITH Kevin M. (61) Patent of Addition to Application 3)NELSON Hui Ya L. :NA Number 4)SCHEVCIW Andre Gustavo P. :NA Filing Date **5)OLIVEIRA Louis Dominic** (62) Divisional to Application Number :NA 6)HEIMBIGNER Wade L. Filing Date :NA 7)FORUTANPOUR Babak

(57) Abstract :

A computing device includes a touch screen display with a plurality of force sensors each of which provides a signal in response to contact with the touch screen display. Using force signals from the plurality of force sensors a characteristic of the contact is determined such as the magnitude of the force the centroid of force and the shear force. The characteristic of the contact is used to select a command which is processed to control the computing device. For example the command may be related to manipulating data displayed on the touch screen display e.g. by adjusting the scroll speed or the quantity of data selected in response to the magnitude of force or related to an operation of an application on the computing device such as selecting different focal ranges producing an alarm or adjusting the volume of a speaker in response to the magnitude of force.

No. of Pages : 42 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :17/12/2012

(21) Application No.3544/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : DIGITAL VIDEO COMPRESSION ALGORITHM USING HYBRID TRANSFOMATION.

(51) International classification	:H04N7/26, H04N1/41	(71)Name of Applicant : 1)DHAVAL RAMNIKLAL BHOJANI
(31) Priority Document No	:NA	Address of Applicant :BB-6, ALAP GREEN CITY, RAIYA
(32) Priority Date	:NA	ROAD, RAJKOT, - 360 007. Gujarat India
(33) Name of priority country	:NA	2)VED VYAS DWIVEDI
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHAVAL RAMNIKLAL BHOJANI
(87) International Publication No	: NA	2)VED VYAS DWIVEDI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The solution to the problem of getting higher compression ratio for digital videos with less computational complexity can be solved with the use of the invention described herein, i.e. by using triple transformation rather than using only DCT for the motion compensated video frames. Here the invention addresses towards the use of SVD, DWT and DCT transformations for the motion compensated video frames. First of all the truncated SVD is applied to the motion compensated video frames, which reduces the size of the frame. The truncated SVD means that SVD of the frame is taken and then higher ranked co-efficient of S matrix of frame are replaced with zeros and then using modified S matrix and same U and V matrices inverse SVD is computed to recover frame. Second step is to have DWT of whole frame to convert it into low resolution equivalent frame, which decomposes the frame in four components LL, LH, HL and HH. Out of these only LL component is taken for the further process. Next step is to take DCT of LL component block wise. The co-efficient are quantized, zig-zag scanned and run-length coded to get final bit stream for the transmission of video frame. Then the bit stream is packed in the MPEG bit format and transmitted. At the receiver end exactly reverse process is performed to decode the bit stream received and recover the video from it. As we are not transmitting the LH, HL and HH components of frame they will be taken as zeros at receiver section.

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

(21) Application No.3545/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DIGITAL VIDEO WATERMARKING USING TRIPLE TRANSFORM (51) International classification :G06K9/00 (71)Name of Applicant : (31) Priority Document No :NA 1)ASHISH MAHENDRABHAI KOTHARI (32) Priority Date :NA Address of Applicant :SWAGATAM, 1-DWARKADHISH SOCIETY, B/H GOKULDHAM, RAJKOT, - 360 004. Gujarat (33) Name of priority country :NA (86) International Application No India :NA Filing Date 2)VED VYAS DWIVEDI :NA (87) International Publication No (72)Name of Inventor : : NA 1)ASHISH MAHENDRABHAI KOTHARI (61) Patent of Addition to Application Number :NA Filing Date :NA 2)VED VYAS DWIVEDI (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method for embedding one or more binary or grey scale messages in the compressed video. First of all video is converted into sequence of frames and then colorspace conversion is performed to each frame from RGB colorspace to YCbCr colorspace. Then Y component of each frame is selected for the embedding purpose and a forward Discrete Cosine Transform is applied. The transformed component undergoes a three level Discrete Wavelet Transform. Singular Value Decomposition is applied to the horizontal detail component of the third level transformed frame. The message also undergoes singular value decomposition. The singular values of the frame are modified according to the singular values ctf the. message.. The reverse scheme is applied at the receiving end to recover the possibly attacked video.

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

(21) Application No.761/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ENHANCED TRANSBUCCAL DRUG DELIVERY SYSTEM AND COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C229/12,A61K47/00 :61/386001 :24/09/2010 :U.S.A. :PCT/US2011/001645 :23/09/2011	 (71)Name of Applicant : 1)NEXMED HOLDINGS INC. Address of Applicant :11975 El Camino Real Suite 300 San Diego California 92130 U.S.A. 2)RUTGERS THE STATE UNIVERSITY OF NEW JERSEY
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/039775 :NA :NA :NA :NA	 (72)Name of Inventor : 1)DAMAJ Bassam B. 2)MARTIN Richard 3)MICHNIAK KOHN Bozena 4)HU Longsheng

(57) Abstract :

A buccal delivery system is disclosed suitable for delivery of a therapeutic agent to the oral cavity of a patient. The delivery system comprises a matrix for containing and releasing the therapeutic agent into the oral cavity and an alkyl N N disubstituted amino acetate in said matrix. A particularly preferred delivery system comprises a matrix containing an effective amount of therapeutic agent together with an alkyl N N disubstituted amino acetate such as dodecyl 2 (N N dimethylamino) propionate salt.

No. of Pages : 87 No. of Claims : 81

(21) Application No.861/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : ROLLER CONVEYOR CURVE COMPRISING ROUND DRIVE BELTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B65G13/071,B65G13/08,B65G39/12 :10 2011 104 190.0 :14/06/2011 :Germany :PCT/EP2012/002317 :31/05/2012 :WO 2012/171616	 (71)Name of Applicant : 1)INTERROLL HOLDING AG Address of Applicant :Via Gorelle 3 CH 6592 Sant Antonino Switzerland (72)Name of Inventor : 1)WOLTERS Thomas 2)DUDEK Siegmund
(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 curved roller conveyor (1) comprising a conveyor frame (10) and a plurality of conveyor rollers (20) that are rotatably mounted on the conveyor frame (10). Said curved conveyor (1) has a drive system (30) comprising a drive belt (31) with a round cross section and multiple conveyor rollers (20) rest on the drive belt (31) in a floating manner.

No. of Pages : 38 No. of Claims : 16

(21) Application No.351/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMBINATION OF HMG-COA REDUCTASE INHIBITORS WITH PHOSPHODIESTERASE 4 INHIBITORS FOR THE TREATMENTOF INFLAMMATORY PULMONARY DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A61K 31/44,A61K31/22 :06116625.2 :05/07/2006 :EPO :PCT/EP2007/056683 :03/07/2007 :WO2008/003701 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TAKEDA GMBH Address of Applicant :BYK-GULDEN-STR.2, 78467 KONSTANZ, GERMANY (72)Name of Inventor : 1)WOLLIN, STEFAN-LUTZ 2)WOHLSEN, ANDREA 3)BRAUN, CLEMENS 4)MARX, DEGENHARD
(62) Divisional to Application Number Filed on	:214/MUMNP/2009 :29/01/2009	

(57) Abstract :

The invention relates to the combined use of a PDE4 inhibitor with a HMG-CoA reductase inhibitor for the preventive and curative treatment of an inflammatory pulmonary disease.

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

(19) INDIA

(22) Date of filing of Application :13/12/2012

(21) Application No.3513/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR MODELING A CONSUMER-CENTRIC PLANOGRAM BASED ON LINEAR OR NONLINEAR SUBSTITUTION

Filing Date:NA2)AIRANI, RAJEEV(87) International Publication No: NA3)BHATTACHARYA, SOUMYA NARAYAN(61) Patent of Addition to Application Number:NA3)BHATTACHARYA, SOUMYA NARAYAN(62) Divisional to Application Number:NA	(61) Patent of Addition to Application Number Filing Date	H04M11/00, G09G5/00 :NA :NA :NA :NA :NA :NA :NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,INDIA (72)Name of Inventor : 1)MISHRA, PRADEEPTA KUMAR 2)AIRANI, RAJEEV
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(57) Abstract :

A system and method to enable modeling of consumer-centric planogram based on linear or non-linear substitution is disclosed. According to system and method of the present invention, consumer-centric purchase data is captured and analyzed to compute Competitive Substitution Index (CS1) for each of the competing products. The Invention enables performing linear/Non-linear substitution analysis on the computed CSI to generate a Hierarchical Tree Diagram illustrating grouping of closed competing products on the basis of CSI values. A planogram is designed on the basis of generated Hierarchical Tree Diagram, wherein each SKU can be substituted with the comparatively closed proximity SKU identified through the Hierarchical Tree Diagram irrespective of their difference in their dimensions.

No. of Pages : 30 No. of Claims : 11

(21) Application No.736/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : RAPID METHOD FOR TARGETED CELL (LINE) SELECTION

 (51) International classification (31) Priority Document 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/EP2011/005407 :27/10/2011 :WO 2012/055554	 (71)Name of Applicant : 1)LONZA BIOLOGICS PLC Address of Applicant :228 230 Bath Road Slough SL1 4DX U.K. (72)Name of Inventor : 1)OMALLEY Christopher J. 2)MARTIN Elaine B. 3)MONTAGUE Gary A. 4)OMALLEY Christopher J. 5)ROOT Tracy S. 6)TRIM Carol M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	6)TRIM Carol M. 7)POVEY Jane F. 8)SMALES Christopher M. 9)RACHER Andrew J.

(57) Abstract :

The present invention relates to a process for the prediction of cell culture performance data of sample cells a process for the isolation of said cells and a device for the prediction of cell culture perform \neg ance data of sample cells.

No. of Pages : 118 No. of Claims : 16

(21) Application No.738/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS AND METHOD FOR MEASURING INTRACRANIAL PRESSURE

(51) International classification	:A61B5/03	(71)Name of Applicant :
(31) Priority Document No	:61/391544	1)HEADSENSE MEDICAL LTD.
(32) Priority Date	:08/10/2010	Address of Applicant :4A Hagavish St. P.O. Box 8027 42101
(33) Name of priority country	:U.S.A.	Netanya Israel
(86) International Application No		(72)Name of Inventor :
Filing Date	:31/07/2011	1)WEINBERG Guy
(87) International Publication No	:WO 2012/046223	2)PAPYAN Surik
(61) Patent of Addition to Application Number	:NA	
	:NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA :NA	
	.117A	

(57) Abstract :

An apparatus for measuring intracranial pressure constituted of: a transmitter arranged to transmit a first acoustic signal through a first cranial point; a receiver arranged to receive a second acoustic signal from a second cranial point; and a control circuitry wherein the control circuitry is arranged to: extract from the detected second acoustic signal a first set of frequency components associated with the transmitted first acoustic signal; extract from the detected second acoustic signal a second set of frequency components associated with intracranial processes; and determine intracranial pressure responsive to the extracted first set of frequency components and the extracted second set of frequency components.

No. of Pages : 31 No. of Claims : 23

Lichtion i oblich

(21) Application No.892/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : MULTILINGUAL SIMULTANEOUS FILM DUBBING VIA SMARTPHONE AND AUDIO WATERMARKS

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:12/10/2010 :U.K. :PCT/EP2011/067839 :12/10/2011 :WO 2012/049223 :NA :NA :NA	 (71)Name of Applicant : 1)COMPASS INTERACTIVE LIMITED Address of Applicant :24 de Castro Street PO Box 3136 Wickhams Cay 1 VIRGIN ISLANDS (72)Name of Inventor : 1)PADRO RONDON Leyibet 2)PADRO Simon
Application Number Filing Date	:NA :NA	
(57) Alastina et a		

(57) Abstract :

Method and apparatus for providing alternative audio for combined video and audio content the method comprising: determining a current playback position of the combined video and audio content. Synchronising the alternative audio with the determined current playback position. Playing the alternative audio synchronised with the current playback position.

No. of Pages : 44 No. of Claims : 39

(21) Application No.3263/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : DOUBLE COMPRESSION CABLE GLAND WITH NOVEL CONSTRUCTION ESPECIALLY DESIGNED FOR UN-ARMORED AND/OR FLEXIBLE CABLES

(51) International classification	:A61F2/00, H02G3/06,H02G15/04	(71)Name of Applicant : 1)SIGMA INDUSTRIES
(31) Priority Document No	:NA	Address of Applicant :SPECIAL SHED NO. 15/2/A, G.I.D.C.
(32) Priority Date	:NA	- I, SHANKER TEKRI, JAMNAGAR - 361004, Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. HIMANSHU JOSHI
Filing Date	:NA	2)MR. SHAILESH MOLIYA
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a double compression cable gland with novel construction especially designed for un-armored cables with dual environmental seal arrangement and reduced number of separate parts to be assembled with the cable and electrical box housing; wherein the diameter of two environmental seals i.e. outer seal-1 and outer seal-2 are identical to each other that are complimentarily matching with the outer diameter of the sheath of the un-armored cable consequently providing the accurate gripping of the cable at dual positions on the cable correspondingly the position of the seals within the cable gland, undeniably fulfilling the purpose of the double compression, establishing the most efficient and reliable cable termination that is stronger enough to withstand with transitory shocks and other comprehensive forces as well as prevents the ingression of dust and moisture within the cable gland which may be encountered while operation.

No. of Pages : 15 No. of Claims : 4

(21) Application No.689/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : DEVICE FOR FILTERING A PLASTIC MELT

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B29C47/68 :20 2010 014 709.3 :25/10/2010 :Germany :PCT/EP2011/005351 :24/10/2011 :WO 2012/055528 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MAAG PUMP SYSTEMS GMBH Address of Applicant :OSTRING 19 D-63762 GROSSOSTHEIM GERMANY (72)Name of Inventor : 1)POHL Harald
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(57) Abstract :

The invention relates to a device for filtering a plastic melt comprising a housing (1) which has at least one inlet channel (2) and at least one outlet channel (3) for the plastic melt wherein the at least one inlet channel (2) is separated from the at least one outlet channel (3) by at least one filter cavity (4) for accommodating at least one axially slidable filter pin (5) therein wherein the at least one filter pin (5) has at least one basic filter body (6) having a filter surface (7) with filter openings (8) passing through the basic filter body (6). The plastic melt passes through the filter openings to a filtrate cavity (9) in the basic filter body (6) wherein the filtrate cavity (9) is in fluid connection with the at least one outlet channel (3) and wherein the filter surface (7) of the basic filter body (6) is encircled by a flexible elastic filter sieve (10) so that said filter sieve (10) can be clamped onto the basic filter body (6).

No. of Pages : 15 No. of Claims : 11

(21) Application No.739/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : MANUFACTURING METHOD OF ELECTRICAL BRIDGES SUITABLE FOR REEL TO REEL MASS MANUFACTURING

 (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 	:H05K3/46,H01L23/538,H01L21/677 :20115488 :19/05/2011 :Finland :PCT/FI2012/050475 :21/05/2012 :WO 2012/156590 :NA :NA :NA	 (71)Name of Applicant : 1)TECNOMAR OY Address of Applicant :Verkkokuja 7 B FI 02230 Espoo Finland (72)Name of Inventor : 1)MARTTILA Tom
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(57) Abstract :

A reel to reel manufacturing method of electrical bridges wherein over a substrate (1) made of electrically insulating material is patterned a conductive pattern (2) from electroconductive material such as metal foil and from the said electroconductive material is made at least one strip tongue (3) unattached to the substrate one side of which is attached to the conductive pattern (2) and the said strip tongue (3) is folded over an area insulated electrically from the conductive pattern (2) and the strip tongue (3) is connected electroconductive pattern (5) of the conductive pattern (2).

No. of Pages : 21 No. of Claims : 12

(21) Application No.895/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B65D25/10,B65D21/02,B65D25/06 :2010262214 :25/11/2010 y:Japan :PCT/JP2011/071194 :16/09/2011	 (71)Name of Applicant : 1)NTN CORPORATION Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan 2)SANKO Co. Ltd. (72)Name of Inventor : 1)MAKINO Katsunori
Filing Date (87) International Publication No (61) Patent of Addition to Application Number		2)HOTTA Tsutomu 3)MIYATA Kazuhiko 4)OWASHI Takashi
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To provide a container having a superior usability than those in the prior art and capable suppressing a stack height. [Solution] This container (10) is provided with a bridging member (21) extending between a pair of inner side faces (20S 20S) in a band insertion groove (20) formed as a depression on a bottom wall (12). A rolling bearing (W) is arranged above the bridging member (21) so that the rolling bearing and the bridging member (21) can be wound together by a band (40). Thereby prevention of both the lateral deviation and the flipping up of the rolling bearing (W) can be achieved without a lid. Thus usability is increased and a lower stack height can be obtained compared to a prior art in which a lid is necessary.

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

(21) Application No.3538/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : STIMULI RESPONSIVE SELF CLEANING COATING

(51) Intermetional description	:C09D7/00,	(71)Name of Applicant :
(51) International classification	C09D5/00	1)ASIAN PAINTS LTD.
(31) Priority Document No	:NA	Address of Applicant :6A, SHANTINAGER SANTACRUZ
(32) Priority Date	:NA	(E) MUMBAI - 400 055 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MIRCHANDANI, GIRISH
Filing Date	:NA	2)DAVE, VAIBHAV
(87) International Publication No	: NA	3)PARMAR, RANDHIR SINGH
(61) Patent of Addition to Application Number	:NA	4)MOUKWA, MOSONGO
Filing Date	:NA	5)CHAVAN, MAHESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Stimuli responsive self-cleaning aqueous coating compositions for masonry and other substrates involving coatings that are durable, storage stable, ambient curing and recoatable comprising of smart polymers, which said coatings exhibits reversible super-hydrophobic and super-hydrophilic behaviour in response to external stimuli based variable environmental conditions such as variations in at least one temperature, pH, humidity and light; also exhibiting low contact angle hysteresis of < 25 degrees which reversibly switches to a contact angle hysteresis of > 25 degrees with external stimuli. Said aqueous coating composition comprising a polymeric dispersion of either acrylic, fluorinated and amine backbone or acrylic, fluorinated and acid backbone in combination with hydrophobic and hydrophilic silicones and at least partially surface treated particles also including particulate mixture of micro and nano particles having balance of hydrophobicity and hydrophilicity, advantageously facilitates the attainment of contact angle hysteresis of < 25 degrees by the said self cleaning coating composition.

No. of Pages : 147 No. of Claims : 46

(21) Application No.740/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : MANNER OF OBTAINMENT OF MASS FOR PRODUCTION OF SHAPED CONSTRUCTION ELEMENTS AND MASS FOR PRODUCTION OF SHAPED CONSTRUCTION ELEMENTS

(51) International classification	:C04B20/10.C04B38/00	(71)Name of Applicant :
(31) Priority Document No	:P392 960	1)HCH Sp. z o.o.
(32) Priority Date	:15/11/2010	Address of Applicant :ul. Ostrobramska 101 PL 04 041
(33) Name of priority country	:Poland	Warszawa Poland
(86) International Application No	:PCT/PL2011/000116	(72)Name of Inventor :
Filing Date	:10/11/2011	1)HAINTZE Jerzy
(87) International Publication No	:WO 2012/067528	2)HAINTZE Andrzej
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention solves the problem of the manner of obtainment of mass for production of shaped construction elements. The manner consists of the fact that in the mechanical mixer a ceramic granulate is placed preferably in the form of pearlite and is soaked preferably with water until complete soaking of the granulate and is mixed with the binding agent until obtainment of the situation where each loose grain () of the granulate is coated with a layer of moist binding agent creating a coating () around the grain. Priorly prepared moulds are filled with the obtained mass. The mass for production of shaped construction elements consists of 15 25 % of bond weight preferably in the form of pearlite 35 45 % of binding agent weight preferably in the form of plaster with improved resistance parameters and 35 45% of water weight.

No. of Pages : 8 No. of Claims : 2

(21) Application No.742/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI POINT HSDPA COMMUNICATION UTILIZING A MULTI LINK PDCP SUBLAYER

 (51) International classification (31) Priority Document No (32) Priority Date (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/US2011/059819 :08/11/2011 :WO 2012/064772 :NA :NA	 (71)Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)ZHANG Danlu 2)KAPOOR Rohit 3)MOHANTY Bibhu Prasad 4)GE Weiyan 5)HOU Jilei
Application Number	:NA	

(57) Abstract :

A method and apparatus for wireless communication may provide a multi link PDCP sublayer (710) in a radio network controller (702) capable of allocating PDCP PDUs among a plurality of RLC entities (712) for use in a multi point HSDPA network. Some aspects of the disclosure address issues relating to out of order delivery of the PDCP PDUs to a UE (610) such as unnecessary retransmissions. That is the disclosed multi link PDCP (710) may be capable of distinguishing between sequence number gaps that are caused by physical layer transmission failures and those caused merely by skew.

No. of Pages : 51 No. of Claims : 15

(21) Application No.897/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR INDUCING AN IMMUNE RESPONSE TO EGFRVIII

:61/414850 :17/11/2010 :U.S.A. :PCT/US2011/061164 :17/11/2011 :WO 2012/068360 :NA :NA	 (71)Name of Applicant : ADURO BIOTECH Address of Applicant :626 Bancroft Way Suite 3c Berkeley CA 94710 2225 U.S.A. 2)PROVIDENCE HEALTH & SERVICES OREGON D/B/A PROVIDENCE PORTLAND MEDICAL CENTER (72)Name of Inventor : LAUER Peter M. BAHJAT Keith
:NA :NA	
	:61/414850 :17/11/2010 :U.S.A. :PCT/US2011/061164 :17/11/2011 :WO 2012/068360 :NA :NA :NA

(57) Abstract :

The present invention relates to methods of inducing a T cell response against a EGFRvIII in a subject. These method comprise administering to a subject a composition which expresses at least one immunogenic polypeptide the amino acid sequence of which comprise a plurality of EGFRvIII polypeptide sequences the sequence of which each comprise EEKKGNYV (SEQ ID NO: 3) and/or administering the polypeptide itself.

No. of Pages : 86 No. of Claims : 66

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

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM PROVIDING THE VERIFICATION OF THE NETWORK IDENTITY

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:H04w12/08,H04w12/12,H04L29/06	 (71)Name of Applicant : 1)SIRRAN TECHNOLOGY LIMITED Address of Applicant :6-9 TRINITY STREET DUBLIN 2, IRELAND (72)Name of Inventor : 1)PARSONS Dean

(57) Abstract :

There is discussed a wireless communication system in which a mobile communication device communicates with a telephone network using wireless signals the telephone network operating in accordance with a telecommunications standard which does not provide for the verification of the identity of the network. The telephone network includes a database storing identification information for a plurality of trusted cell sites. The mobile communication device is operable to retrieve identification data for a cell and send the retrieved identification data to a network entity in the telephone network using a data transfer functionality provided by the telephone network and in response to receiving the retrieved identification data the network entity is operable to verify the identification data using the database of stored identification information. Preferably the data transfer functionality is the USSD protocol.

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

(21) Application No.746/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : NOVEL ESTERS OF (ACYLOXYMETHYL)ACRYLAMIDE A PHARMACEUTICAL COMPOSITION CONTAINING THEM AND THEIR USE AS INHIBITORS OF THE THIOREDOXIN THIOREDOXIN REDUCTASE 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 	:C0/C235/34,A61K31/16,A61P3//00	 (71)Name of Applicant : 1)INSTYTUT CHEMII ORGANICZNEJ POLSKIEJ AKADEMII NAUK Address of Applicant :Kasprzaka 44/52 PL 01 224 Warszawa Poland 2)WARSZAWSKI UNIWERSYTET MEDYCZNY (72)Name of Inventor : 1)OSTASZEWSKI Ryszard 2)KLOSSOWSKI Szymon 3)ZIUZIA Izabela 4)SZOKALSKA Angelika 5)SWIECH Marta 6)GOLAB Jakub
Filing Date		

(57) Abstract :

The subject of the present invention are novel esters of (acyloxymethyl)acrylamide a pharmaceutical composition containing them and their use in the production of drugs for the prophylaxis or treatment of oncogenic diseases and diseases connected with increased cell proliferation.

No. of Pages : 26 No. of Claims : 7

(21) Application No.747/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : TUBULAR WOVEN PREFORMS FIBER REINFORCED COMPOSITES AND METHODS OF MAKING THEREOF

(51) International classification	:D03D3/02,D03D3/06	(71)Name of Applicant :
(31) Priority Document No	:12/909582	1)ALBANY ENGINEERED COMPOSITES INC.
(32) Priority Date	:21/10/2010	Address of Applicant :112 Airport Drive Rochester NH 03867
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/057108	(72)Name of Inventor :
Filing Date	:20/10/2011	1)GOERING Jonathan
(87) International Publication No	:WO 2012/054731	2)BIDDLE Steve
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Preforms for use in fiber reinforced composites fiber reinforced composites and methods for making thereof are disclosed. One method includes interweaving a plurality of warp yarns with a single weft yarn so as to form a tubular woven structure with a central axis. The preform can be woven using an endless or tubular weaving technique and can be woven so as to have two or more diameters along a length thereof. The preform can include one or more layers of a fabric formed on or attached to one or both surfaces of the tubular woven structure. The end structure can be a part of a window frame a wheel rim or a combustor in a jet engine.

No. of Pages : 26 No. of Claims : 35

(21) Application No.899/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PHARMACEUTICAL COMBINATION OF PACLITAXEL AND A CDK 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 	:A61K31/4025,A61K31/337,A61P35/00 :61/415507 :19/11/2010 :U.S.A. :PCT/IB2011/055179 :18/11/2011 :WO 2012/066508 :NA :NA :NA	 (71)Name of Applicant : 1)PIRAMAL ENTERPRISES LIMITED Address of Applicant :Piramal Tower Ganpatrao Kadam Marg Lower Parel Mumbai 400 013 Maharashtra India (72)Name of Inventor : 1)RATHOS Maggie Joyce 2)JOSHI Kalpana Sanjay

(57) Abstract :

The present invention relates to a pharmaceutical combination comprising paclitaxel or its pharmaceutically acceptable salt; and at least one cyclin dependent kinase (CDK) inhibitor represented by a compound of formula I (as described herein) or a pharmaceutically acceptable salt thereof for use in the treatment of triple negative breast cancer (TNBC). The present invention relates to a method for the treatment of breast cancer particularly triple negative breast cancer by administration to a patient in need thereof a therapeutically effective amount of a pharmaceutical combination comprising a cytotoxic antineoplastic agent paclitaxel and at least one cyclin dependent kinase (CDK) inhibitor; wherein said combination on administration exhibits synergistic effects.

No. of Pages : 70 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :06/12/2012

(21) Application No.3448/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : FIBER OPTIC PROBE AND A METHOD FOR DETECTION OF NITRO CONTAINNING COMPOUNDS BY USING 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 	:G01N21/6428, G01N27/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI 40076, MAHARASHTRA,INDIA (72)Name of Inventor : 1)PROF. SOUMYO MUKHERJI 2)BHARADWAJ RESHMA VISHWANATH MEENAKSHI
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(57) Abstract :

The present invention provides a fiber optic probe sensor comprising noble metal nanostructures functionalized with nitro specific receptors for detection of nitro containing compounds and a method for its manufacture. In particular, the present invention relates to a method for vapor phase detection of nitro (-NO2) containing compounds by said probe comprising noble metal nanostructures functionalized with nitro specific receptors, wherein the noble metal nanostructures exhibits Localized Surface Plasmon Resonance (LSPR).

No. of Pages : 47 No. of Claims : 31

(21) Application No.748/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A FURNITU	RE UNIT TO SIT ON	
 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A47C9/00 :P.392751 :26/10/2010 :Poland :PCT/PL2011/000109 :20/10/2011 :WO 2012/057639 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TADEUSZ MAZUR CENTRUM REHABILITACJI ZDROWIE Address of Applicant : Ul. SW. Gertrudy 28 PL 31 048 Krak³w Poland (72)Name of Inventor : 1)MAZUR Tadeusz

(57) Abstract :

A Furniture Unit to sit on that comprises a frame a seat and a backrest where the seat is secured to the frame or to the base of the backrest frame using a ball joint whereas the backrest frame is adjustable and equipped with at least one rest element wherein the bearing of the ball joint (A1) is secured to the seat (1) and the ball of the ball joint (A2) is secured to the main frame (2) or to the base of the backrest frame (3); the diameter of the ball joint (A) is smaller than 15 cm.

No. of Pages : 11 No. of Claims : 7

(21) Application No.850/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

6)MONTOJO Juan

7)ZHANG Xiaoxia

(54) Title of the invention : DYNAMIC UPLINK POWER CONTROL (51) International classification :H04W52/28 (71)Name of Applicant : (31) Priority Document No :61/410818 **1)QUALCOMM INCORPORATED** (32) Priority Date :05/11/2010 Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/059291 (72)Name of Inventor : 1)LUO Xiliang Filing Date :04/11/2011 (87) International Publication No :WO 2012/061685 2)GAAL Peter (61) Patent of Addition to Application 3)XU Hao :NA Number 4)CHEN Wanshi :NA Filing Date 5)LUO Tao

:NA

:NA

(57) Abstract :

Filing Date

Power adjustment in the user equipment (UE) includes adjusting the transmission power level for each of multiple transport blocks based on the spectral efficiency associated with the transport block. The UE receives a scheduled transport format parameter for each of multiple transport blocks to be transmitted. Based on those scheduled transport format parameters the UE determines a transmit power level adjustment for each transport block. The UE will adjust the power according to the determined transmit power level adjustment and transmit each transport block using the adjusted power level.

No. of Pages : 43 No. of Claims : 59

(62) Divisional to Application Number

(21) Application No.901/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MACHINE BASED MEDICAL DIAGNOSTIC CODE IDENTIFICATION ACCUMULATION ANALYSIS AND AUTOMATIC CLAIM PROCESS ADJUDICATION

(51) International classification (31) Priority Document No	:G06F19/00,G06Q50/00 :61/406672	(71)Name of Applicant : 1)CAMPBELL Stanley Victor
(32) Priority Date	:26/10/2010	Address of Applicant :1407 Hunter Mill Road Vienna VA
(33) Name of priority country	:U.S.A.	22182 U.S.A.
(86) International Application No	:PCT/US2011/057752	(72)Name of Inventor :
Filing Date	:25/10/2011	1)CAMPBELL Stanley Victor
(87) International Publication No	:WO 2012/058242	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A context sensitive methodology a Structured Virtual Construct (SVC) system data tagging techniques and an apparatus are provided for performing Medical Code based decision¬ making involving the matching of a given medical identified element against one or more of a set of known or reference medical identified elements from history or other data elements A satisfactory decision is achieved as a function of both aggregated ranking (AR) and account adjudication (AA) where account adjudication refers to the foil set of values garnered by the Medical Code accumulation process in the process of generating approval/ denial/re classification/ of medical diagnosis and/or claim events.

No. of Pages : 46 No. of Claims : 63

(21) Application No.902/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : GAS WIPING DEVICE

	F2CD15/00	
(51) International classification	:F26B15/00, C23C2/20	(71)Name of Applicant : 1)NISSHIN STEEL CO. LTD.
(31) Priority Document No	:2010239831	Address of Applicant :4 1 Marunouchi 3 chome Chiyoda ku
(32) Priority Date	:26/10/2010	Tokyo 1008366 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2011/073882	1)KOGA Shinichi
Filing Date	:18/10/2011	2)FUKUYAMA Tomohiro
(87) International Publication No	:WO 2012/056934	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.111/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a gas wiping device having a box shaped body which encloses a steel band and gas wiping nozzles wherein it is possible to prevent splash on the steel band. A gas wiping device (100) provided with a plating bath (10) for storing molten metal (11) and a box shaped body (20) placed above the plating bath (10). The box shaped body (20) is provided in the interior with tubular members (25a 25b) disposed along the width direction of a band shaped body (30) gas wiping nozzles (26a 26b) disposed facing one another on the respective tubular members (25a 25b) so as to sandwich the band shaped body (30) extending members (28a 28b) disposed on both ends of gas wiping nozzle (26a) so as to extend towards the direction of gas wiping nozzle (26b) and extending members (29a 29b) disposed on both ends of gas wiping nozzle (26b) so as to extend towards the direction of gas wiping nozzle (26a).

No. of Pages : 15 No. of Claims : 2

(21) Application No.2489/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND SYSTEM FOR AURALLY POSITIONING VOICE SIGNALS IN A CONTACT CENTER ENVIRONMENT

(57) Abstract :

A contact center media server for aurally positioning participants of a contact center transaction at aural positions designated by a contact center agent. The media server includes a communications interface coupled to a controller and adapted to interface with a plurality of voice paths. Each of the voice paths is associated with one of a plurality of participants in a contact center transaction. A three-dimensional (3D) spatializer engine is coupled to the controller and can receive incoming voice signals received over voice paths and corresponding aural position data. The 3D spatializer engine processes the incoming voice signals and generates outgoing voice signals that include signal characteristics that aurally position the first outgoing voice signals at an aural position with respect to the contact center agent indicated by the aural position data.

No. of Pages : 37 No. of Claims : 10

(21) Application No.3201/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A NATURAL DRAUGHT JACKETED WOOD STOVE

	:F24H1/22,	(71)Name of Applicant :
(51) International classification	F17C9/00,	1)CHANDAK AJAY GIRDHARILAL
	F24B5/02	Address of Applicant :'SHAMGIRI', AGRA ROAD, OPP.
(31) Priority Document No	:NA	SWAGAT LODGE, DEOPUR, DHULE: 424 005, STATE:
(32) Priority Date	:NA	MAHARASHTRA,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHANDAK AJAY GIRDHARILAL
Filing Date	:NA	2)CHANDAK ANURAG AJAY
(87) International Publication No	: NA	3)KHIVASARA NITIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A natural draught jacketed wood stove is provided. A natural draught jacketed wood stove comprises of an outer shell and a combustion chamber forming a jacket between them. A combustion chamber possesses plurality of secondary air holes which open inside the combustion chamber while outer shell possesses plurality of air inlet holes at bottom of outer shell or at base of outer shell or both. Air entering from air inlet holes inside the jacketed space picks up heat from the hot walls of combustion chamber and discharges hot air back to combustion chamber through secondary air holes, improving efficiency and simultaneously cooling outer shell, protecting cook from possible burns. As the air circulation in combustion chamber as well as inside the jacketed space is because of natural draught, without any external power, hence the name of the invention A natural draught jacketed wood stove.

No. of Pages : 9 No. of Claims : 4

(21) Application No.875/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013

(54) Title of the invention : PROTECTION AGAINST PASSIVE SNIFFING

(43) Publication Date : 27/06/2014

(51) International classification	:H04L9/06	(71)Name of Applicant :
(31) Priority Document No	:1059208	1)MORPHO
(32) Priority Date	:08/11/2010	Address of Applicant :11 boulevard Gallieni F 92130 Issy les
(33) Name of priority country	:France	Moulineaux France
(86) International Application No	:PCT/FR2011/052602	(72)Name of Inventor :
Filing Date	:08/11/2011	1)CHABANNE Herv
(87) International Publication No	:WO 2012/062994	2)BRINGER Julien
(61) Patent of Addition to Application	:NA	3)LE Thanh Ha
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates in particular to a method for securing the execution of a cryptographic algorithm (ALG) against passive sniffing the method implementing masking (MSK) of data processed by the cryptographic algorithm. The masking (MSK) of said data includes a linear encoding step such as x = x.L+c in which x is the data to be masked x is the corresponding masked data c is a code word included in a linear code C and L is a matrix made up of linearly independent vectors not included in the linear code C. The invention also relates to a device (SC) implementing such a method.

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

(19) INDIA

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

(21) Application No.870/MUMNP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : USE OF POLYOLEFIN SEALING FILMS COATED WITH NON REACTIVE HOT MELT ADHESIVE FOR SEALING

(51) International classification	n:E04D5/14,B32B27/08,B32B27/32	(71)Name of Applicant :
(31) Priority Document No	:10195793.4	1)SIKA TECHNOLOGY AG
(32) Priority Date	:17/12/2010	Address of Applicant : Zugerstrasse 50 CH 6340 Baar
(33) Name of priority country	:EPO	Switzerland
(86) International Application No Filing Date	:PCT/EP2011/072793 :14/12/2011	(72)Name of Inventor :1)LINNENBRINK Martin2)JANKE Doreen
(87) International Publication No	:WO 2012/080353	
(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 sealing an above ground or underground construction. In particular the method comprises the use of non reactive hot melt adhesives and flexible polyolefin films. In particular said method has the advantages that good long lasting adhesion can be quickly achieved and that sealing strips that are tack free at room temperature and that can be processed and glued easily at the construction site are obtained in a simple manner in particular by using polyolefin strips that are coated with non reactive hot melt adhesives.

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

(21) Application No.871/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : HYBRID REALITY FOR 3D HUMAN MACHINE INTERFACE

(51) Internationalclassification(31) Priority Document No	:H04N13/00,H04N13/02,G06T19/00 :61/419550	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive International IP
(32) Priority Date	:03/12/2010	Administration San Diego California 92121 1714 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :1)ZHANG Xuerui
(86) International Application No Filing Date	:PCT/US2011/062261 :28/11/2011	2)BI Ning 3)QI Yingyong
(87) International Publication No	:WO 2012/074937	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A three dimensional (3D) mixed reality system combines a real 3D image or video captured by a 3D camera for example with a virtual 3D image rendered by a computer or other machine to render a 3D mixed reality image or video. A 3D camera can acquire two separate images (a left and a right) of a common scene and superimpose the two separate images to create a real image with a 3D depth effect. The 3D mixed reality system can determine a distance to a zero disparity plane for the real 3D image determine one or more parameters for a projection matrix based on the distance to the zero disparity plane render a virtual 3D object based on the projection matrix combine the real image and the virtual 3D object to generate a mixed reality 3D image.

No. of Pages : 39 No. of Claims : 32

(21) Application No.727/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROTOCOLS FOR ENABLING MODE 1 AND MODE 2 DEVICES IN TV WHITE SPACE NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W72/04,H04W16/14 :61/409215 :02/11/2010 :U.S.A. :PCT/US2011/058966	1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor :
Filing Date	:02/11/2011	1)ABRAHAM Santosh Paul
(87) International Publication No	:WO 2012/061504	2)JAIN Avinash
(61) Patent of Addition to Application	:NA	3)SHELLHAMMER Stephen J.
Number Filing Date	:NA	4)SAMPATH Hemanth
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain aspects of the present disclosure provide techniques and apparatus for operating in a television white space (TVWS) network. One example method generally includes receiving at an apparatus a message with a field indicating a current version of an unused frequency spectrum map (e.g. a white space map (WSM)) the unused frequency spectrum map indicating channels usable for wireless communications; determining whether the current version of the unused frequency spectrum map is different than a previous version of the unused frequency spectrum map; and using a channel for wireless communications based on the determination. Another example method generally includes accessing a database of available channels for a current location of an apparatus via a neighboring portable or fixed enabling apparatus and enabling one or more portable dependent apparatuses for the wireless communications via one or more of the available channels.

No. of Pages : 69 No. of Claims : 116

(21) Application No.882/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND SYSTEM FOR WIRELESS VIDEO TRANSMISSION VIA DIFFERENT INTERFACES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:H04L29/10,H04W92/02 :61/407868 :28/10/2010 :U.S.A. :PCT/KR2011/008163 :28/10/2011 :WO 2012/057580 :NA :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor : 1)SHAO Huai Rong 2)NGO Chiu Yeung 3)HSU Ju Lan
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(57) Abstract :

A method and system is provided for wireless transmission of audio/video information via different wired AV interface formats. A method and system for wireless communication of audio/video AV information between AV devices includes receiving audio/video (AV) information from a first AV module via a first wired AV interface in a first AV device applying interface dependent processing to the AV information and transmitting the processed AV information from a wireless transceiver over a wireless channel to a wireless receiver of a second AV device. The second AV device includes a second wired AV interface and the first AV interface is of a different type than the second interface device.

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

(21) Application No.724/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR DETECTING DIFFERENTIATING AND QUANTIFYING T CELL POPULATIONS BY MEANS OF REVERSE TRANSCRIPTION QUANTITATIVE REAL TIME PCR (RT-QPCR) TECHNOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:10 2010 037 622.1 :17/09/2010 :Germany	 (71)Name of Applicant : 1)LOPHIUS BIOSCIENCES GMBH Address of Applicant :Biopark III Josef Engert Str. 13 93053 Regensburg GERMANY (72)Name of Inventor : 1)DEML Ludwig 2)NAUMANN Kristina 3)SCHLOMBS Kornelia
(87) International Publication No	:WO 2012/037937	4)BARABAS Sascha
(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 detecting differentiating and quantifying T cell populations comprising the following steps: a) bringing a first aliquot of a bodily fluid of an individual in contact with at least one antigen wherein the bodily fluid contains antigen presenting cells (APCs) and T cells b) incubating the first aliquot with the at least one antigen over a certain time period c) detecting and differentiating the T cell populations by detecting at least one first marker of the APCs induced by the T cells of a certain T cell population in the first aliquot and in a second aliquot of the bodily fluid of the individual which was not incubated with the at least one antigen by means of reverse transcription quantitative real time polymerase chain reaction (RT qPCR) and d) detecting and quantifying the T cell populations by determining the ratio of the detected markers of the APCs of the first aliquot to the second aliquot. The invention further relates to a kit for carrying out the method.

No. of Pages: 87 No. of Claims: 17

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

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : 4 SUBSTITUTED 3 BENZYLOXY BICYCLO[3.1.0]HEXANE COMPOUNDS AS MGLUR 2/3 ANTAGONISTS

Τ

(51) International classification:C07C229/50,A61P25/24,A61K31/2(31) Priority Document No:61/415113(32) Priority Date:18/11/2010(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2011/060686(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/068041(62) Divisional to Filing Date:NA :NA(52) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)ELI LILLY AND COMPANY Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A. (72)Name of Inventor : 1)DRESSMAN Bruce Anthony 2)CHAPPELL Mark Donald 3)FIVUSH Adam Michael 4)MITCH Charles Howard 5)ORNSTEIN Paul Leslie 6)TROMICZAK Eric George 7)VETMAN Tatiana Natali
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(57) Abstract :

A mGlu2/3 receptor antagonist of the formula: (formula) its uses and methods for its preparation are described.

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

(21) Application No.880/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : MANNER OF OBTAINMENT OF BINDING AGENT FOR MASS FOR PRODUCTION OF SHAPED CONSTRUCTION ELEMENTS AND BINDING AGENT FOR MASS FOR PRODUCTION OF SHAPED CONSTRUCTION ELEMENTS

(51) International classification(31) Priority Document No(32) Priority Date(32) No. 100 (20) No. 10	:P392959 :15/11/2010	 (71)Name of Applicant : 1)HCH SPLKA Z.O.O. Address of Applicant :ul. Ostrobramska 101 PL 04 041
(33) Name of priority country	:Poland	Warszawa Poland
(86) International Application No Filing Date	:PCT/PL2011/000115 :10/11/2011	(72)Name of Inventor : 1)HAINTZE Andrzej
(87) International Publication No	:WO 2012/067527	2)HAINTZE Jerzy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention solves the problem of obtainment of binding agent for mass of shape constriction elements consisting of the fact that preferably calcium sulfate preferably calcium oxide preferably zinc oxide are initially mixed in mechanical mixer and after thorough mixing the obtained dry mass shall be subjected to the effects of ultrasonic stationary wave. The binding agent for mass for production of shaped construction elements in accordance with the invention consists of 65 86 % of weight preferably of calcium sulfate 15 35 % of weight preferably of calcium oxide and 0.1 0.7% of weight preferably of zinc oxide.

No. of Pages : 8 No. of Claims : 2

(21) Application No.349/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMBINATION OF HMG-COA REDUCTASE INHIBITORS WITH PHOSPHODIESTERASE 4 INHIBITORS FOR THE TREATMENTOF INFLAMMATORY PULMONARY DISEASES

 (51) International classification (31) Priority Document No (32) 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 	:A61K31/405, A61K31/453 :06116625.2 :05/07/2006 :EPO :PCT/EP2007/056683 :03/07/2007 :WO2008/003701 :NA :NA	 (71)Name of Applicant : 1)TAKEDA GMBH Address of Applicant :BYK-GULDEN-STR. 2, 78467 KONSTANZ, GERMANY (72)Name of Inventor : 1) WOLLIN, STEFAN-LUTZ 2)WOHLSEN, ANDREA 3)BRAUN, CLEMENS 4)MARX, DEGENHARD
Filing Date (62) Divisional to Application Number Filed on	:NA :214/MUMNP/2009 :29/01/2009	
riieu on	:29/01/2009	

(57) Abstract :

The invention relates to the combined use of a PDE4 inhibitor with a HMG-CoA reductase inhibitor for the preventive and curative treatment of an inflammatory pulmonary disease.

No. of Pages : 34 No. of Claims : 25

(21) Application No.877/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ARRANGEMENT AND PROCESS FOR ELIMINATION OF CARBON DIOXIDE FROM A CARBON DIOXIDE CONTAINING GAS

 (51) International classification (31) Priority Document No (32) Priority Date (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/DE2011/001800 :04/10/2011 :WO 2012/045299 :NA :NA :NA	 (71)Name of Applicant : VOLKAMER Klaus Address of Applicant :Heidelberger Ring 21 67227 Frankenthal Germany (72)Name of Inventor : VOLKAMER Klaus
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an arrangement (100) for elimination of carbon dioxide from a carbon dioxide containing gas comprising at least one absorber (2) in which an absorbent can be laden with the carbon dioxide and at least one fluidization stage (5) in which the carbon dioxide laden absorbent can be fluidized.

No. of Pages : 14 No. of Claims : 11

(21) Application No.879/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ACTIVE ENANTIOMER OF DODECYL 2 (N N DIMETHYLAMINO) PROPIONATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:30/11/2011 :WO 2012/075107 :NA :NA	 (71)Name of Applicant : 1)NEXMED HOLDINGS INC. Address of Applicant :11975 El Camino Real Suite 300 San Diego California 92130 U.S.A. (72)Name of Inventor : 1)DAMAJ Bassam B. 2)MARTIN Richard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

2R dodecyl 2 (N N dimethylamino) propionate (R DDAIP) provides an unexpectedly improved activity in facilitating transport of a pharmaceutically active compound across biological membranes and tissues compared to S DDAIP of the same enantiomeric purity or racemic DDAIP. Purified S DDAIP is also provided.

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

(21) Application No.896/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : INKS FOR INKJET PRINTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	a:C09D11/00,B41M1/00,B41M5/00 :VA2010A000092 :09/12/2010 :Italy :PCT/EP2011/071693 :05/12/2011 :WO 2012/076438	 (71)Name of Applicant : 1)LAMBERTI SPA Address of Applicant :Ufficio Brevetti via Piave 18 I 21041 Albizzate (VA) Italy (72)Name of Inventor : 1)FORNARA Dario 2)NAPPA Alan 3)VERZOTTI Tamara 4)PRAMPOLINI Paolo
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA	5)CRESPI Stefano 6)FLORIDI Giovanni 7)LI BASSI Giuseppe
Number Filing Date	:NA	

(57) Abstract :

Method for decorating green or fired ceramic bodies by inkjet printing comprising the use of a ceramic inkjet ink which is prepared by milling a ceramic inorganic pigment in an organic medium in the presence of a dispersant which is the reaction product of a polyethyleneimine and a ricinoleic acid polyester, until the average particle size of the pigment is between 0.1 and 0.8 μ m.

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

(19) INDIA

(22) Date of filing of Application :12/11/2012

(21) Application No.3288/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : THE AUTOMATED SPROUTING DEVICE FOR VARIOUS AGRICULTURAL GRAINS

(57) Abstract :

The automated sprouting device is useful for sprouting of variety of agricultural grains including soybeans, which are most difficult for their sprouting. The said device comprises of a grain holding perforated trays (20), grain holding tank (10), water holding tank (30), water application arrangement (40), and a leveled platform (50). The said sprouting device operates automatically without involving any power operated mechanical or electronic device or timers and avoids human intervention and drudgery. This device is useful for sprouting of variety of grains at domestic, farmers and cottage level.

No. of Pages : 13 No. of Claims : 4

ION (21) Ap

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SAMPLING 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 	:A61B5/151,A61B5/157 :2010904615 :15/10/2010 :Australia :PCT/AU2011/001321 :17/10/2011 :WO 2012/048388 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ATOMO DIAGNOSTICS PTY LIMITED Address of Applicant :21 Marlborough Street Drummoyne New South Wales 2047 Australia (72)Name of Inventor : 1)KELLY John 2)SOKOLOV Richard 3)JOHNSON Ian Fredrick 4)HUESO MONIS Ernesto 5)SIU Eric 6)SHIUE Melody 7)LAW Kamman 8)BEHRISCH Johannes
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(57) Abstract :

An assembly for sampling bodily fluid the assembly comprising a membrane penetration device comprising a membrane penetrating element for penetrating a bodily membrane to release a bodily fluid; and a collector configured in a collection position to take up the released bodily fluid and retain the fluid for delivery to a test element.

No. of Pages : 53 No. of Claims : 20

(21) Application No.731/MUMNP/2013 A

(21) Application No.883/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : BRUSHLESS DIRECT CURRENT MOTOR

(51) International classification	:H02K29/03,H02K1/06	(71)Name of Applicant :
(31) Priority Document No	:201210055354.7	1)ZHEJIANG YILIDA VENTILATOR CO. LTD.
(32) Priority Date	:05/03/2012	Address of Applicant : Yilida Road Hengjie Town Luqiao
(33) Name of priority country	:China	District Taizhou Zhejiang 318056 China
(86) International Application No	:PCT/CN2012/079102	(72)Name of Inventor :
Filing Date	:24/07/2012	1)ZHANG Qizhong
(87) International Publication No	:WO 2013/131349	2)ZHANG Wei
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

A brushless direct current motor comprises a stator (5) a rotor (7) and a revolving shaft fixed at a center hole of the rotor (7). In each cross section of the stator (5) the mechanical eccentric angle between a line connecting an intersection point of an addendum circle arc (511) of each stator tooth (51) and a gear shaft radius of the stator tooth (51) to a center (512) of the addendum circle arc (511) of stator tooth (51) and the gear shaft radius of the stator tooth (51) is larger than 0 degree and smaller than 90 degrees. The addendum circle shape of the stator tooth (51) is designed as an arc that is eccentric relative to the center of rotation of the rotor so that the brushless direct current motor is capable of eliminating a start dead point and is started smoothly.

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

(21) Application No.884/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHODS AND APPARATUS OF INTEGRATING DEVICE POLICY AND NETWORK POLICY FOR ARBITRATION OF PACKET DATA APPLICATIONS

(51) International classification:H04W76/02,H04W76/06,H04L2(31) Priority Document No:61/413276(32) Priority Date:12/11/2010(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2011/060625(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/065171(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)SAHU Debesh Kumar 2)SHAH Keyur C. 3)VEEREPALLI Sivaramakrishna 4)COOK Bryan R.
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(57) Abstract :

An apparatus or method integrates device policy and network policy in order to arbitrate a priority between packet data applications or services for a data connection. In response to a request a data connection to a wireless network is established for a first application of a first type of application or service if no data session is in progress or if a second application of a second type of application or service can share an existing data session. A hybrid arbitrator performs hybrid arbitration between the first application and the second application in response to determining that the first type and the second type cannot share the existing data session either based upon a network policy that specifies a difference in priority between the first type and the second type or based upon a device policy if the network policy does not specify a difference in priority.

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

(21) Application No.885/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONDENSING DEVICE OF A TEXTILE SLIVER IN A SPINNING 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 	:D01H5/72,D01H5/26 :BS2010A000181 :10/11/2010 :Italy :PCT/IB2011/054503 :12/10/2011 :WO 2012/063150 :NA :NA :NA	 (71)Name of Applicant : MARZOLI S.P.A. Address of Applicant : Via S. Alberto 10 I 25036 Palazzolo sullOglio BRESCIA Italy (72)Name of Inventor : GALLI Massimo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Condensing device (2) of a spinning machine for condensing a fibre sliver comprising a main cylinder (4a) a first pressure cylinder (4b) an output cylinder (4c) and a suction mouth (30) looking onto the outer surface of the main cylinder (4a) to condense the sliver by aspirating the air.

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

(21) Application No.898/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : INTERNALLY SUPPLIED AIR JET COOLING FOR A HYDRAULIC PUMP

(51) International classification (31) Priority Document No	:F02B33/44 :12/914069	(71)Name of Applicant : 1)SPX CORPORATION
(32) Priority Date	:28/10/2010	Address of Applicant :13515 Ballantyne Corporate Place
(33) Name of priority country	:U.S.A.	Charlotte NC 28277 U.S.A.
(86) International Application No	:PCT/US2011/056700	(72)Name of Inventor :
Filing Date	:18/10/2011	1)HAYNES Joseph
(87) International Publication No	:WO 2012/058058	2)BOOTH Dwight
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compressed gas powered machine is provided. The machine includes: an outlet and a hollow member fluidly connected to the outlet and configured to receive gas expended from the machine through the outlet the hollow member defining holes oriented to allow the gas contained in the hollow member to blow on various parts of the machine.

No. of Pages : 30 No. of Claims : 20

(21) Application No.890/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : REGENERATIVE FUEL CELL WITH CATHOLYTE COMPRISING A POLYOXOMETALATE AND A VANADIUM (IV) COMPOUND

(51) International classification (31) Priority Document No	:H01M8/20,H01M8/18,H01M4/90 :1021904.6	(71)Name of Applicant : 1)ACAL ENERGY LIMITED
(32) Priority Document No	:23/12/2010	Address of Applicant : The Heath Business & Technical Park
(32) Name of priority country		Runcorn Cheshire WA7 4QX U.K.
(86) International Application No Filing Date	:PCT/GB2011/052500 :16/12/2011	(72)Name of Inventor : 1)KNUCKEY Kathryn 2)KANGATI Belloumi
(87) International Publication No	:WO 2012/085542	3)DOWNS Clare 4)POTTER Andrew
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Redox fuel cell comprising an anode and a cathode separated by an ion selective polymer electrolyte membrane; means for supplying a fuel to the anode region of the cell; means for supplying an oxidant to the cathode region of the cell; means for providing an electrical circuit between the anode and the cathode; a non volatile catholyte solution flowing fluid communication with the cathode the catholyte solution comprising a polyoxometailate redox couple being at least partially reduced at the cathole in operation of the cell and at least partially re generated by reaction with the oxidant after such reduction at the cathode the catholyte solution comprising at least about 0.075M of the said polyoxometailate and additionally a vanadium (IV) compound.

No. of Pages : 38 No. of Claims : 27

(21) Application No.891/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PERFORATED PLATE

(51) International classification	:B29B9/06	(71)Name of Applicant :
(31) Priority Document No	:10 2011 008 257.3	1)AUTOMATIK PLASTICS MACHINERY GMBH
(32) Priority Date	:11/01/2011	Address of Applicant :Ostring 19 63762 Grossostheim
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/005853	(72)Name of Inventor :
Filing Date	:21/11/2011	1)MRB Reinhardt Karsten
(87) International Publication No	:WO 2012/095125	2)HEFNER Hans Walter
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention relates to a perforated plate (1) of a granulating device for thermoplastic plastic material comprising nozzle openings (2) wherein at least one side of the perforated plate (1) comprises in at least one region a functional layer (3). Said functional layer (3) is thermally insulated in relation to the base material of the perforated plate is more abrasion resistant relative to the base material of the perforated plate and consists of an enamel coating.

No. of Pages : 13 No. of Claims : 10

(21) Application No.847/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROBE MESSAGING FOR DIRECT LINK CONNECTIONS

(51) International classification	:H04W8/00	(71)Name of Applicant :
(31) Priority Document No	:61/415622	1)QUALCOMM Incorporated
(32) Priority Date	:19/11/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2011/061151	(72)Name of Inventor :
Filing Date	:17/11/2011	1)WENTINK Maarten Menzo
(87) International Publication No	:WO 2012/068349	2)RAJAMANI Krishnan
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There lies a challenge to develop a technique of effectively establishing a direct communication link between client devices in a communication network. In some implementations an associated STA is a client device which is associated with a particular access point (AP). A non associated STA is a client device which is not associated with the AP. A tunneled probe request may be transmitted by an associated STA through the AP to be broadcast to other associated STAs. In some implementations an active scan may be combined with a tunneled probe request in order to establish a communication link between an associated STA and a non associated STA.

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

(21) Application No.903/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : GAS WIPING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F26B15/00, C23C2/20 :2010239833 :26/10/2010 :Japan :PCT/JP2011/073883 :18/10/2011	 (71)Name of Applicant : 1)NISSHIN STEEL CO. LTD. Address of Applicant :4 1 Marunouchi 3 chome Chiyoda ku Tokyo 1008366 Japan (72)Name of Inventor : 1)KOGA Shinichi
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/056935 :NA :NA :NA :NA	

(57) Abstract :

Provided is a gas wiping device having a box shaped body which encloses a steel band and gas wiping nozzles wherein it is possible to prevent splash on the steel band. A gas wiping device (100) provided with a plating bath (10) for storing molten metal (11) and a box shaped body (20) placed above the plating bath (10). The box shaped body (20) is provided in the interior with gas wiping nozzles (26a 26b) disposed facing one another on the respective tubular members (25a 25b) so as to sandwich a band shaped body (30). Gas wiping nozzle (26a) is provided with a first spraying unit (26a) capable of spraying gas to the steel band (30) and a second spraying unit (26a) and a third spraying unit (26b) capable of spraying gas to the steel band (30) and a fifth spraying unit (26b) and a sixth spraying unit (26b) capable of spraying gas to the steel band (30) and a fifth spraying unit (26b) and a sixth spraying unit (26b) capable of spraying gas to wiping nozzle (26a).

No. of Pages : 19 No. of Claims : 3

(21) Application No.852/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSGENIC PLANTS WITH IMPROVED SACCHARIFICATION YIELDS AND METHODS OF GENERATING SAME

(51) International classification	:C12N15/82,A01H5/00,C12N9/18	(71)Name of Applicant :
(31) Priority Document No	:61/409590	1)YISSUM RESEARCH DEVELOPMENT COMPANY OF
(32) Priority Date	:03/11/2010	THE HEBREW UNIVERSITY OF JERUSALEM LTD.
(33) Name of priority country	:U.S.A.	Address of Applicant :Hi Tech Park The Edmond J. Safra
(86) International Application No Filing Date	:PCT/IL2011/000855 :03/11/2011	Campus The Hebrew University of Jerusalem Givat Ram 91390 Jerusalem Israel 2)FUTURAGENE ISRAEL LTD.
(87) International Publication No	:WO 2012/059922	(72)Name of Inventor : 1)ABRAMSON Miron
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SHANI Ziv 3)SHOSEYOV Oded
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of engineering a plant having reduced acetylation in a cell wall is disclosed. The method comprising expressing in the plant cell wall at least one isolated heterologous polynucleotide encoding an acetylxylan esterase (AXE) enzyme under the transcriptional control of a developmentally regulated promoter specifically active in the plant cell wall upon secondary cell wall deposit thereby engineering the plant having reduced acetylation in the cell wall.

No. of Pages : 89 No. of Claims : 45

(21) Application No.904/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR REDUCING CREEP CORROSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:1019302.7 :15/11/2010 :U.K.	 (71)Name of Applicant : 1)SEMBLANT LIMITED Address of Applicant :301 Harbour Yard Chelsea Harbour London SW10 0XD U.K. (72)Name of Inventor : 1)VON WERNE Timothy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for reducing creep corrosion on a printed circuit board the printed circuit board comprising a substrate a plurality of electrically conductive tracks located on at least one surface of the substrate a solder mask coating at least a first area of the plurality of electrically conductive tracks and a surface finish coating at least a second area of the plurality of electrically conductive tracks the method comprising depositing by plasma polymerization a fluorohydrocarbon onto at least part of the solder mask and at least part of the surface finish.

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

(21) Application No.905/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : MULTI SPOOL ADAPTER

(51) International classification	:B65H54/20,B65H75/14,B65H75/28	(71)Name of Applicant : 1)LINCOLN GLOBAL INC.
(31) Priority Document No	:12/953978	Address of Applicant :17721 Railroad St. City of Industry CA
(32) Priority Date	:24/11/2010	91748 U.S.A.
(33) Name of priority countr	y: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 Number Filing Date 	:PCT/IB2011/002754 :21/11/2011	1)LAND James T.

(57) Abstract :

An adapter for simultaneously winding multiple spools and a method for using the same. The adapter comprises a body portion having a pair of opposed faces 120, 122 and an outer wall or perimeter 140. Each of the opposed faces 120, 122 may include a plurality of recesses configured to receive a plurality of pins 150 for interconnecting multiple spools. The plurality of pins 150 may be offset such that it provides for the entry hubs 20 of the multiple spools to align with one another. The adapter further includes at least one depression or indentation 142 on the perimeter 140 for providing access to at least a portion of the spool flange 14a, 14b. The depression provides an operator with easy access to insert or apply the finishing end of the welding wire or similar, to the finishing hub 22 of the spools.

No. of Pages : 38 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.557/MUMNP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : BULK BIN :B65D19/06,B65D25/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :587802 1)ELVINCO TECHNOLOGIES INC. Address of Applicant :4655 WOODGREEN DRIVE, WEST (32) Priority Date :06/09/2010 VANCOUVER, BRITISH COLUMBIA V7S 2V4, CANADA. (33) Name of priority country :New Zealand (86) International Application No :PCT/CA2011/001005 (72)Name of Inventor: Filing Date :06/09/2011 **1)ELVIN JENSEN Flemming** (87) International Publication No :WO 2012/031352 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The bulk bin of the present invention comprises four sides and a base. The interior of the bulk bin comprises a substantially smooth and continuous surface without any sharp or abrupt corners or edges. Each of the sides comprises a top strip portion and a curved wall portion. The top strip is substantially straight in the horizontal direction whereas the curved wall portion is curved (in a concave manner) in the horizontal direction. A chamfer provides a smooth transition between the relative straightness of the top strip portion and the concavity of the curved wall portion while maintaining the overall smooth and continuous interior surface of the bulk bin.

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

(21) Application No.755/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : READY TO USE KETOROLAC FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A61K31/21, A61K9/00 :61/405384 :21/10/2010 :U.S.A. :PCT/US2011/057284 :21/10/2011 :WO 2012/054831 :NA :NA :NA	 (71)Name of Applicant : 1)RTU PHARMACEUTICALS LLC Address of Applicant :840 111th Avenue Suite 7 Naples FL 34108 U.S.A. (72)Name of Inventor : 1)PERGOLIZZI Joseph 2)MIRONOV Alexander 3)PICKENS Chad James 4)JOHNSON Douglas Giles
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed in certain embodiments is a pharmaceutical composition for parenteral administration comprising: an aqueous solution comprising ketorolac or a pharmaceutically acceptable salt thereof in an amount from about 0.1 mg/mL to about 10 mg/mL; and a pharmaceutically acceptable excipient; wherein the formulation is substantially free of alcohol.

No. of Pages : 39 No. of Claims : 110

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : USE OF AGGREGATE AND FIBER IN THE CEMENT MORTAR LINING DUCTILE IRON PIPE AND FITTINGS

(51) International classification	:E03F3/06, F16L55/164	(71)Name of Applicant : 1)JINDAL SAW GULF LLC,
(21) Drie rites De serve ent Ne		
(31) Priority Document No	:NA	Address of Applicant :PO BOX 132595, 11NR28, ICAD-3,
(32) Priority Date	:NA	MUSSAFAH, ABU DHABI, UAE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SANJAY AGGARWAL
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	
		1

(57) Abstract :

A method of lining inside surface of Ductile Pipe by means comprising of using aggregates Gabbro or Limestone or Dolomite or Fiber, partially or fully, as a substitute of silica sand and to achieve surface finish for proper pipe flow characteristics and to ensure water quality within permissible limits and conserve natural resources.

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

(19) INDIA

(22) Date of filing of Application :14/11/2012

(21) Application No.3298/MUM/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : HEAT TRANSFER CHARACTERISTICS OF HIGH PRESSURE GAS IN AN AUGMENTED HEAT EXCHANGER

(51) International classification	:F28f3/02, F25B30/02,	(71)Name of Applicant : 1)SAGAR SURYAKANT GADDAMWAR
	F25B47/00	,
(31) Priority Document No	:NA	LAYOUT, WAGHAPUR ROAD, YAVATMAL, DIST:-
(32) Priority Date	:NA	YAVATMAL, PIN CODE:-445001 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAGAR SURYAKANT GADDAMWAR
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 heat transfer performance of syngas cooler affects the efficiency of the power generating system with integrated coal gasification combined cycle (1GCC) directly, it is important to obtain the heat transfer characteristics of high-pressure syngas in the cooler. Heat transfer in convection cooling section of pressurized coal gasifier with the membrane helical coils and membrane serpentine tubes under high pressure is experimentally investigated. High pressure single gas (He or N2) and their mixture (He + N2)gas serve as the test media in the test pressure range from 2.5 Kg/cm2 to 10 Kg/cm2. The results show that the convection heat transfer coefficient of high pressure gas is influenced by the working pressure, gas composition and symmetry of How around the coil, of which the working pressure is the most significant factor. The average convection heat transfer coefficients for various gases in heat exchangers are systematically analyzed. The heat transfer coefficient of heat exchanger with membrane helical coils is greater than that of the membrane serpentine-tube heat exchanger under the same conditions. The heat transfer coefficient increment of the membrane helical-coil heat exchanger is greater than that of the membrane serpentine-tube heat exchanger under the same conditions. The heat transfer coefficient are found in large quantities. This syngas is highly toxic, harmful and flammable gas which will be present in atmosphere which may cause many accidents. Hence it is necessary to reduce the content of syngas from mines in the atmosphere with the help of the heat exchanger with membrane helical coil and membrane serpentine tubes. So this work will be useful for those who are working in the field of coal mine, underground mines and mineral ore mines.

No. of Pages : 8 No. of Claims : 1

(21) Application No.3239/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : PHARMACEUTICAL CO-CRYSTAL COMPOSITIONS OF NICORANDIL

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:A61K31/455, A61P9/10, A61K47/12 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ARAVIND RAMBHAU SONAWANE Address of Applicant :C/O: APPARAO G. DANDEKAR, N-9 K, 50/4, PAVAN NAGAR, HUDCO, AURANGABAD 431005, MAHARASHTRA,INDIA 2)SWATI SHAILNEDRA RAWAT (72)Name of Inventor : 1)ARAVIND RAMBHAU SONAWANE 2)SWATI SHAILNEDRA RAWAT
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(57) Abstract :

The present invention provides cocrystals of Nicorandil, processes for prevention and long-term treatment of angina pectoris, including reduction of the risk of acute coronary events in high-risk patients.

No. of Pages : 24 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 27/06/2014

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

(54) Title of the invention : IMPROVED DEVICE AND METHOD TO CONTROL A POWER SOURCE (51) International classification :B23K9/10,B23K37/00 (71)Name of Applicant : (31) Priority Document No :12/946071 1)LINCOLN GLOBAL INC. (32) Priority Date :15/11/2010 Address of Applicant :17721 Railroad Street Citiy of Industry (33) Name of priority country CA 91748 U.S.A. :U.S.A. (86) International Application No :PCT/IB2011/002615 (72)Name of Inventor : 1)STAVA Elliott K. Filing Date :03/11/2011 (87) International Publication No :WO 2012/066399 2)CLARK Keith L.

:NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

Number

Apparatus devices and methods for providing a voltage reduction capability in a welding power source (10) for safety purposes. The resistive load and the output voltage of the welding power source output are monitored and compared to predefined or preselected threshold values to generate a load condition signal and an output voltage condition signal (e.g. logic signals). The load condition signal and the output voltage condition signal serve as inputs to a voltage reduction device control logic (370) which generates control signals (372) to enable and disable the input and output of the welding power source according to the defined control logic. As a result an extra measure of safety in preventing electrical shock is provided to users of the welding power source during hazardous operating conditions.

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

(61) Patent of Addition to Application

(62) Divisional to Application Number

(21) Application No.907/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PARALLEL CONTEXT CALCULATION IN VIDEO CODING

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/414245	1)QUALCOMM Incorporated
(32) Priority Date	:16/11/2010	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2011/060619	(72)Name of Inventor :
Filing Date	:14/11/2011	1)COBAN Muhammed Zeyd
(87) International Publication No	:WO 2012/068021	2)ZHENG Yunfei
(61) Patent of Addition to Application	:NA	3)SOLE ROJALS Joel
Number	:NA :NA	4)JOSHI Rajan L.
Filing Date	.INA	5)KARCZEWICZ Marta
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one example a method for coding video data includes identifying a scan path for scanning significance information associated with a quantized transform coefficient. The method also includes determining a context support neighborhood for entropy coding the significance information associated with the quantized transform coefficient wherein the context support neighborhood excludes one or more context support elements that are located in the scan path. The method also includes coding the significance information using the modified context support neighborhood.

No. of Pages : 82 No. of Claims : 61

(21) Application No.908/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : ACRYLIC RUBBER COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/JP2012/053451	 (71)Name of Applicant : 1)NOK CORPORATION Address of Applicant :12 15 Shibadaimon 1 chome Minato ku Tokyo 1058585 Japan (72)Name of Inventor : 1)KOGA Atsushi
Filing Date	:15/02/2012	2)SANO Hiroyuki
(87) International Publication No	:WO 2012/117849	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An acrylic rubber composition that contains, per 100 parts by weight of a carboxyl-containing acrylic rubber, 0.05 to 5 parts by weight of a diurethane compound represented by the general formula: R2(SO2)m(CH2)nOCONHR1NHCOO(CH2)n(SO2)mR2 [wherein R1 is a divalent organic group; R2 is a group capable of forming a carbamate structure which is decomposable by the action of a basic vulcanization accelerator; n is 0, 1 or 2; and m is 0 or 1], 0.3 to 3 parts by weight of a diaminodiphenyl ether compound, and 0.08 to 1.2 parts by weight of an N-containing heterocyclic compound, and that is free from 1,3-di-o-tolylguanidine. This acrylic rubber composition can be vulcanized at a high speed without using 1,3-di-o-tolylguanidine, which has a disadvantage of generating o-toluidine, and exhibits excellent scorch stability. Further, a molded product of the acrylic rubber composition sufficiently satisfies compression set resistance characteristics requisite to sealing parts.

No. of Pages : 20 No. of Claims : 11

(21) Application No.759/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : DRILLING FLUID ADDITIVE

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:C09K8/10,C09K8/506,C09K8/32 :2010904247 :21/09/2010 :Australia :PCT/AU2011/001209 :20/09/2011 :WO 2012/037600 :NA :NA :NA	 (71)Name of Applicant : 1)HUSODO Ryanto Address of Applicant :14A Angelico Street Woodlands Western Australia 6018 Australia 2)ASAD Mohammad (72)Name of Inventor : 1)HUSODO Ryanto 2)ASAD Mohammad
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(57) Abstract :

A drilling fluid additive (10) for use in sealing pores and/or fractures in drilled formations to prevent or at least limit lost circulation of drilling fluid includes fibres (11) and flakes (13). The fibres (11) may include long fibres (12) and/or short fibres (13). The drilling fluid additive (10) may also include acid soluble granules (14).

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

(21) Application No.3591/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A SOLAR CONCENTRATOR

	:F24J2/12,	(71)Name of Applicant :
(51) International classification	F24J2/18, F24J2/54,	1)THERMAX LIMITED Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE-411019,
(31) Priority Document No	:NA	MAHARASHTRA,INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)JANGADA JAYPRAKASH
(86) International Application No	:NA	2)AHMAD TANVEER
Filing Date	:NA	3)PATHAK ANAGHA
(87) International Publication No	: NA	4)ROHOM HEMANT
(61) Patent of Addition to Application Number	:NA	5)AGRAWAL ANKIT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses a solar concentrator (10) for biaxially displacing a solar dish supported on a supporting arrangement anchored to the ground. The biaxial displacement of the solar dish is achieved by supplying sensed data corresponding to the position of the sun in real time to a displacement mechanism. The sensed data is stored in a database as calibrated stored data for future reference in cloudy weather with passive tracking routines.

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

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

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPOSITE MATERIALS AND METHODS AND APPARATUS 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 	:61/376786 :25/08/2010 :U.S.A. :PCT/CA2011/000984 :25/08/2011 :WO 2012/024791 :NA :NA :NA	 (71)Name of Applicant : 1)TORXX GROUP INC. Address of Applicant :200, 1201 NICHOLSON ROAD, NEWMARKET, ONTARIO L3Y 9C3, CANADA. (72)Name of Inventor : 1)COYLE, Douglas
Filing Date	:NA	

(57) Abstract :

A composite material comprising a solid particulate material and a matrix material encapsulating the solid particulate material wherein each dividual particle of the solid particulate material is in contact with at least one adjacent solid particle. A method comprising providing a solid particulate material providing a mold evacuating the solid particulate material in the mold to remove gas in the void space between the particles of the particulate material evaluating the mold introducing the evacuated solid particulate material into the mold providing a fluid matrix material and introducing the fluid matrix material into the void spaces while constraining the solid particulate material.

No. of Pages : 30 No. of Claims : 42

(21) Application No.763/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : INTRUSION	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 	:G08B13/08 :208728 :14/10/2010 :Israel	 (71)Name of Applicant : 1)ISRAEL AEROSPACE INDUSTRIES LTD. Address of Applicant :1 Yizhak Nafha Street 84102 Beer Sheva Israel (72)Name of Inventor : 1)ELMALEM Avi 2)SHALEV Gil

(57) Abstract :

The invention relates to a two mode intrusion detection system comprising: (A) a plurality of spaced apart magnetic sensing units connected in chain like manner each sensing unit comprising: (a) a magnetic sensor s for sensing a 3 D magnetic field vector of the Earth; (b) an accelerometer for sensing a 3 D acceleration vector evolving from the acceleration g of the Earth; and (c) first communication means for conveying said sensed 3 D magnetic field vector and said sensed 3 D acceleration vector to a proximate processing unit; (B) one or more processing units each processing units; and (b) a processor. In calibration mode the sensed vectors are used to relate the physical components to a predefined coordinate system. In intrusion detection mode sensed magnetic field measurements are used to determine the occurrence and location of an intrusion.

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

(21) Application No.867/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPACT DIODE/THYRISTOR RECTIFIER ARCHITECTURE ALLOWING HIGH POWER

(51) International classification:H01L25/03,H02M7/00,H02M7/08		(71)Name of Applicant :
(31) Priority Document No	:1059313	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:10/11/2010	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:France	Baden Switzerland
(86) International Application No	:PCT/EP2011/069557 :07/11/2011	(72)Name of Inventor : 1)MARIADASSOU Prithu 2)DEVAUTOUD Lock
Filing Date (87) International Publication No	:WO 2012/062707	2)DEVAUTOUR Joel
(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 Gra«tz bridge converter rectifier wherein at least one rectifier arm located between a single AC terminal and a single DC terminal comprises multiple unidirectional electronic components (5) connected in parallel connected on one side to the DC terminal by means of a conductive assembly referred to as the component assembly and on another side to the AC terminal. The invention is characterized in that for at least one rectifier arm the component assembly comprises a plurality of separate component bars (9A 9B) each having at least one end connected to the DC terminal the unidirectional components (5) being distributed between the component bars (9A 9B) in as many parallel connected component assemblies (71 72) as there are component bars (9A 9B).

No. of Pages : 36 No. of Claims : 12

(21) Application No.868/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : DISPLAY INTEGRATED OPTICAL ACCELEROMETER

	¹ :PCT/US2011/058413	 (71)Name of Applicant : 1)QUALCOMM MEMS TECHNOLOGIES INC. Address of Applicant :5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)MARTIN Russel A. 2)KOTHARI Manish
Filing Date	:28/10/2011	3)GOUSEV Evgeni P.
(87) International Publication No	:WO 2012/061250	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An optical accelerometer and method of determining an acceleration are disclosed. In one aspect an accelerometer includes a light source a substrate a light guide attached to a first side of the substrate and configured to redirect light from the light source through the substrate. The accelerometer also includes a light detector a proof mass attached to a second side of the substrate via one or more springs wherein the second side is opposite the first side and wherein motion of the proof mass alters a characteristic of the light from the light detector and a processor configured to determine an acceleration based on the characteristic of the light reaching the light detector.

No. of Pages : 58 No. of Claims : 28

(21) Application No.869/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : SUITABLE HEPATOCYTES FOR IN VITRO GENOTOXICITY TESTS

:10 2010 041 958.3 :04/10/2010 :Germany	 (71)Name of Applicant : 1)MEDICYTE GMBH Address of Applicant :Im Neuenheimer Feld 581 69120 Heidelberg Germany (72)Name of Inventor : 1)BRASPENNING Adrianus J. C. M. 2)HEINZ Stefan 3)N-RENBERG Astrid 4)HEWITT Nicola
:NA :NA	5)KPPER Jan Heiner
	:10 2010 041 958.3 :04/10/2010 :Germany :PCT/EP2011/067295 :04/10/2011 :WO 2012/045731 :NA :NA :NA

(57) Abstract :

The invention relates to a method for carrying out genotoxicity tests of chemical biological and physical active substances or agents with the aid of cell culture systems of proliferating physiologically active liver cells.

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

(21) Application No.910/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : DISTRIBUTED A GNSS POSITIONING OF STATIC 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 	:61/419715 :03/12/2010 :U.S.A. :PCT/US2011/063073 :02/12/2011 :WO 2012/075397	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)EDGE Stephen William
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and apparatus for determining locations of static devices are disclosed. The method includes identifying a plurality of static devices obtaining location measurements by the plurality of static devices at different times and determining locations of the plurality of static devices using the location measurements obtained at the different times. The method of determining locations of the plurality of static devices includes determining a group location of the plurality of static devices based on GNSS pseudo range measurements contributed by the one or more static devices where the group location is near a centroid of the plurality of static devices. The method of determining locations of the runnber of GNSS pseudo range measurements contributed by each of the plurality of static devices. The method of determining locations of the plurality of static devices further includes sharing a common time reference among the plurality of static devices.

No. of Pages : 41 No. of Claims : 37

(21) Application No.101/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : LEVER TYPE	CONNECTOR	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01R13/629 :2010153786 :06/07/2010 :Japan :PCT/JP2011/065401 :05/07/2011	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)KAMIYA Jun
(87) International Publication No	:WO 2012/005267	2)TAKAGI Yukihiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a lever type connector wherein play in a state of having connector housings completely intermeshed with each other can be prevented from being generated and manufacturing cost can be reduced by easing the intermeshing precision between an intermeshing pin and a pin guiding slot. The lever type connector (21) has provided on a female connector housing (25) an intermeshing operation lever (29) for pulling an intermeshing pin (27) which is formed in protrusion on a male connector housing (23) into the terminal end side of a pin guiding slot (30) accompanying a pivoting motion by the intermeshing operation lever (29). The lever type connector (21) is provided at the terminal end side of the pin guiding slot (30) with a spring section (61) that comes in contact with the intermeshing pin (27) inside the pin guiding slot (30) in an elastically deformed state when the intermeshing between the connector housings (23 25) has been completed and that regulates the relative movement between the intermeshing operation lever (29) and the intermeshing pin (27).

No. of Pages : 31 No. of Claims : 2

(21) Application No.181/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROL DEVICE AND CONTROL METHOD FOR HYBRID VEHICLE

(51) International classification	:B60W10/10,B60K6/36,B60K6/48	(71)Name of Applicant :
(31) Priority Document No	:2010-157984	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:12/07/2010	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	:PCT/JP2011/065904 :12/07/2011	(72)Name of Inventor : 1)TAKEUCHI Masahiro 2)IKEGAMI Takefumi
(87) International Publication No	:WO 2012/008461A1	3)KURODA Shigetaka
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a control device for hybrid vehicles which comprises: an electric motor; an internal combustion engine; a capacitor for supplying power to the electric motor; a first input shaft that is connected to the motor and is selectively connected to the internal combustion engine via a first connection/disconnection part; a second input shaft that is selectively connected to the internal combustion engine via a second connection/disconnection part; a transmission having an output shaft for outputting power to driven sections; and an air conditioner compressor that is coupled to the first input shaft. When the vehicle is traveling at extremely low speeds using only the power from the electric motor if the storage state of the capacitor is at or below a predetermined level or the engine speed required by the air conditioner compressor is below a desired engine speed the transmission is controlled in a manner such that the first connection/disconnection part or the second connection/disconnection part is connected and the internal combustion engine is started using the power from the electric motor the second connection/disconnection part is connected and the internal combustion engine is coupled in a state between a completely engaged state or a completely disengaged state to transmit the power from the internal combustion engine to the output shaft. Thus it is possible to switch to a running mode suited to the storage status of the capacitor when a hybrid vehicle is travelling at extremely low speeds.

No. of Pages : 68 No. of Claims : 15

(21) Application No.277/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : INHIBITOR OF EXPRESSION OF DOMINANT ALLELE

(51) International classification	:A61K48/00,A61K31/713,A61P19/00	(71)Name of Applicant : 1)NATIONAL CENTER OF NEUROLOGY AND
(31) Priority Document No	:20101-39925	PSYCHIATRY
(32) Priority Date	:18/06/2010	Address of Applicant :1 1 Ogawahigashi cho 4 chome Kodaira
(33) Name of priority country	:Japan	shi Tokyo 1878551 Japan (72) Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/063878 :17/06/2011	1)HOHJOH Hirohiko 2)TAKAHASHI Masaki
(87) International Publication No	:WO 2011/158924 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for designing an RNAi molecule which permits the expression of a wild type or desired allele and can selectively and effectively inhibit the expression of only a specific dominant allele. Also disclosed is an inhibitor of the expression of a dominant allele containing the RNAi as an active ingredient. The inhibitor of the expression of a dominant allele contains an RNAi molecule having a structure in which a base length from a base point where a dominant point mutation occurs in a target dominant allele to the 5 end is set to a predetermined length and one mismatched base different from that in the sequence of a target gene is introduced at a predetermined position downstream of the base point.

No. of Pages : 96 No. of Claims : 18

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

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : POLYMER DISPERSIONS OF VINYLAROMATIC COMPOUNDS AND ACRYLATE MONOMERS PREPARED IN THE PRESENCE OF SEED LATEX AND CARBOHYDRATE COMPOUNDS

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C08F220/18,C08F2/22,C08F212/08 :10165832.6 :14/06/2010	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor :
(33) Name of priority country	y:EPO	1)SCHMIDT THMMES J¼rgen
(86) International Application No Filing Date	:PCT/EP2011/059779 :14/06/2011	2)EVSTATIEVA Elitsa 3)MOREL Aurelie 4)LAWRENZ Dirk
(87) International Publication No	¹ :WO 2011/157679 A1	5)SEYFFER Hermann
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Aqueous polymer dispersions and processes for preparing them are described. The polymer dispersions can be obtained by free radically initiated emulsion polymerization of from 19.9 to 80 parts by weight of vinylaromatic compounds from 19.9 to 80 parts by weight of acrylate monomers selected from among C1 C10 alkyl acrylates and C1 C10 alkyl methacrylates from 0.1 to 10 parts by weight of ethylenically unsaturated acids and from 0 to 20 parts by weight of other ethylenically unsaturated monomers wherein the emulsion polymerization is carried out in an aqueous medium in the presence of free radical forming initiators seed latex and at least one carbohydrate compound in the form of a degraded starch. The polymer dispersions are particularly suitable for producing paper coating compositions.

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

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

(19) INDIA

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

(43) Publication Date : 27/06/2014

:H04L29/06,H04M3/51 (71)Name of Applicant : (51) International classification :12/815476 (31) Priority Document No 1)WHISBI TECHNOLOGIES S.L. (32) Priority Date :15/06/2010 Address of Applicant :C/ Tarragona 110 E 08015 Barcelona (33) Name of priority country :U.S.A. Spain :PCT/IB2011/001179 (86) International Application No (72)Name of Inventor : 1)CANTERO ESCOL Jos Luis Filing Date :30/05/2011 (87) International Publication No :WO 2011/158078 2)BISBE TOSAT Alex (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 PROCEDURE FOR COMMERCIAL COMMUNICATIONS

(57) Abstract :

System comprising a server of webpages (2) containing a form which is accesible from a remote computer (52) by the user a main server (1) and a number of contact centres (4) which have at least a telephone terminal (43) a computer (44) and a webcam (41) connected to a videoconferencing server (42) to link an agent to the user and a PBX or secondary automatic private centre (3) connected to the main server (1) to establish a telephone connection between the user and the agent and the main server (1) comprises routing means of the computer (44) and of the videoconferencing server (42) of the contact centre (4). The procedure consists in that once the form has been filled out the PBX carries out a call to the user and if picked up searches for the most appropriate contact centre establishing a direct telephone communication while the main server (1) creates a videoconference virtual room through which the unidirectional video transmission of the webcam (41) is routed exclusively for the user.

No. of Pages : 15 No. of Claims : 6

(21) Application No.3287/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : TERMINAL BLOCK FOR SURGE PROTECTION HAVING INTEGRAL DISCONNECT

(51) International classification	:H01R9/24.H01R9/26	(71)Name of Applicant :
(31) Priority Document No	:61/388166	1)PHOENIX CONTACT DEVELOPMENT &
(32) Priority Date	:30/09/2010	MANUFACTURING INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :586 Fulling Mill Road Middletown
(86) International Application No	:PCT/US2011/048344	Pennsylvania 17057 U.S.A.
Filing Date	:19/08/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/047383	1)GILLESPIE Brian John
(61) Patent of Addition to Application	:NA	2)LAUBACH Christopher Jon
Number	:NA	3)MOSER Russell David
Filing Date	.1171	4)McCLELLAN David Michael
(62) Divisional to Application Number	:NA	5)MICKIEVICZ Scott Keith
Filing Date	:NA	6)LACEY Michael P.

(57) Abstract :

A terminal block is disclosed that integrates a surge protection base a disconnect and connection points to provide a Kelvin connection in which a surge protection element is in electrical communication with the ground and the connection points for incoming and outgoing wires. The terminal block includes a terminal body having a terminal body housing. a plurality of conductive elements arranged within the terminal body to create a continuous electrical path therethrough and a disconnect switch integral the terminal body the switch arranged to open the continuous electrical path and expose a terminal. The terminal body is configured to receive a surge protection element and the surge protection element when received in the terminal body forms a portion of the continuous electrical path.

No. of Pages : 37 No. of Claims : 30

(21) Application No.411/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : NORIBOGAINE COMPOSITIONS

(51) International classification	:A61K31/55,C07D487/22	(71)Name of Applicant :
(31) Priority Document No	:61/367310	1)DEMERX INC.
(32) Priority Date	:23/07/2010	Address of Applicant :4400 Biscayne Blvd. Suite 580 Miami
(33) Name of priority country	:U.S.A.	Florida 33137 U.S.A.
(86) International Application No	:PCT/US2011/045081	(72)Name of Inventor :
Filing Date	:22/07/2011	1)MORIARTY Robert M.
(87) International Publication No	:WO 2012/012764	2)MASH Deborah C.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are noribogaine compositions comprising a very high level of the 2(R) 4(S) 5(S) 6(S) and 18(R) enantiomer and not more than 0.5 wt% of ibogaine relative to the total amount of noribogaine.

No. of Pages : 20 No. of Claims : 12

(21) Application No.4815/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : APPARATUS, AND ASSOCIATED METHOD, FOR AFFIXING EXTERNAL CAMERA LENS TO DEVICE HAVING CAMERA FUNCTIONALITY

(51) International classification:G03B17//(31) Priority Document No:11195618(32) Priority Date:23/12/201(33) Name of priority country:EPO(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:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA	
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(57) Abstract :

An assembly for a device having camera functionality, such as a portable wireless device, provides for affixation of an external camera lens to the device. A magnetic coupler is positioned at the device. The magnetic coupler exerts magnetic forces that affix the external camera lens in position. Removal forces in excess of the magnetic forces are applied to remove the external lens out of the affixation at the device.

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

(21) Application No.10368/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PORTABLE IMAGE PROCESSING DEVICE

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:G03B27/62,G03G15/00,H04N1/00 :2010-113085 :17/05/2010	 (71)Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2011/058613 :05/04/2011	1)MATSUI Masao
(87) International Publication No	:WO 2011/145402 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A regulator member (91) is configured from a main body part (911) and a projection part (912) that is formed on the upper face of the main body part (911). The projection part (912) protrudes in a locking state toward the frontal face of a casing (1). An inclined face (921) is formed in an aperture part (92) of the casing (1) which houses the regulator member (91) said inclined face (921) inclined upwards from a rear face of the casing (1) toward the frontal face thereof. The depth of the aperture part (92) is formed such that the rear face side is deeper than the height of the regulator member (91) and the frontal face side is approximately the same depth as the height of the frontal face side of the main body part (911). An aperture part (93) of a source document cover (4) is formed in the frontal face side such that a sideways U shaped depression (931) opens toward the rear face side of the casing (1). When located in the frontal face side of the casing (1) the regulator member (91) engages the projection part (912) with the depression part (931).

No. of Pages : 44 No. of Claims : 16

(21) Application No.120/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PHOTOSENSITIVE ADHESIVE COMPOSITION PHOTOSENSITIVE ADHESIVE FILM AND SEMICONDUCTOR DEVICE USING EACH

 (32) Priority Date (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 	2010-156503 09/07/2010 Japan PCT/JP2011/063308 10/06/2011 WO 2012/005079 A1 NA NA	 (71)Name of Applicant : 1)TORAY INDUSTRIES INC. Address of Applicant :1 1 Nihonbashi Muromachi 2 chome Chuo ku Tokyo 1038666 Japan (72)Name of Inventor : 1)MATSUMURA Kazuyuki 2)SUGIMOTO Kanako 3)NIWA Hiroyuki 4)INAGAKI Chikara
(62) Divisional to Application :Number	NA NA	

(57) Abstract :

The disclosed photosensitive adhesive composition contains (A) an alkali soluble polyimide having a particular structural unit and having a particular structure at at least one principal chain terminus (B) a glycidylamine epoxy composition having a particular structure (C) a photopolymerizable compound and (D) a photopolymerization initiator and the glass transition temperature of the alkali soluble polyimide (A) is at least 160°C. The photosensitive adhesive composition can form a pattern by means of an alkaline developer has excellent thermocompression bondability at low temperatures to a substrate having an uneven surface after exposure and has a high adhesive strength even at high temperatures.

No. of Pages : 60 No. of Claims : 13

(21) Application No.488/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : RESOURCE UTILIZATION MEASUREMENTS FOR HETEROGENEOUS NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:28/06/2011	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)VAJAPEYAM Madhavan Srinivasan
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/006085 :NA :NA :NA :NA	2)SONG Osok 3)GUPTA Ajay 4)JAIN Vikas 5)JI Tingfang 6)AGASHE Parag Arun

(57) Abstract :

Interference issues between wireless network devices are mitigated. An evolved node B (eNodeB) may experience higher cell load or higher interference when serving user equipment (UEs) that are operating in an cell range extension (CRE) area in which the UEs are strongly affected by aggressor eNodeBs. An eNodeB experiencing higher cell load or serving user equipments (UEs) under higher interference generally requests an interfering/aggressor eNodeB to repartition some of its resources. Repartitioning of resources however may have a negative impact on the eNodeB serving CRE area UEs. In one aspect a new measurement of utilization accounts for CRE status and differentiates between protected and unprotected resources such as sub frames.

No. of Pages : 37 No. of Claims : 22

(21) Application No.50/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A M	METHOD FOR SINTERING	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:H01M4/86,H01M8/12,H01M4/88 :10007032.5 :07/07/2010 :EPO :PCT/EP2011/003230 :30/06/2011 :WO 2012/003937	 (71)Name of Applicant : 1)TECHNICAL UNIVERSITY OF DENMARK Address of Applicant :Anker Engelundsvej 1 Bygning 101A DK 2800 Kgs. Lyngby Denmark (72)Name of Inventor : 1)LINDEROTH Soren
 (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 provides a method for sintering comprising in the following order the steps of: providing a body in the green state or in the pre sintered state on a support; providing a load on at least one spacer on the support such that the load is located above said body in the green state or in the pre sintered state without contacting the body; heat treating the body in the green state or in the pre sintered state at a temperature above the decomposition temperature of organic components contained in the green body and below the softening temperature or decomposition temperature of the spacer; heat treating the body in the green state or in the pre sintered state at a temperature above the softening point or decomposition temperature of the spacer and below a sintering temperature such that the load contacts the body and sintering the body in the green state.

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

(21) Application No.188/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR REVAMPING A SELF STRIPPING UREA PLANT AND PROCESS FOR SYNTHESIS OF UREA

(51) Internationalclassification(31) Priority Document No	:C07C273/04,B01J10/00,B01D53/94 :10166224.5	1)UREA CASALE SA Address of Applicant :Via Giulio Pocobelli 6 CH 6900
(32) Priority Date(33) Name of prioritycountry(86) International	:16/06/2010 :EPO	Lugano Besso Switzerland (72)Name of Inventor : 1)SCOTTO Andrea 2)GABBIADINI Serena
Application No Filing Date	:PCT/EP2011/058741 :27/05/2011	3)BERTINI Paolo
(87) International Publicatio No	ⁿ :WO 2011/157530 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for revamping a self stripping urea plant is disclosed where an intermediate recovery section (30) is installed between the existing high pressure section and medium pressure section; a stream of urea solution (15A) which is delivered by the high pressure section is directed to said intermediate section (30) and a flow of concentrated solution (15B) from said intermediate section is directed to said medium pressure section the intermediate section operating at a pressure between those of the high and medium pressure sections. A related process and plant are also disclosed.

No. of Pages : 23 No. of Claims : 13

(21) Application No.406/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PACKAGING WITH MONOAXIALLY ORIENTED FILM

(33) Name of priority country(86) International	:B65D75/20,B65D75/58,B65D85/36 :1015055.5 :10/09/2010 /:U.K. :PCT/GB2011/051594	 (71)Name of Applicant : 1)CADBURY UK LIMITED Address of Applicant :PO Box 12 Bournville Lane Bournville Birmingham West Midlands B30 2LU U.K. (72)Name of Inventor : 1)CHEEMA Parbinder
Application No Filing Date (87) International Publication	:24/08/2011	
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A flexible package (14) comprises one or more lengths of flexible material (16) arranged to define an internal cavity closed by means of seals (18 22 24) in which opposed regions of the material are bonded together. At least one seal (22) has a tab portions (30) in which the material is not bonded to an opposing region of material. The material (16) has directional tear characteristics and is oriented so as to tear preferentially in a direction orthogonal to the direction of said seal. The package is opened by pulling the tab portions (30) so that the material tears along either side of the tab portions in the manner of a tear strip. The material (16) may consist exclusively of a single layer of monoaxially oriented polypropylene film. The tab portions (30) may be formed in an end seal (22) so that material tears in a longitudinal direction of the package.

No. of Pages : 23 No. of Claims : 24

(21) Application No.435/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : VIBRATION DEVICE AND ELECTRONIC DEVICE

	110 /D 17/00 110 /D 2/00	
(51) International classification	:H04R17/00,H04R3/00	(71)Name of Applicant :
(31) Priority Document No	:2010166549	1)NEC CORPORATION
(32) Priority Date	:23/07/2010	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2011/004035	(72)Name of Inventor :
Filing Date	:14/07/2011	1)ONISHI Yasuharu
(87) International Publication No	:WO 2012/011256	2)KURODA Jun
(61) Patent of Addition to Application	:NA	3)KOMODA Motoyoshi
Number	:NA	4)SATOU Shigeo
Filing Date	.INA	5)MURATA Yukio
(62) Divisional to Application Number	:NA	6)KISHINAMI Yuichiro
Filing Date	:NA	7)KAWASHIMA Nobuhiro

(57) Abstract :

An elastic diaphragm (110) is divided into multiple elastic vibration regions (112) by slits (111) of a prescribed shape. Piezoelectric vibrators (120) mounted individually on at least some of the multiple elastic vibration regions (112) of said elastic diaphragm (110) are stretch vibrated by applying an electric field. For that reason the elastic vibration regions (112) of the one elastic diaphragm (110) can by vibrated individually by means of the multiple piezoelectric vibrators (120). Consequently the peak value of the vibration frequency can be freely adjusted for each elastic vibration region.

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

(19) INDIA

(22) Date of filing of Application :30/11/2012

(21) Application No.5001/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD TO DETERMINE A TIME CONSTANT FOR REGULATING AN ENGINE SPEED OF AN INTERNAL COMBUSTION ENGINE

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANOJKUMAR SOMABHAI PARMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of removing oscillations from an engine speed signal during operation of an internal combustion engine, said oscillations are removed from a filter having a transfer function (G(s)) defined with a time constant (T), said method comprising the steps: measuring the engine speed signal (x(t)), sampling (x[n]) said measured engine speed signal for a predetermined time in a time domain, converting said sampled engine speed signal into a frequency domain engine speed signal (x[k]), identifying a maximum amplitude sample (A,,) from said sampled frequency domain signal (x[k]), determining a maximum gain frequency (Fmx) from said identified maximum amplitude sample, estimate a accurate gain frequency (Femx) for said determined maximum gain frequency; and determining a time constant (T) from said accurate gain frequency (Femx) for operating said transfer function (G(s)).

No. of Pages : 10 No. of Claims : 2

(21) Application No.222/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SEMIFINISHED PRODUCT FOR THE PRODUCTION OF FIBRE COMPOSITE COMPONENTS BASED ON STABLE POLYURETHANE COMPOSITIONS

(51) International classification	:B32B3/12,B32B3/28,B32B5/02	(71)Name of Applicant :
(31) Priority Document No	:10 2010 030 233.3	1)EVONIK DEGUSSA GMBH
(32) Priority Date	:17/06/2010	Address of Applicant :Rellinghauser Strae 1 11 45128 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No.):PCT/EP2011/058055	(72)Name of Inventor :
Filing Date	:18/05/2011	1)SCHMIDT Friedrich Georg
(87) International Publication No	:WO 2011/157507	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.na	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract :

The invention relates to a semifinished product for the production of fibre composite components comprising at least two walls of fibre filled matrix material which are angled in a meandering manner and are thermally joined to one another to form a symmetrical core structure. The invention addresses the problem of providing a semifinished product which is suitable as a core structure for a fibre composite component in sheet form that has better draping qualities as a result of the not yet cured matrix but at the same time is sufficiently stable in terms of its shape and composition that it can be easily handled. This problem is solved by using as the matrix material a polyurethane composition which contains as a binder a polymer having functional groups that are reactive with respect isocyanates and contains as a hardener diisocyanate or polyisocyanate that is blocked internally and/or by blocking agents.

No. of Pages : 29 No. of Claims : 8

(21) Application No.439/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : VIBRATION DEVICE AND ELECTRONIC DEVICE

(51) International classification	:H04R17/00,H01L41/09,H04R3/00	(71)Name of Applicant : 1)NEC CORPORATION
(31) Priority Document No	:2010-166550	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(32) Priority Date	:23/07/2010	1088001 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application	:PCT/JP2011/004036	1)ONISHI Yasuharu
No	:14/07/2011	2)KURODA Jun
Filing Date	.14/07/2011	3)KOMODA Motoyoshi
(87) International Publication	:WO 2012/011257 A1	4)KISHINAMI Yuichiro
No	.WO 2012/011257 AI	5)MURATA Yukio
(61) Patent of Addition to	:NA	6)SATOU Shigeo
Application Number	:NA :NA	7)UCHIKAWA Tatsuya
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.11/2	

(57) Abstract :

Multiple piezoelectric vibrators (111 113) in a vibration device (100) are supported by a vibrator support mechanism (120) and individually output highly directional sound waves. The piezoelectric vibrators (111 113) are formed by dividing by means of the vibrator support mechanism (120) a laminate body comprising an elastic member and a piezoelectric body. Because the piezoelectric vibrators need not be arranged in a matrix the whole device can be made more compact. At least one piezoelectric vibrator may optionally have a sound deflection means for deflecting the outputted sound waves.

No. of Pages : 35 No. of Claims : 10

(22) Date of filing of Application :21/01/2013

(19) INDIA

(21) Application No.481/CHENP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : FORCED DEPLOYMENT SEQUENCE HANDLE ASSEMBLY WITH INDEPENDENT ACTUATING MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:16/08/2011	 (71)Name of Applicant : 1)GORE ENTERPRISE HOLDINGS INC.
Filing Date (87) International Publication No (61) Patent of Addition to Application	:WO 2012/024308	Address of Applicant :551 Paper Mill Road P.O. Box 9206 Newark DE 19714 9206 U.S.A. (72)Name of Inventor : 1)SOKEL Justin W.
	:WO 2012/024308 :NA :NA :NA :NA	

(57) Abstract :

A handle assembly for use in the deployment of a medical device via a plurality of deployment lines that extend through a catheter. The handle assembly includes a plurality of removable members for deployment or actuation of the medical device. The handle assembly also includes an actuating mechanism for displacing a wire extending through the catheter for actuating the medical device independently of the plurality of removable members.

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

(21) Application No.514/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : RARE EARTH PERMANENT MAGNET AND PRODUCTION METHOD FOR RARE EARTH PERMANENT MAGNET

(57) Abstract :

Provided are a rare earth permanent magnet and a production method for the rare earth permanent magnet that are capable of preventing a reduction in magnet characteristics. A mixture is generated by grinding a magnet raw material into a magnet powder and mixing the ground magnet powder and a binder comprising: a polymer or copolymer of monomers that do not include long chain hydrocarbons or oxygen atoms; or a mixture thereof. The generated mixture is formed into a sheet shape and a green sheet is produced. Then the binder is decomposed into monomers by performing a depolymerization reaction etc. by holding the produced green sheet for a set period at a binder decomposition temperature in a non oxidizing atmosphere then scattered and removed and a permanent magnet (1) is produced by increasing the temperature to a sintering temperature and sintering the binder removed green sheet.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(21) Application No.5141/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : DETERMINING A PIXEL CLASSIFICATION THERSHOLD FOR VEHICLE OCCUPANCY DETECTIOIN

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:13/324,308	1)XEROX CORPORATION
(32) Priority Date	:13/12/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAO RONG WANG
(87) International Publication No	: NA	2)BEILEI XU
(61) Patent of Addition to Application Number	:NA	3)PETER PAUL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

What is disclosed is a system and method for determining a pixel classification threshold for vehicle occupancy determination. An IR image of a moving vehicle is captured using a multi-band IR imaging system. A drivers face is detected using a face recognition algorithm. Multi-spectral information extracted from pixels identified as human tissue of the drivers face is used to determine a pixel classification threshold. This threshold is then used to facilitate a classification of pixels of a remainder of the IR image. Once pixels in the remainder of the image have been classified, a determination can be made whether the vehicle contains additional human occupants other than the driver. An authority is alerted in the instance where the vehicle is found to be traveling in a HOV/HOT lane requiring two or more human occupants and a determination has been made that the vehicle contains an insufficient number of human occupants.

No. of Pages : 38 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :16/01/2013

(21) Application No.371/CHENP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2010162458 :20/07/2010 :Japan :PCT/JP2011/066773 :15/07/2011 :WO 2012/011594 :NA :NA	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)KOBAYASHI Tohru 2)YAMAMOTO Shoji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A connector (1) with a cover (20) includes a connector housing (10) and the cover (20). The cover (20) leads an electric wire (2) from the connector housing (10) to an outside. An electric wire fixing portion (40) is provided at an electric wire leading port (41) formed in the cover (20) where the electric wire (2) is led out. A flange portion (42) is provided at an end portion of the electric wire fixing portion (40) where the electric wire (2) is pulled out from the connector housing (10). A rib (45) is provided on outer surface of the electric wire fixing portion (40). A biding band winding space (48) is provided between an end of the rib (45) and the flange portion (42). An interval therebetween has a width equal to a width of a binding band (50). The electric wire (2) is fixed by the binding band (50) wound on the binding band winding space (48). A band passing hole (49) is formed between the end of the rib (45) and the flange portion (42).

No. of Pages : 27 No. of Claims : 4

(21) Application No.437/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : INSERTION INSTRUMENT FOR INSERTING SOCKET INSETS INTO HIP SOCKETS FOR HIP ENDOPROSTHESES

(57) Abstract :

The invention relates to an insertion instrument for instrumented insertion of a socket inset (4) with a spherical cap (20) into a hip socket (5) of a hip joint prosthesis having an impacting instrument (1) with a handle (7) at one end of which a holding tool for the socket inset (4) is located. In order to avoid tilting of the socket inset during insertion it is proposed that the one end (8) of the impacting instrument (1) has a spherical shape and is part of the holding tool and the holding tool furthermore comprises an impacting head (2) which is designed as a separate component and receives the spherical end (8) of the impacting instrument (1) in an articulated manner and an insertion aid (3) which is designed as a separate component and serves to hold the socket inset (4) on the outer geometry of the impacting head (2) and the impacting head (2) can be connected to the spherical end (8) to form a ball joint.

No. of Pages : 46 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :26/11/2012

(21) Application No.4919/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD TO CONFIGURE SPEED AND POSITION IN SERVO DRIVE (51) International classification :G11B (71)Name of Applicant : (31) Priority Document No :NA 1)SCHNEIDER ELECTRIC INDUSTRIES SAS (32) Priority Date :NA Address of Applicant :35, RUE JOSEPH MONIER, F-92500 (33) Name of priority country :NA **RUEIL MALMAISON France** (86) International Application No :NA (72)Name of Inventor: Filing Date 1)BALAJI BALARAMAN :NA 2)PARTHASARATHY VENKATESH (87) International Publication No : NA (61) Patent of Addition to Application Number 3)SELVAKUMAR RATHINASWAMY :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to the configuration of speed and position of the servo drive. In existing Servo systems to execute high speed and highly accurate positioning application motion controllers or pic with high speed outputs are needed and for that the user need to program and do the scaling of speed and position counts before sending to servo drive. The present invention is to make drive to receive Speed and Position reference command in the user readable units like mm, inch, deg and converts it into drive units(counts) based on the selected transmission mechanism inside the servo drive such as Ball-screw mechanism, belt-pulley, Rack & pinion mechanism...etc. Further, it implements the motion commands inside the servo drive such as absolute move, relative move, Homing, Jogging ...etc. The j invention is applicable in machine tool applications, packaging applications, indexing applications robotics and other servo applications.

No. of Pages : 26 No. of Claims : 14

(21) Application No.544/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING AN ADHESIVE BY MEANS OF EXTRUSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B29C47/50,C09J123/12,B29C47/92 :10 2010 038 488.7 :27/07/2010 :Germany :PCT/EP2011/062892 :27/07/2011	 (71)Name of Applicant : 1)HENKEL AG & CO. KGAA Address of Applicant :Henkelstr. 67 40589 D¹/4sseldorf Germany (72)Name of Inventor : 1)KASPER Dirk 2)HOFFMANN Knut 3)PADURSCHEL Petra 4)M-LLER Thomas
(87) International Publication	¹ :WO 2012/013699	5)HOFFMANN Gunter 6)LOTZ J¼rgen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)ROMAGUERA MATAS Jordi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a process for manufacturing an adhesive by extrusion wherein the adhesive comprises at least one degraded polypropylene (co)polymer and at least one additional additive.

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

(21) Application No.249/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPACT	ADSORPTION DRYER	
 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B01D53/26,B01D53/04 :10 2010 036 382.0 :13/07/2010 :Germany :PCT/EP2011/061776 :11/07/2011 :WO 2012/007433 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BEKO TECHNOLOGIES GMBH Address of Applicant :Im Taubental 7 41468 Neuss Germany (72)Name of Inventor : 1)SCHLENSKER Herbert 2)SINSTEDTEN Johannes

(57) Abstract :

An adsorption dryer (20) for processing gases, in particular compressed air, having a control head (24) with valves (28), pipe connections (26) and means for receiving cartridges, and at least two cartridges (22) which can be connected to the control head (24) and are filled with adsorption means and to which a stream of fluid can be supplied, as required, via the control head (24). The cartridges (22) each have a cover (30), a cartridge casing (32), a base (34) and a central pipe (36) which extends through the cover (30) into an interior space (46) of the cartridge (22). The adsorption dryer (20) is characterized in that the cover (30), the cartridge casing (32) and the base (34) of the cartridges (22) can each be secured in place with respect to one another via the central pipe (36), the central pipe (36) in each case projects out of the cartridge (22) and serves as a connecting means for the control head (24), and the cartridge (22) itself is of compression-resistant design. The ends of the cartridges (22) are free from any connecting and valve technology.

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

(21) Application No.487/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSDERMAL ADHESIVE COMPOSITIONS DEVICES AND 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 	:PCT/US2011/044522 :19/07/2011 :WO 2012/012417 A1	 (71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A. (72)Name of Inventor : 1)DIZIO James P. 2)JOHNSON Elizabeth E. 3)WU Zheng Zhi 4)PRESZLER PRINCE Amy
Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	
Number Filing Date	:NA	

(57) Abstract :

A stable transdermal adhesive composition comprising: an adhesive comprising a washed polymerization reaction product of at least two ethylenically unsaturated monomers; and at least one pharmaceutically active compound which is susceptible to oxidative degradation; wherein the at least two ethylenically unsaturated monomers if present in the adhesive as unreacted monomers are present at a level of less than 200 ppm of total unreacted monomer based upon the total weight of the adhesive methods of making the composition a transdermal drug delivery device using the composition methods of making the device and methods of delivery the pharmaceutically active compound are provided.

No. of Pages : 33 No. of Claims : 39

(21) Application No.526/CHENP/2013 A

(19) INDIA

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

(54) Title of the invention : METAL FREE BLEACHING COMPOSITION

(43) Publication Date : 27/06/2014

(71)Name of Applicant : (51) International :C07C225/10,C11D3/39,C07D223/04 classification 1)BASF SE (31) Priority Document No: :61/358965 Address of Applicant :67056 Ludwigshafen Germany (32) Priority Date :28/06/2010 (72)Name of Inventor : (33) Name of priority 1)FREY Markus :U.S.A. country 2)ROHWER Hauke (86) International 3)WENDEBORN Frdrique :PCT/EP2011/060367 Application No 4)HAZENKAMP Menno :21/06/2011 Filing Date (87) International :WO 2012/000846 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 present invention relates to the use of a composition comprising specific a amino ketones HO a HO precursor or a peracid and optionally an activator as a bleaching mixture for textile materials or dishes either manually or in an automatic washing machine or dish washer. Further aspects of the invention are the composition comprising specific a aminoketones and HO a HO precursor or a peracid and a process for bleaching of stains or of soiling on textile materials or dishes in the context of a washing process either manually or in an automatic washing machine or dish washer. Also aspects of the invention are detergent formulations comprising such a composition and novel compounds.

No. of Pages : 70 No. of Claims : 15

(21) Application No.552/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : THERMAL LINK

(51) International classification:H01H37/76,H01H85/12,H01H85/06(31) Priority Document No (32) Priority Date:10 2010 038 401.1(32) Priority Date:26/07/2010(33) Name of priority country:Germany(86) International Filing Date:PCT/EP2011/062793 :26/07/2011(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/016882 A1(87) International Publication No (61) Patent of Addition to Application Number Filing Date:NA :NA :NA(62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)VISHAY BCCOMPONENTS BEYSCHLAG GMBH Address of Applicant :Rungholtstrae 8 10 25746 Heide Germany (72)Name of Inventor : 1)AURICH Joachim 2)ZUM FELDE Ulf 3)KRGER Bernd 4)MEX Laurent 5)WERNER Wolfgang
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(57) Abstract :

In order to provide a method for isolating a circuit and a thermal link wherein the link has a very low resistance and is suitable for high currents in particular very high short load currents and also has a high degree of reliability in particular under difficult conditions such as thermal and mechanical loading which lasts for a relatively long time for example the invention proposes that during the phase transition of the material of the fusible element (10) from the solid to the liquid state the volume of the fusible element (10) increases and the pressure increases and owing to the increase in volume and the increase in pressure the fusible element (10) is dislodged so as to break the electrical connection.

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

(21) Application No.148/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUDIO SIGNAL PROCESSING DEVICE METHOD PROGRAM AND RECORDING MEDIUM

	:H04S1/00,G10L11/00,G10L21/02	
(31) Priority Document No	:2010-156787	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:09/07/2010	Address of Applicant :22 - 22 Nagaike cho Abeno ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5458522 Japan
(86) International Application	:PCT/JP2011/063043	(72)Name of Inventor :
No	:07/06/2011	1)SATO Junsei
Filing Date	.07/00/2011	
(87) International Publication No	:WO 2012/005074 A1	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	·NI A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

An audio signal processing device capable of separating audio signal components which heighten immersiveness from two channels of audio signals and increasing or decreasing pressure for the components is provided. An audio signal processing device (illustrated as an audio signal processing unit (20)) is provided with a signal extraction unit (illustrated as a signal separation and extraction unit (23)) for extracting from input audio signals of two channels decorrelated signals derived from the signals; decorrelated signal increase/decrease units (illustrated as gain adjustment units (25a and 25b)) for increasing or decreasing signals extracted at the signal extraction unit; and an audio signal summing unit for summing the signals that have been increased or decreased at the decorrelated signal increase/decrease units and the input audio signal.

No. of Pages : 51 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :29/05/2009

(21) Application No.3040/CHENP/2009 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : LUBRICATION SYSTEM FOR RIGHT-ANGLE DRIVES USED WITH UTILITY VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)FAIRFIELD MANUFACTURING COMPANY Address of Applicant :U.S.ROUTE 52 SOUTH, WEST LAFAYETTE, IN 47903 U.S.A. (72)Name of Inventor : 1)SCHOON DENIA MINE WARDEN
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:08/03/2008 :WO 2008/118625 :NA :NA :NA :NA	1)SCHOON, BENJAMIN, WARREN, 2)DAMMON, JAMES, R;

(57) Abstract :

A bearing lubrication device in a right angle gear reducer includes a gear hou having an interior portion and a lubricating fluid reservoir therein. An oil slinger, rot pinion shaft, pinion shaft housing, and bearings for supporting the pinion shaft withi pinion shaft housing work together to provide a continuous supply of oil to the bearii The pinion shaft includes two radially and longitudinally extending passageways therethrough which supply oil from a recess in one end of the pinion shaft to the bea Oil is slung from the reservoir into the recess of the rotating pinion shaft where it is forced outwardly and through the passageways to a chamber formed by the rotating pinion shaft, shaft housing and bearings. The roller bearings pump the oil from the chamber back to the fluid reservoir. Oil passageways in the shaft housing enable the return of oil from one bearing set.

No. of Pages : 73 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/11/2012

(21) Application No.4793/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : ULTRA HIGH STRENGTH SCREW HAVING A HIGH YIELD RATIO

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C21D1/00 :10 2011 055 497.1 :18/11/2011 :Germany :NA :NA	 (71)Name of Applicant : 1)KAMAX HOLDING GMBH & CO. KG Address of Applicant :DRRUDOLF-KELLERMANN- STRABE 2, 35315, HOMBERG (OHM) Germany (72)Name of Inventor : 1)HORST DIETERLE 2)UWE MERSCHROD
 (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 :

A high strength screw (2), especially an ultra high strength screw (2) having a tensile strength Rm of at least 1400 N/mm2, having a bainite structure has a yield ratio of at least 0.95. The screw (2) belongs to the new strength classes 14.10, 15.10, 16.10 or 17.10. The high yield ratio is realized by heat treatment of the screw (2).

No. of Pages : 22 No. of Claims : 15

(21) Application No.568/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO ELECTRIC VEHICLES

(51) International classification	:B60K1/04,B62D21/02,B62D21/03	(71)Name of Applicant : 1)GORDON MURRAY DESIGN LIMITED
(31) Priority Document No	:1012332.1	Address of Applicant : Wharfside Broadford Park Shalford
(32) Priority Date	:22/07/2010	GU4 8EP U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/GB2011/001105 :22/07/2011	1)MURRAY Ian Gordon
(87) International Publication No	:WO 2012/010850	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Electric vehicles usually inherit a chassis (12) of a pressed steel construction from a conventional vehicle design. This imposes a substantial weight penalty on the vehicle. We disclose a chassis element for a vehicle formed of an outer skin (22) material an inner core (24) material enveloped by the outer skin material and at least one array of aligned fibres and comprising a restraint for an electrical battery (100) adapted to locate the battery over the at least one array. There can be multiple arrays of aligned fibres preferably disposed at a transverse angle relative to each other of less than 90°. We particularly prefer three arrays of aligned fibres which can be disposed relative to each other at an angle of 60°. The fibres can be disposed within the skin material. The restraint ideally comprises an upstanding wall which will serve to confine the batteries in the event of a collision or other sudden movement but will allow them to be replaced easily for maintenance purposes or to replace an exhausted set of batteries with a charged set. Alternatively the restraint can comprise an attachment point (18) for the battery. The core material is preferably less dense than the skin material thereby allowing the composite element to have a light weight and a high rigidity. The application also relates to a vehicle comprising a chassis an electric motor a chassis element as set out above and electrical connections from the battery to the motor wherein the chassis element is attached to the chassis via removable fixings extending through the fixing points (20) of the chassis element into corresponding fixing points on the chassis.

No. of Pages : 16 No. of Claims : 13

(21) Application No.410/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : MIXED MANGANESE FERRITE COATED CATALYST METHOD OF PREPARING THE SAME AND METHOD OF PREPARING 1 3 BUTADIENE USING THE SAME

 classification (31) Priority Document No (32) Priority Date (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/KR2011/003861 :26/05/2011 :WO 2012/011659 A2 :NA :NA	 (71)Name of Applicant : SK INNOVATION CO. LTD. Address of Applicant :99 Seorin dong Jongro gu Seoul 110 10 Republic of Korea (72)Name of Inventor : 1)KWON Yong Tak 2)KIM Tae Jin 3)CHUNG Young Min 4)KIM Ok Youn 5)OH Seung Hoon
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(57) Abstract :

This invention relates to a method of preparing a mixed manganese ferrite coated catalyst and a method of preparing 1 3 butadiene using the same and more particularly to a method of preparing a catalyst by coating a support with mixed manganese ferrite obtained by co precipitation at 10 40 using a binder and to a method of preparing 1 3 butadiene using oxidative dehydrogenation of a crude C4 mixture containing n butene and n butane in the presence of the prepared catalyst. This mixed manganese ferrite coated catalyst has a simple synthetic process and facilitates control of the generation of heat upon oxidative dehydrogenation and is very highly active in the dehydrogenation of n butene.

No. of Pages : 17 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(21) Application No.420/CHENP/2013 A

(54) Title of the invention : SYSTEM AND METHOD TO PREVENT MANIPULATION OF TRANSMITTED VIDEO DATA

 (51) International 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 	:G06F21/00,H04N7/24 :61/364834 :16/07/2010 :U.S.A. :PCT/EP2011/060651 :24/06/2011 :WO 2012/007262	 (71)Name of Applicant : 1)NAGRAVISION S.A. Address of Applicant :Route de Gen[°] ve 22 24 CH 1033 Cheseaux sur Lausanne Switzerland (72)Name of Inventor : 1)KUDELSKI Andr 2)NICOLAS Christophe
6	:WO 2012/007262	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The aim of the invention is to provide a solution to ensure that the content sent by the IRD is the content effectively displayed on the screen. It is then proposed a system to prevent manipulation of transmitted video data comprising an Integrated Receiver Decoder (IRD) receiving audio/video data a display device (TV) said IRD comprising means to transmit an HDMI compliant audio/video stream toward the display device characterized in that the system further comprises means to add an over encryption layer to said HDMI/HDCP stream before reaching the display device and means to remove this added encryption layer so as to recover said HDMI/HDCP stream before processing said HDMI/HDCP stream by said display device.

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

(21) Application No.4495/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : OPEN CHANNEL FEED DILUTION SYSTEM FOR A THICKENER OR SETTLING 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 	:09/12/2011 :WO 2012/082530 A1 :NA	 (71)Name of Applicant : 1)FLSMIDTH A/S Address of Applicant :77 Vigerslev Alle DK 2500 Valby Denmark (72)Name of Inventor : 1)LAROS Timothy John 2)BACZEK Frank Andrew
(61) Patent of Addition to Application	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An open channel infeed conduit of a feed dilution system of a thickener/clarifier settling tank is provided with orifices between its upstream inlet end and its outlet end. The orifices are positioned proximate to and in fluid communication with the clarified liquid phase in the tank to draw clarified liquid from the tank into the conduit responsive to or by virtue of momentum transfer between the flow of the liquid slurry feed stream in the conduit and the clarified liquid in the tank.

No. of Pages : 30 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :21/01/2013

(21) Application No.490/CHENP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR THE OXIDATION OF ALKYLAROMATIC HYDROCARBONS CATALYZED BY N HYDROXY 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 Application Number Filing Date (57) Abstract in 	:C07C37/08,C07C45/53,C07C409/10 :MI2010A001159 :25/06/2010 :Italy :PCT/IB2011/001411 :20/06/2011 :WO 2011/161523 :NA :NA :NA	 (71)Name of Applicant : 1)VERSALIS S.P.A. Address of Applicant :Piazza Boldrini 1 I 20097 San Donato Milanese (MI) Italy (72)Name of Inventor : 1)RECUPERO Francesco 2)PUNTA Carlo 3)MELONE Lucio 4)PROSPERINI Simona 5)PASTORI Nadia
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(57) Abstract :

Process for the oxidation of alkylaromatic hydrocarbons to hydroperoxide catalyzed by N hydroxy derivatives in the presence of a solvent which includes recovering the catalyst from the oxidation mixture by the possible removal of the solvent by distillation and/or cooling of the oxidation mixture with the consequent precipitation and filtration of the N hydroxy derivative catalyst and adsorption with non basic adsorbing solids for the substantially complete recovery of the catalyst.

No. of Pages : 27 No. of Claims : 24

(21) Application No.57/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ETHYLENE POLYMER BLENDS AND ORIENTED ARTICLES WITH IMPROVED SHRINK RESISTANCE

(51) International classification	:C08L23/08	(71)Name of Applicant :
(31) Priority Document No	:PCT/ES2010/070466	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:06/07/2010	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:Spain	U.S.A.
(86) International Application No	:PCT/US2011/041718	(72)Name of Inventor :
Filing Date	:24/06/2011	1)SANDKUEHLER Peter
(87) International Publication No	:WO 2012/005974 A1	2)MARTIN Jill
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an oriented article for example a yarn tape or filaments made from a three component polymer blend.

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

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

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A	SEAT BELT ARRANGEMENT	
(31) Priority Document No	:B60R22/02,B60R22/22,B60R22/26 :1012340.4 :23/07/2010 :U.K. :PCT/GB2011/001083 :19/07/2011	 (71)Name of Applicant : 1)GORDON MURRAY DESIGN LTD Address of Applicant :Wharfside Broadford Park Shalford GU4 8EP U.K. (72)Name of Inventor : 1)MURRAY Ian Gordon
(97) International Dublication	:WO 2012/010833	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A seat belt arrangement for a vehicle seat having a seat part and a back part and which is positioned substantially centrally between the nearside and offside of a vehicle first and second anchorage points are provided on the vehicle structure on opposite sides of the seat part the first anchorage point providing an anchorage for one end of the seat belt and the second anchorage point comprising a latching mechanism for receiving a latch carried by the seat belt. A third anchorage point comprising a retractor system is located on the vehicle structure behind the seat. The first second and third anchorage points are each located at a relatively low position; and an upper mounting provided on the back part (towards an upper end thereof) is at a higher level than the first second and third anchorage points. In a secured position a seat belt extends behind the back part of the seat from the retractor system to the upper mounting through the upper mounting in front of the front of the back part diagonally from the upper mounting to the latching mechanism of the second anchorage point and over the seat part from the latching mechanism to the first anchorage point.

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

(21) Application No.207/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONNECTION METHOD OF TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:H01R43/02,H01R4/02,H01R4/18 :2010-159924 :14/07/2010 :Japan :PCT/JP2011/066075 :14/07/2011 :WO 2012/008519 A1	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)ITO Naoki 2)MATSUSHITA Kouichiro
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The purpose of the present invention is to provide a connection method of a terminal wherein a plurality of wires can be connected to a terminal easily and with reliability and without raising the cost therefor. The connection method of a terminal comprises: an inserting arranging process for inserting and arranging as a bundle conductors (22) of a plurality of wires (21) which have had the conductor sections thereof exposed from the sheathings (23) thereof at the end portions thereof into a connection section (12) which is cylinder shaped with a bottom and one side of which is made to be an opening section (12a) of a terminal (11) that is formed of metal material and comprises the connection section (12); a heating melting process for heating the connection section (12) in a state of having the opening section (12a) of the connection section (12) faced upwards in the vertical direction and melting the conductors (22) within the connection section (12); and a molten metal raising process for conducting an insertion of the conductors (22) within the connection section (12) and/or a pressurization of the connection section (12) from outside and raising the molten metal (S) within the connection section (12) to a level upper in the vertical direction than the end sections of the sheathings (23) of the wires (21).

No. of Pages : 18 No. of Claims : 1

(21) Application No.213/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ANTIOXIDANT COMPOSITION

(51) International classification:A61K31/736,A61K31/198,A61K31/12(31) Priority Document No:10165939.9(32) Priority Date:15/06/2010(33) Name of priority country:EPO(86) International Filing Date:PCT/ES2011/070427(87) International Publication No (61) Patent of Addition to Application Number Filing Date:NA(82) Divisional to Filing Date:NA(83) Name of priority country:NA(84) International Filing Date:NA(85) International Filing Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number Filing Date:NA(52) Divisional to Filing Date:NA(57) Abstract ::NA	 (71)Name of Applicant : 1)HISTOCELL S.L. Address of Applicant :Parque Tecnol³gico de Bizkaia 800 2° E 48160 Derio (Bizkaia) Spain (72)Name of Inventor : 1)CASTRO FEO Mara Bego±a 2)AZCOITIA RAMSDEN Iker 3)PALOMARES CASADO Teodoro 4)HERRERO DE MIGUEL Jone 5)ALONSO VARONA Ana Isabel 6)DEL OLMO BASTERRECHEA Maite
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(57) Abstract :

The present invention relates to an antioxidant composition that comprises a combination of galactomannan and N acetylcysteine for use in the treatment of a skin disease or condition that is the result of the production of reactive oxygen species in the skin or that involves the production of reactive oxygen species in the skin. The invention also relates to a hydrogel containing said combination to wound dressings that comprise said hydrogel and to the use thereof in the healing of ulcers wounds burns and scalds.

No. of Pages : 46 No. of Claims : 22

(21) Application No.4894/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING A SHUNT BETWEEN THE POWER INPUT AND OUTPUT OF AN ELECTRICITY CONSUMPTION METER

(51) International classification	:G01R11/00	(71)Name of Applicant :
(31) Priority Document No	:11 03622	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:28/11/2011	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CLEMENCE, MICHEL
(87) International Publication No	: NA	2)CONTINI, ERICK
(61) Patent of Addition to Application Number	:NA	3)COUTELOU, OLIVIER
Filing Date	:NA	4)WATERLOT, FREDERIC
(62) Divisional to Application Number	:NA	5)LASSALLE, CHRISTIAN
Filing Date	:NA	

(57) Abstract :

A method for detecting a shunt (15) between the power input (11) and output (12) of an electricity consumption meter (10) comprises the following test steps: - generation of a first signal, - modification of the first signal by a transformation element at the level of the meter between the power input and output of the meter, - analysis of a second signal between the transformation element and the power output of the meter, - deduction from the previous step of the presence or absence of a shunt between the power input and output of the meter. A method for locating fraud in an electric power grid implements the detection method. A device for detecting a shunt between an Input and an output of a meter comprises means (14) implementing the method for detecting. An electricity consumption meter comprises the device for detecting.

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

(21) Application No.583/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : MODIFICATION OF SILICON LAYERS FORMED FROM SILANE CONTAINING FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (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) Distribute Application Number 	:102010030696.7 :30/06/2010 :Germany :PCT/EP2011/060206 :20/06/2011 :WO 2012/000815 A1 :NA :NA	 (71)Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Strae 1 11 45128 Essen Germany (72)Name of Inventor : 1)STTZEL Bernhard 2)FAHRNER Wolfgang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing at least one silicon layer arranged on a substrate at least one of the silicon layers having suboxide structures on its surface or throughout. The method comprises the following steps: (a) making a substrate available (b) making a formulation available which contains at least one silicon compound (c) applying said formulation to the substrate (d) irradiating and/or heat treating the coated substrate (e) treating the layer obtained according to step (d) with oxygen in the form of elemental oxygen and/or O carbon dioxide one or more oxygen containing compound(s) or a mixture thereof in pure form or in the form of a liquid or gaseous mixture and (f) irradiating and/or heat treating the coated substrate obtained according to step (e) while producing an at least partially polymorphous layer that consists mainly of silicon and the surface of which has suboxide structures or comprises the steps: (a) making a substrate available (b) making a formulation available which contains at least one silicon compound and which contains oxygen in the form of a liquid or gaseous mixture thereof in pure form or in the form of a liquid or gaseous mixture thereof in pure form or or delemental oxygen and/or O carbon dioxide one or more oxygen containing compound (s) or a mixture thereof in pure form or in the form of a liquid or gaseous mixture thereof in pure form or in the form of a liquid or gaseous mixture thereof in pure form or in the form of a liquid or gaseous mixture (c) applying the formulation to the substrate and (d) irradiating and/or heat treating the coated substrate obtained according to step (c) while producing an at least partially polymorphous layer that consists mainly of silicon and that has suboxide structures throughout.

No. of Pages : 22 No. of Claims : 13

(21) Application No.145/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : MEDICAL DEVICE FOR CONTROLLED RELEASE OF DRUG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61K47/34,A61F2/16,A61K9/08 :2011-061735 :18/03/2011 :Japan :PCT/JP2012/053054 :10/02/2012 :WO 2012/127927 A1	 (71)Name of Applicant : 1)Seed Co. Ltd Address of Applicant :40 2 Hongo 2 chome Bunkyo ku Tokyo 1138402 Japan (72)Name of Inventor : 1)YAMAZAKI Keiko 2)SYOUJI Kiyoshi 3)MATSUNAGA Toru 4)SATOU Takaaki
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The purpose of the present invention is to provide a medical device for the controlled release of a drug suitable for an ophthalmic lens that compared to a conventional contact lens for controlled release of a drug releases a reduced initial controlled longer release amount of the drug retained in the device and as a result thus enabling longer term controlled release of the drug in a therapeutically effective dose such device having the same oxygen permeability as that of conventional SHGCL. The foregoing is accomplished by a medical device for the controlled release of a drug comprising an amphiphilic hydrogel that retains a drug where the rate of controlled release of the drug is 50 wt% or less 24 hours after drug release is initiated.

No. of Pages : 26 No. of Claims : 5

(21) Application No.189/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD OF PREPARING A POLYETHERIMIDE COATED SUBSTRATE

(51) International classification	:C08G73/10,C09D179/08,B05D3/02	(71)Name of Applicant : 1)TATA STEEL NEDERLAND TECHNOLOGY BV
(31) Priority Document No	:10005939.3	Address of Applicant : P.O. Box 10000 NL 1970 CA Ijmuiden
(32) Priority Date	:08/06/2010	Netherlands
(33) Name of priority country	y:EPO	2)TATA STEEL LIMITED
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2011/002810 :08/06/2011	 (72)Name of Inventor : 1)ROUT Tapan Kumar 2)GAIKWAD Anil Vilas 3)DINGEMANS Theo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for preparing a polyetherimide coated metal substrate. According to the invention the polyetherimide coated metal substrate is prepared by mixing an aromatic dianhydride or derivative thereof and an aliphatic polyetherdiamine in a water based solution; subjecting the mixture to a first heat treatment to produce a water based solution comprising a polyetherimide intermediate; applying the water based solution comprising the polyetherimide intermediate on the metal substrate; and subjecting the substrate and the water based solution comprising the polyetherimide intermediate thereon to a second heat treatment.

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

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.4126/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : AN AIR INTAKE CH.	AMBER	
(51) International classification	:F02M35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES, NO.29
(33) Name of priority country	:NA	(OLD NO.8), HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VINAY KARULKAR
(61) Patent of Addition to Application Number	:NA	2)VIJAYA BHASKAR ADIGA
Filing Date	:NA	3)MALUVADU SUNDARAMAN ANANDKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to an induction system for a straddle type vehicle comprising an air intake chamber wherein the air intake chamber can be used across different carburettor types. The air intake chamber has a plurality of air inlets and air outlets.

No. of Pages : 19 No. of Claims : 6

(21) Application No.545/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PROCESS AND A REACTOR FOR SELECTIVE REMOVAL OF A PRODUCT FROM A GASEOUS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 		1)AMMONIA CASALE SA Address of Applicant :Via Giulio Pocobelli 6 CH 6900 Lugano Besso Switzerland
(86) International Application No Filing Date	:PC1/EP2011/059655 :10/06/2011	(72)Name of Inventor : 1)PANZA Sergio
(87) International Publication No	:WO 2012/000771	
(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 selective removal of a gaseous product (P) from a gaseous system comprising said product and other components (R1 R2) wherein the gaseous system is admitted to a first environment which is separated from a second environment by a boundary wall and a permeation membrane (3 300) forms at least part of said boundary wall; a spatially non uniform electric field (4) is generated between a first electrode or first plurality of electrodes (1 301) located in the first environment and a second electrode or second plurality of electrodes (2 302) located in the second environment so that field lines of said non uniform electric field cross said membrane and a dielectrophoretic force generated on particles of said gaseous component (P) is at least part of a driving force of the permeation through said membrane an amount of said product (P) being selectively removed from the first environment and collected in the second environment.

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

(21) Application No.626/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : MOUTH MOISTENING GUM COMPOSITIONS AND PRODUCTS CONTAINING 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 	:NA :NA	 (71)Name of Applicant : 1)KRAFT FOODS GLOBAL BRANDS LLC Address of Applicant :Three Lakes Drive Northfield Illinois 60093 U.S.A. (72)Name of Inventor : 1)ANASTASIOU Theodore James 2)EUAN Dorothy Ellen 3)FERRI Dino Carlo 4)FROEBE Claudia L. 5)GUAN Junjie 6)HOANG Tinyee 7)LEVENSON Deborah Ann 8)MAY Joycelyn P.
Filing Date	:NA :NA :NA	7)LEVENSON Deborah Ann

(57) Abstract :

A chewing gum composition is disclosed that imparts a mouth moistening effect when orally consumed by an individual.

Specifically the chewing gum composition comprises a blend of components comprising affinin to reduce or eliminate the perception of mouth dryness in an individual. The chewing gum composition can further include such components as a sweetening composition a food grade acid composition and a cooling agent composition.

No. of Pages : 48 No. of Claims : 33

(21) Application No.152/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND DEVICE FOR POWER RATIO ALLOCATION IN MULTIPLE CODE CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04B7/005,H04L25/00 :201010198696.5 :11/06/2010 :China :PCT/CN2011/075621 :10/06/2011	 (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)HONG Jiangbo
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/153967 :NA :NA :NA :NA	

(57) Abstract :

The present invention discloses a method for power ratio allocation in multiple code channels and the method includes the following steps: acquiring configuration power of each code channel; computing a power difference based on the configuration power of each code channel; computing a power ratio allocation factor for each code channel based on the range of the power difference and the weight factor corresponding to each code channel in the 3 Generation Partner Project (3GPP) protocol; computing a total transmission power and/or generating a baseband burst signal based on the power ratio allocation factor for each code channel approach code channel. A corresponding device is also provided by the present invention. The present invention provides a power ratio allocation solution based on various code channel combinations enables a reasonable power allocation of each uplink code channel reduces the inter channel interference and improves the demodulation performance of the transmission signal thus benefiting the technical requirement of smoothly updating Time Division Synchronous Code Division Multiple Access (TD SCDMA) terminal from 3GPP Release (R) 5 and R6 to R7. The technical solution is easy to implement and has good compatibility.

No. of Pages : 35 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :29/11/2012

(21) Application No.4983/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : ADJUSTING DEVICE, IN PARTICULAR FOR MOTOR VEHICLES (51) International classification :G05D16/00 (71)Name of Applicant : :10 2011 1)MAN TRUCK & BUS AG (31) Priority Document No 120 082.0 Address of Applicant :DACHAUER STR. 667, 80995 (32) Priority Date :05/12/2011 **MUNCHEN** Germany (33) Name of priority country :Germany (72)Name of Inventor : (86) International Application No :NA **1)SPATH, MORITZ** 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 :

Adjusting device for an engine, in particular for an engine of a motor vehicle, having at least one adjusting unit (1) for regulating the capacity of a pump (2), which delivers a medium via a working line (4) to a working location (5), the adjusting unit (1) comprising an actuating cylinder (9), which is connected to the working location (5) by a control line (10), and the working pressure of the medium prevailing there acting as an advance force Fz acting on the actuating cylinder (9) during the advance of the actuating cylinder (9), a return force FR from a return unit (11) acting on the actuating cylinder (9), counteracting the advance force Fz, the return unit (11) comprising a pressure line (12), through which medium flows and which has a restricting effect, and the return force FR resulting at least in part from the pressure in the pressure line (12), the pressure line (12) preferably connecting an outflow side (13) and an inflow side (14) of the pump (2).

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

(19) INDIA

(22) Date of filing of Application :29/11/2012

(21) Application No.4984/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR THE REMOVAL OF ACID GASES FROM A RESIDUAL GAS OF AN ALCOHOL SYNTHESIS

(51) International classification(31) Priority Document No(32) Priority Date	:C01B :102011120398.6 :06/12/2011	Address of Applicant :KLOSTERHOFSTR. 1, 80331
(33) Name of priority country(86) International Application No	:Germany :NA	MUNCHEN Germany (72) Name of Inventor :
Filing Date	:NA	1)HORST, WEISS
(87) International Publication No	: NA	2)ANNA-MARIA, FISCHER
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for the removal of acid gases from a residual gas of an alcohol synthesis The invention relates to a method for separating off carbon dioxide (11) from a gas mixture (11) containing hydrogen, carbon monoxide and carbon dioxide, which gas mixture (1) is produced as residual gas in an alcohol synthesis (M), wherein the residual gas (1, 2) is subjected to a gas scrubbing (A). It is a characteristic of the method that the gas scrubbing (A) is a physical gas scrubbing in which carbon dioxide is scrubbed out of the residual gas (1, 2) in an absorption step by means of a low-temperature alcohol used as scrubbing medium (3).

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

(21) Application No.71/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PACKAGING CONTAINER (51) International classification :B65D1/26,B65D43/04 (71)Name of Applicant : (31) Priority Document No :10507655 1)PAKIT INTERNATIONAL TRADING COMPANY INC. (32) Priority Date :08/07/2010 Address of Applicant : The Business Centre Upton Saint (33) Name of priority country :Sweden Michael 11103 Barbados (72)Name of Inventor : (86) International Application No :PCT/SE2011/050933 Filing Date :08/07/2011 1)SHAND John (87) International Publication No :WO 2012/005683 2)SVENSSON Erik (61) Patent of Addition to Application **3)BECIROVIC Aldin** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A packaging container (100 200 300) consists substantially of a cellulose fibre material made from stock and includes a tray and a lid. In a locking mechanism of the container a portion of one of said tray and lid is a male member (124 224 324 424) and a portion of another one of said tray and lid is a female member (126 226 326 426). The male member has a first surface (120 121) and the female member has a second surface (104b 105b) said surfaces engage one another in the closed container and have an extension along at least a section of the circumference of the container. The locking mechanism satisfies one or both of the following conditions namely a) that the intersection between I: the lines of intersection between said first and second fibre material surfaces and a first vertical plane which is a radial plane and II: a vertical plane which is perpendicular to said first vertical plane form a wedge angle () causing the fibre material surfaces of the male and female members to engage one another in the mode of a clutch coupling when contacted and b) that the frictional drag between the surfaces of the male and female members in their closing positions is enhanced by a spring force and a normal force developed between the male and female members during the closing operation.

No. of Pages : 41 No. of Claims : 21

(21) Application No.175/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : WATER ABSORBING POLYMER PARTICLES WITH IMPROVED COLOUR STABILITY

(31) Priority Document No(32) Priority Date	:C08F220/06,C08F2/44,C08K5/00 :10165823.5 :14/06/2010	1)BASF SE Address of Applicant :67056 Ludwigshafen Germany
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:EPO :PCT/EP2011/059710 :10/06/2011	(72)Name of Inventor :1)HERFERT Norbert2)DANIEL Thomas3)ELLIOTT Mark
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:WO 2011/157656 A3 :NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to water absorbing polymer particles with improved colour stability and to processes for preparing them the water absorbing polymer particles comprising at least one optical brightening agent.

No. of Pages : 40 No. of Claims : 15

(21) Application No.416/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : REDUCED CONTACT OR CONTACTLESS FORCE TRANSMISSION IN A CLOCK MOVEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:01250/10 :30/07/2010 :Switzerland :PCT/EP2011/057578 :11/05/2011 :WO 2012/013374 A1 :NA :NA	 (71)Name of Applicant : 1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD Address of Applicant :Rue des Sors 3 CH 2074 Marin Switzerland (72)Name of Inventor : 1)HESSLER Thierry 2)WILLEMIN Michel 3)HELFER Jean Luc 4)GUEISSAZ Fran§ois 5)CONUS Thiorry
(62) Divisional to Application Number Filing Date	:NA :NA	5)CONUS Thierry
6		

(57) Abstract :

The invention relates to a method for carrying out controlled contact attenuated contact or contactless transmission in a clock movement. The method comprises providing or transforming at least one pair of antagonistic components of said clock movement one of said components driving the other or engaging with the other by applying a treatment on the surface thereof or within the body thereof at antagonistic surfaces said treatment imparting an electrostatic and/or magnetic charge to said components said charge having the same polarization and/or magnetization such that said antagonistic components tend to repel each other when brought closer to one another. Said treatment consists of forming or depositing at least one thin film on said engagement surface and/or on said antagonistic engagement surface. The invention also relates to a clock mechanism including at least one pair of antagonistic components driving the other or engaging with the other said pair being provided or transformed by implementing said method.

No. of Pages : 24 No. of Claims : 21

(21) Application No.509/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : FAN MOLD FOR MOLDING AND FLUID FEEDING DEVICE (51) International classification :F04D29/30,F04D17/04 (71)Name of Applicant : (31) Priority Document No :2010146055 1)SHARP KABUSHIKI KAISHA Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi (32) Priority Date :28/06/2010 (33) Name of priority country :Japan Osaka 5458522 Japan (86) International Application No :PCT/JP2011/061986 (72)Name of Inventor: Filing Date :25/05/2011 1)SHIRAICHI Yukishige (87) International Publication No :WO 2012/002081 2)OHTSUKA Masaki (61) Patent of Addition to Application 3)TAKAHASHI Masaya :NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

(62) Divisional to Application Number

Number

Provided is a cross flow fan having fan blades (21) provided at intervals in the circumferential direction. The fan blades (21) each have an inner edge section (27) which is disposed on the inner peripheral side and an outer edge section (26) which is disposed on the outer peripheral side. The fan blades (21) each comprises a blade surface (23) composed of a positive pressure surface (25) and a negative pressure surface (24) which extend between the inner edge section (27) and the outer edge section (26). The cross section of each of the fan blades (21) is shaped in such a manner that the thick section of the fan blade (21) said thick section being that at which the distance between the positive pressure surface (25) and the negative pressure surface (24) is maximum is disposed offset to the inner edge section (27). A recessed section (41) recessed from the blade surface (23) is formed at a position closer to the inner edge section (27) at which the thick section is disposed than the outer edge section (26). The configuration provides the fan with high air blowing performance. Also provided are a molding mold and a fluid feeding device.

No. of Pages : 72 No. of Claims : 15

(21) Application No.72/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : LED LIGHT BULBS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F21S2/00,F21V29/00,F21Y101/02 :12/796555 :08/06/2010 :U.S.A. :PCT/US2011/038454 :27/05/2011	 (71)Name of Applicant : 1)CREE INC. Address of Applicant :4600 Silicon Drive Durham NC 27703 U.S.A. (72)Name of Inventor : 1)BRANDES George R. 2)GARCERAN Julio A.
(87) International Publication No	:WO 2011/156158	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

LED light bulbs include openings in base or cover portions and optional forced flow elements for convective cooling. Thermally conductive optically transmissive material may be used for cooling optionally including fins. A LED light engine may be fabricated from a substrate via planar fabrication techniques and shaped to form a substantially rigid upright support structure. Mechanical electrical and thermal connections may be made between a LED light engine and a LED light bulb.

No. of Pages : 35 No. of Claims : 60

(21) Application No.408/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(54) Title of the invention : IMPROVEMENTS IN VEHICLE CRASHWORTHINESS

(43) Publication Date : 27/06/2014

(51) International classification :B62D21/15 (71)Name of Applicant : (31) Priority Document No :1011817.2 1)GORDON MURRAY DESIGN LIMITED Address of Applicant : Wharfside Broadford Park Shalford (32) Priority Date :14/07/2010 (33) Name of priority country :U.K. Surrey GU4 8EP U.K. (86) International Application No :PCT/GB2011/001064 (72)Name of Inventor : 1)MURRAY Ian Gordon Filing Date :14/07/2011 (87) International Publication No :WO 2012/007726 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A chassis for a vehicle has a locally narrower portion within which is mounted a wheel and a rigid member extending from the chassis toward the quiescent position of the wheel and ending at a point which is spaced radially from the outer profile and located axially within the thickness of the wheel. Under an impact the wheel itself will be crushed against the rigid member absorbing some of the impact energy. The impact energy can also be transmitted via the rigid member to the remainder of the chassis providing a load path to major mass concentrations elsewhere in the vehicle and allowing energy to be dissipated by the deformation of other structures elsewhere. This can then limit frontal damage to the vehicle and hence reduce the risk of intrusions into the passenger cell. The rigid member can be a column extending towards the wheel and can end with a flat plate that is positioned tangentially to a local portion of the outer profile. It preferably extends from a point on the chassis outside the locally narrower portion. Oriented in this direction the rigid member is more able to transfer the impact forces from the crushing wheel to the remainder of the chassis.

No. of Pages : 13 No. of Claims : 17

(21) Application No.468/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PLANT FOR PRODUCTION OF PLASTIC CONTAINERS

:B29C49/02,B29C49/36,B29C49/42 :RM2010A000350 :25/06/2010 :Italy :PCT/IB2011/052777 :24/06/2011 :WO 2011/161649 :NA :NA	 (71)Name of Applicant : 1)S.I.P.A. SOCIETA INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A. Address of Applicant :Via Caduti del Lavoro 3 I 31029 Vittorio Veneto Italy (72)Name of Inventor : 1)ZOPPAS Matteo 2)ARMELLIN Alberto 3)SERRA Sandro
¹ :NA :NA	
	:RM2010A000350 :25/06/2010 :Italy :PCT/IB2011/052777 :24/06/2011 :WO 2011/161649 :NA :NA

(57) Abstract :

Plastic container manufacturing plant comprising devices for injection compression of plastic in moulds and effected by means of at least one rotary carousel actuated by electro pneumatic actuators of the single stage type integrating at least one first rotary carousel (2) for moulding of the preforms and a second rotary carousel (7) for stretch blow moulding of the preforms. Moreover the plant comprises a transport system (5) between said first (2) and second rotary carousel (7) comprising further handling wheels of which at least one (8) comprises means for thermal conditioning of the preforms.

No. of Pages : 35 No. of Claims : 10

(21) Application No.5064/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 27/06/2014

(51) International classification :A01N47/00 (71)Name of Applicant : (31) Priority Document No :NA 1)TAGROS CHEMICALS INDIA LIMITED (32) Priority Date :NA Address of Applicant : JHAVER CENTRE RAJAH (33) Name of priority country :NA ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALLS (86) International Application No :NA ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India Filing Date :NA (72)Name of Inventor : (87) International Publication No **1)RAJAIAH SRIKRISHNAN** : NA (61) Patent of Addition to Application Number :NA 2)S. RAMESH **3)R. KUPPUSWAMY** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMBINATION IRS WITH INDOXACARB AND PERMETHRIN

(57) Abstract :

The invention relates to insecticidal compositions comprising a combination of Indoxacarb and permethrin for a wide range of applications. The invention of also relates to the application of this combination formulations as Indoor Residual Spray.

No. of Pages : 10 No. of Claims : 2

(21) Application No.659/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : CARTRIDGE OIL SEPARATOR

(57) Abstract :

The invention relates to a separation device (1) for separation of a constituent from a liquid mixture (5) comprising a vessel (2) an inlet (3) and at least one outlet (6) said inlet (3) being arranged above the outlet (6) a filter material (7) capable of binding the constituent and is arranged within the vessel (3) between the inlet (3) and the outlet (6) such that flow passes through the filter material (7). The filter material (7) is arranged in a cartridge (4) inserted into the vessel (3).

No. of Pages : 20 No. of Claims : 12

(21) Application No.788/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : GROUP SECURITY IN MACHINE TYPE COMMUNICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L29/06,H04L9/08,H04W8/00 :2010-176115 :05/08/2010 :Japan :PCT/JP2011/068001 :01/08/2011	 (71)Name of Applicant : 1)NEC CORPORATION Address of Applicant :7 1Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor : 1)PRASAD Raghawa 2)ZHANG Xiaowei
(87) International Publication No	:WO 2012/018130 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Technical Problem] If the related secure communication method is applied to the system which includes a plurality of the MTC devices (1101) traffic in a network (1100) would increase in proportion to the number of MTC devices (1101). [Solution to Problem] A communication apparatus (1000) in the present invention which is connected to a network (1100) and a plurality of communication terminals (1101) includes: a group information sending means (1001) for sending group information which is received from the network (1100); an access control means (1002) for 1) receiving a reply from the communication terminal (s) (1101) which responded to the group information and 2) sending the reply to the network (1100); and a temporary identifier and group key sending means (1003) for sending a temporary identifier and a group key to the communication terminal (1101) which responded to the group information apparatus (1000) received the temporary identifier and the group key from the network (1100).

No. of Pages : 46 No. of Claims : 23

(21) Application No.229/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM APPARATUS AND METHOD FOR IMPROVING CIRCUIT SWITCHED FALLBACK CALL SETUP DELAY IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H04W36/00	(71)Name of Applicant :
(31) Priority Document No	:1/357441	1)QUALCOMM INCORPORATED
(32) Priority Date	:22/06/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2011/041512	(72)Name of Inventor :
Filing Date	:22/06/2011	1)RAMACHANDRAN Shyamal
(87) International Publication No	:WO 2011/163408	2)KLINGENBRUNN Thomas
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with aspects of the disclosure a method apparatus and computer program product are provided for wireless communication. The method apparatus and computer program product may be configured to determine whether a device is switching from a first radio access technology to a second radio access technology to perform a circuit switched call setup process and determine whether at least one of a circuit switched domain registration procedure and a packet switched domain registration procedure is to be

No. of Pages : 42 No. of Claims : 44

performed on the second radio access technology.

(21) Application No.524/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : RARE EARTH PERMANENT MAGNET AND METHOD FOR MANUFACTURING RARE EARTH PERMANENT MAGNET

 (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 	:2011140911 :24/06/2011 :Japan :PCT/JP2012/056713 :15/03/2012	 (71)Name of Applicant : 1)NITTO DENKO CORPORATION Address of Applicant :1 1 2 Shimohozumi Ibaraki shi Osaka 5678680 Japan (72)Name of Inventor : 1)OZEKI Izumi 2)KUME Katsuya 3)OKUNO Toshiaki 4)OZAKI Takashi 5)OMURE Tomohiro 6)TAIHAKU Keisuke
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(57) Abstract :

Provided are a rare earth permanent magnet and a method for manufacturing the rare earth permanent magnet whereby the thickness precision of a green sheet is improved enabling productivity to be improved. A magnetic material is pulverized into a magnetic powder and the pulverized magnetic powder is mixed with a binder to produce a mixture containing a binder of 1 wt% to 40 wt%. A sheet like green sheet having a precise thickness within $\pm 5\%$ of a set value is then manufactured by coating a substrate in a highly precise manner with the mixture that was produced. Next the manufactured green sheet is maintained at a binder decomposing temperature for a fixed time in a non oxidizing atmosphere causing the binder to decompose into monomers due to a depolymerization reaction or the like and scatter thereby removing the binder. A permanent magnet (1) is then manufactured by sintering the green sheet from which the binder has been removed by means of a pressure sintering technique such as spark plasma sintering.

No. of Pages : 45 No. of Claims : 12

(21) Application No.707/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRESERVATIVE FREE FOLLICLE STIMULATING HORMONE SOLUTION DELIVERY 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 	:PCT/US2011/042972 :05/07/2011	 (71)Name of Applicant : 1)CAREBAY HOLDING LTD. COMPANY NO. 681498 Address of Applicant :PO Box 957 Offshore Incorporations Centre Road Town Tortola VIRGIN ISLANDS 2)ITERO BIOPHARMACEUTICALS INC. (72)Name of Inventor : 1)LAWLIS V. Bryan 2)HAYENGA Kirk J. 3)HORTON Darlene P. 4)GIAMBATTISTA Lucio
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)DESALVO David 6)BENDEK Antonio

(57) Abstract :

A one time use device to deliver preservative free follicle stimulating hormone (FSH) solution is disclosed. The device includes a needle covered by a sliding needle shield which covers the needle in all modes of the device. The device can be placed into a ready to use position in four or fewer user steps. The device has a knob for setting a desired dose of FSH. The knob includes longitudinally spaced elements respectively corresponding to the lock position and the seven or fewer discrete dosing positions. The device locks after one use and cannot be reused thereafter.

No. of Pages : 55 No. of Claims : 19

(21) Application No.792/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR MIXING AND SPLITTING FLUID STREAMS

(51) International classification(31) Priority Document No(32) Priority Date	:B01F3/08,B01F15/00,B01J4/00 :10008047.2 :02/08/2010	 (71)Name of Applicant : 1)BASELL POLYOLEFINE GMBH Address of Applicant :Br¹/₄hler Strae 60 50389 Wesseling
(33) Name of priority country	:EPO	Germany
(86) International Application No):PCT/EP2011/063266	(72)Name of Inventor :
Filing Date	:02/08/2011	1)OLMSCHEID Michael
(87) International Publication No	:WO 2012/016971 A1	2)HECKER Manfred
(61) Patent of Addition to	:NA	3)KARER Rainer
Application Number Filing Date	:NA	4)DE LANGE Paulus
(62) Divisional to Application	:NA	
Number Filing Date	:NA	

(57) Abstract :

A process for continuously mixing at least two fluid streams and splitting the stream of the mixture into at least two partial streams comprising a) providing streams of the at least two fluids via separated conduits; b) combining the streams of the fluids and forming a homogeneous mixture; c) measuring the pressure in the conduit conveying the mixture of the fluids; d) splitting the stream of the mixture of the fluids into at least two partial streams and feeding each of the partial streams to a conduit equipped with a flow control device controlled by a controller; and e) adjusting the flow rates of the partial streams of the mixture of the fluids by feeding the pressure information measured in step c) as process variable to the controllers controlling the flow control devices a process for feeding a mixture of at least two fluids via at least two feeding points an apparatuses for carrying out such processes and a process for polymerizing olefins.

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

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

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SAFETY 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 	¹ :PCT/EP2011/061031 :30/06/2011	 (71)Name of Applicant : Welltec A/S Address of Applicant :Gydevang 25 DK 3450 Aller,d Denmark (72)Name of Inventor : HALLUNDB†K J,rgen
No (61) Patent of Addition to Application Number Filing Date	:WO 2012/001116 :NA :NA	
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

The present invention relates to a downhole safety device (1) for a downhole tool (2) for controlling a delivery of electricity from a power device to an electrical component in the tool comprising a first member (3) comprising a plurality of conductors (4) and a second member (6) comprising a plurality of conductors (7). Furthermore the invention relates to a method for activating the safety device.

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

(19) INDIA

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

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMMUNICATION SYSTEM CONTROL APPARATUS AND CONTROL 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 	:H04L12/66,H04L12/46 :2010-168361 :27/07/2010 :Japan :PCT/JP2011/067078 :27/07/2011 :WO 2012/014930 A1 :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)HASHIGUCHI Akira
Filing Date	:NA	

(57) Abstract :

Provided is a communication system wherein a terminal (1) connected to an internal network (5) communicates with an external network (9) via a control apparatus (2) that controls the communication. The control apparatus (2) comprises: an address registering unit (33) for registering a set of address and ID of the terminal (1); a storage unit (21) for storing a filtering rule that defines a condition as to whether to allow the terminal (1) to perform the communication; and a filter unit (22) that if the registered ID is included in the address storage area of a packet received from the terminal (1) determines on the basis of a result of comparing the information stored in the address storage area with the filtering rule whether to allow the communication of the packet to be performed thereby controlling the communication of the packet.

No. of Pages : 32 No. of Claims : 7

(21) Application No.668/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : MEDICAL EQUIPMENT INFORMATION MANAGEMENT SYSTEM AND METHOD OF MANAGING MEDICAL EQUIPMENT INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q50/00 :2010-149978 :30/06/2010 :Japan :PCT/JP2011/003682 :28/06/2011	 (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)MASUDA Akira
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)SEKINE Yuusuke

(57) Abstract :

Provided is a medical equipment information management system and so forth capable of simply adding medical equipment information such as an operation manual. Disclosed is a medical equipment information management system (1) provided with a medical equipment information storing medium (10) capable of storing and transmitting medical equipment information and which is arranged in a wrapping unit (3) for wrapping medical equipment (2); a medical equipment information receiving unit (50) for receiving medical equipment information storing medical equipment information storing medical equipment information received by the medical equipment information receiving unit (31) for displaying medical equipment information received by the medical equipment information receiving unit wherein the medical equipment information storing medium cannot transmit the medical equipment information when the wrapping unit is in an unopened state whereas when the wrapping unit is opened the medical equipment information is set to a transmittable state.

No. of Pages : 67 No. of Claims : 9

(21) Application No.84/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING AN ELECTROHYDRAULIC BRAKING SYSTEM FOR MOTOR VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No:WO 2011/154275 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA SNA 	 (71)Name of Applicant : 1)CONTINENTAL TEVES AG & CO. OHG Address of Applicant :Guerickestrae 7 60488 Frankfurt Germany (72)Name of Inventor : 1)B-HM J¹/₄rgen 2)ROLL Georg
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(57) Abstract :

The invention relates to a method for controlling an electrohydraulic braking system for motor vehicles comprising at least one brake pressure control or brake pressure regulation function in particular an anti lock regulation function and one other brake pressure control or brake pressure regulation function which can preferably be controlled in a brake by wire operating mode. Said system comprises a pressure supply device (50) that can be regulated by an electronic control and regulation unit which is connected or can be connected to hydraulically operated wheel brakes (9) and by means of which the wheel brakes (9) can be hydraulically operated using at least one pressure control valve (6). The pressure supply device comprises a cylinder piston assembly with a hydraulic pressure chamber (4) the piston (3) of said assembly being displaced by an electromechanic actuator (1 2). A target pressure value (P) is determined for each wheel brake (9) and the cylinder piston assembly (3 4) is regulated in such a way that a pre determined pre pressure (P) is set in the hydraulic chamber (4) by the displacement (s 14) of the piston (3) said pressure being determined from the target pressure values (P). The invention also relates to a device for regulating the pre determined pre pressure (P).

No. of Pages : 36 No. of Claims : 20

(21) Application No.10874/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : QUATERNARY DIALKANOLAMINE ESTERS

(31) Priority Document No:10 2010(32) Priority Date:02/06/2(33) Name of priority country:German(86) International Application No:PCT/ElFiling Date:02/05/2	any Germany (72) Name of Inventor :	Essen
Filing Date :NA		

(57) Abstract :

The invention relates to novel quaternary ammonium compounds of the esterquat type to a method for the production thereof and to the use thereof in formulations.

No. of Pages : 47 No. of Claims : 14

(21) Application No.316/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSMISSION CONTROL DEVICE

(51) International classification	:F16H61/12,F16H61/14	(71)Name of Applicant :
(31) Priority Document No	:2010140572	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:21/06/2010	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2011/060218	(72)Name of Inventor :
Filing Date	:27/04/2011	1)TAKEMORI Yuichiro
(87) International Publication No	:WO 2011/162022	2)OGAWA Seiichi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the disclosed transmission control device a control means (54a1) controls the gear ratio of a transmission (14) on the basis of vehicle speed and prescribed control patterns. If an anomaly detection means detects an anomaly in a braking control device (60) a direct clutch (16d) is disengaged and a switch is made to a control pattern in which an RPM inputted to the CVT (14) in accordance with the vehicle speed is greater than when no anomaly is detected in the braking control device (60).

No. of Pages : 25 No. of Claims : 2

(21) Application No.508/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : SIGNAL DEGRADATION DETECTION

(51) International classification	:H04N5/00,H04N7/173	(71)Name of Applicant :
(31) Priority Document No	:12/823789	1)ECHOSTAR TECHNOLOGIES L.L.C.
(32) Priority Date	:25/06/2010	Address of Applicant :100 Inverness Circle East Englewood
(33) Name of priority country	:U.S.A.	Colorado 80112 U.S.A.
(86) International Application No	:PCT/US2011/036226	(72)Name of Inventor :
Filing Date	:12/05/2011	1)JACKSON Robert J.V.
(87) International Publication No	:WO 2011/162885	2)ZHANG Tianhua
(61) Patent of Addition to Application	:NA	3)ELKAISSI Moutaz
Number	:NA :NA	4)NGUYEN Hao
Filing Date	.NA	5)SOTELO Jorge
(62) Divisional to Application Number	:NA	6)BLACKMAN Wendell
Filing Date	:NA	7)GOLDEY Greg

(57) Abstract :

Implementations are directed to predicting signal degradation at receivers used to display a programming service. The receivers capture signal strength data that is then transmitted to a processing location which may be associated with a provider of the programming service. A signal degradation detector at the provider operates to predict whether or not a future unacceptable signal quality will occur within a time interval. The prediction may be based on a test quantity calculated from signals captured at the receiver and based on a figure of merit for the geographic locale in which the receiver is located. A maintenance call may be initiated for those receivers that have such a poor signal quality

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

(21) Application No.5214/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUTOMATIC ELECTRIC POWER PRODUCING SYSTEM		
(51) International classification:H02(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	 PRODUCING SYSTEM K (71)Name of Applicant : 1)B. KARUNANITHI Address of Applicant :3. 259, PERUMAL KOIL STREET, KILLUDUDI & POST, THENUR-611109, KILVELUR TALUK, NAGAPATTINAM DIST Tamil Nadu India (72)Name of Inventor : 1)B. KARUNANITHI 	
(62) Divisional to Application Number :NA Filing Date :NA		

(57) Abstract :

A Electric Motor (AC or DC Motor) soft is joined with a bully is connected with a AC dynamo by a belt The Electric motors rpm is n times, when the DyaMmo9s rpm is 2n or more times. The out put electric power of the AC dynamo is to die Electric Power Panel or Circuit Board with some Electrical Power Factor Tools. The Electric Motor is starting from a battery or Generator or Electric Power from Government Supply. We take the Electric Power from the outlet pins of the Panel Board.

No. of Pages : 8 No. of Claims : 5

(21) Application No.4980/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF BOCEPREVIR INTERMEDIATE

(51) International classification	·A61K38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMA, SHANKAR
(61) Patent of Addition to Application Number	:NA	2)GORANTLA, SARAT CHANDRA SRIKANTH
Filing Date	:NA	3)ANUPATI, RAJA REDDY
(62) Divisional to Application Number	:NA	4)NAIDU, HIMA PRASAD
Filing Date	:NA	5)SABBELLA, SURESH REDDY

(57) Abstract :

The present invention relates to the process for the preparation of 3-amino-3-cyclobutylmethyl-2-hydroxypropionamide or an acid addition salt thereof and its further conversion into Boceprevir.

No. of Pages : 24 No. of Claims : 15

(21) Application No.548/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR THE IDENTIFICATION OF CATECHOL O METHYLTRANSFERASE MODULATORS

(51) International classification:G01N33/58,G01N33/573,G01N33/542(31) Priority Document No:10170957.4(32) Priority Date (33) Name of priority country:27/07/2010(33) Name of priority country:EPO(86) International Filing Date:PCT/EP2011/062704(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2012/013614(87) International Publication No (61) Patent of Addition to Application Number Filing Date:NA :NA(62) Divisional to Filing Date: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)ENDERLE Thilo 2)ROTH Doris
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(57) Abstract :

The present invention relates to a method for the identification of modulators of catechol O methyltransferase enzyme activity (COMT).

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

(21) Application No.10793/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR SELECTIVELY PHOSPHATING A COMPOSITE METAL CONSTRUCTION

	:10 2010 030 697.5	 (71)Name of Applicant : 1)HENKEL AG & CO. KGAA Address of Applicant :Henkelstr. 67 40589 D¹/₄sseldorf
	:30/06/2010	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/060590 :24/06/2011	1)BROUWER Jan Willem 2)PILAREK Frank Oliver 3)HAMACHER Matthias
(87) International Publication No	:WO 2012/000894 A1	4)BALZER Marc 5)POPP Roland
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

The invention relates to a multistage method for treating composite metal constructions for corrosion protection comprising metal surfaces of aluminum zinc and optionally iron wherein in the first step the selective zinc phosphating of the zinc and iron surfaces is carried out using a phosphating solution comprising water soluble inorganic compounds of silicon in a quantity sufficient for suppressing pinholing on the zinc surfaces but not exceeding a quantity at which the zinc phosphating loses selectivity. In the subsequent second step of the method according to the invention the aluminum surfaces are passivated by means of an acid treatment solution. The invention further relates to a zinc phosphating solution suitable for use in the method according to the invention comprising at least 0.025 g/l but less than 1 g/l of silicon in the form of water soluble inorganic compounds calculated as SiF6 wherein the product (Si/mM) (F/mM) of the concentration of silicon (Si in mM) in the form of water soluble inorganic compounds and the concentration of free fluoride (F in mM) divided by the number of points of free acids is no greater than 5.

No. of Pages : 19 No. of Claims : 9

(21) Application No.577/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYNCHRONOUS RELUCTANCE MACHINE USING ROTOR FLUX BARRIERS AS COOLING CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA	 (71)Name of Applicant : 1)ABB RESEARCH LTD Address of Applicant : Affolternstrasse 44 CH 8050 Z¹/₄rich Switzerland (72)Name of Inventor : 1)LENDENMANN Heinz 2)–STERHOLM Vesa
 (61) Patent of Addition to Application Number (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)-51EKHOLMI Vesa

(57) Abstract :

A synchronous reluctance machine (SynRM) comprises a rotor having a plurality of rotor disks 110 with longitudinal flux barriers 130. When the rotor disks 110 are stacked together to form a rotor core 100 the flux barriers 130 define channels 140 extending in an axial direction of the rotor core 100. Air is forced to flow through these channels 140 in order to improve a temperature distribution within the machine.

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

(21) Application No.9283/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : CORRELOTION - MATRIX FEEDBACK METHOD AND SYSTEM FOR ANTENNA ARRAY

(51) International classification (31) Priority Document No	:H04L1/06 :NA	(71)Name of Applicant : 1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2010/000447	(72)Name of Inventor :
Filing Date	:06/04/2010	1)CHEN Jinhui
(87) International Publication No	:WO 2011/123977 A1	2)LI Dong
(61) Patent of Addition to Application	:NA	3)YANG Hongwei
Number	:NA	4)SONG Yang
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a correlation-matrix feedback method and system for an antenna array. The method comprises steps of: selecting, at a receiving end, a codeword from a predetermined correlation-matrix codebook comprising a plurality of codewords according to a predetermined criterion to represent a correlation matrix to be fed back (300); and feeding back an index of the selected codeword in the predetermined correlation-matrix codebook to a transmitting end (302); wherein each codeword is a codeword matrix for approximating a correlation matrix of an antenna array at the transmitting end. According to the present invention, it is possible to take good advantage of the characteristics of closely-spaced ULA antennas and spatial correlation thereof, design a corresponding codebook for quantization and feedback, and reduce feedback overhead and computational complexity so as to improve the system performance of a spatial correlation aided system, such as a MIMO system.

No. of Pages : 21 No. of Claims : 13

(21) Application No.606/CHENP/2013 A

(19) INDIA

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

(54) Title of the invention : ARRAY COLUMN INTEGRATOR

(43) Publication Date : 27/06/2014

(51) International classification	:H01L29/772,H01L21/50	(71)Name of Applicant :
(31) Priority Document No	:61/360493	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:30/06/2010	Address of Applicant :5791 Van Allen Way Carlsbad
(33) Name of priority country	:U.S.A.	California 92008 U.S.A.
(86) International Application No	:PCT/US2011/042683	(72)Name of Inventor :
Filing Date	:30/06/2011	1)LEVINE Peter
(87) International Publication No	:WO 2012/003380	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The described embodiments may provide a chemical detection circuit with an improved signal to noise ration. The chemical detection circuit may include a current source a chemical detection pixel an amplifier and a capacitor. The chemical detection pixel may comprise a chemical sensitive transistor that may have a first and second terminals and a row select switch coupled between the current source and chemically sensitive transistor. The amplifier may have a first input and a second input with the first input coupled to an output of the chemically sensitive transistor via a switch and the second input coupled to an offset voltage line. The capacitor may be coupled between an output of the amplifier and the first input of the amplifier may form an integrator and may be shared by a column of chemical detection pixels.

No. of Pages : 126 No. of Claims : 30

(21) Application No.650/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING A NANOSTRUCTURED OR SMOOTH POLYMER ARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B29C33/38,B29C59/02,B82Y40/00 :PA2010 00581 :01/07/2010 / :Denmark ¹ :PCT/DK2011/000075 :29/06/2011	 (71)Name of Applicant : 1)INMOLD BIOSYSTEMS A/S Address of Applicant :Gregersensvej 6H DK 2630 Taastrup Denmark (72)Name of Inventor : 1)PRANOV Henrik
(87) International Publication No	WO 2012/000500	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA ⁿ :NA :NA	
Filing Date		

(57) Abstract :

The present invention solves numerous problems in state of the art industrial polymer shaping of micro and nanostructures. The problems of high tool polishing requirements the inability to define an arbitrary topographical structure on an arbitrary free form (curved) surface limited durability and replication quality as well as providing a convenient method for functionalizing the surface. The invention solves these problems by deploying a ceramic material precursor which may be coated onto a conventional polymer shaping tool micro or nanostructured by mechanical contact (embossing) cured into a hard durable ceramic material comprising the desired structures. The ceramic material is functionalisable by silane chemistry due to its high surface density of OH groups. This apparatus may then be used in a conventional polymer shaping process to make nanostructured polymer replicas.

No. of Pages : 60 No. of Claims : 18

(21) Application No.775/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PTC DEVICE AND SECONDARY BATTERY HAVING 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 	:H01C7/02,H01M2/34 :2010-152026 :02/07/2010 :Japan :PCT/JP2011/065143 :01/07/2011 :WO 2012/002523 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TYCO ELECTRONICS JAPAN G.K. Address of Applicant :5 8 Hisamoto 3 chome Takatsu ku Kawasaki shi Kanagawa 2138535 Japan 2)FDK TWICELL CO. LTD. (72)Name of Inventor : 1)TANAKA Arata 2)YAMAOKA Toshikazu 3)MIYAGI Haruhisa
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(57) Abstract :

In order to increase the compactness of electric devices such as a PTC device a battery pack comprising a PTC device and a secondary battery and a dry cell secondary battery the disclosed PTC device comprises: (1) a PTC element that comprises (A) a layer polymer PTC element comprising (a1) a conductive filler and (a2) a polymer material and (B) a metal electrode disposed at both surfaces of the polymer PTC element; and (2) a lead that is connected to the metal electrode by a conductive material and of which at least a portion is positioned on the metal electrode of the PTC element. The exposed portion of the abovementioned conductive material is covered by a protective member comprising a polypropylene resin a nylon resin or an epoxy resin.

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

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

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : WIRELESS COMMUNICATION METHOD AND SYSTEM FOR COLLISION AVOIDANCE PROTOCOL

(51) International classification	:H04W74/08	(71)Name of Applicant :
(31) Priority Document No	:10171125.7	1)ABB RESEARCH LTD
(32) Priority Date	:28/07/2010	Address of Applicant : Affolternstrasse 44 CH 8050 Z ¹ /4rich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/061562	(72)Name of Inventor :
Filing Date	:08/07/2011	1)GIDLUND Mikael
(87) International Publication No	:WO 2012/013473	2)YANG Dong
(61) Patent of Addition to Application	:NA	3)SHEN Wei
Number	:NA	4)XU Youzhi
Filing Date	.11A	5)ZHANG Tingting
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a method for providing wireless communication between a source node and a destination node in a wireless network wherein said wireless network uses a time division multiple access (TDMA) protocol. One or more dedicated TDMA transaction timeslots (60 71) are arranged in a superframe. The superframe comprises at least one dedicated transaction slot forming a hybrid protocol with two or more shared transaction slots 50 per superframe. The method is of particular advantage when practised with a WirelessHART protocol wireless sensor network and when used for monitoring and control equipment and processes in an industrial installation. A computer program and a wireless node and a wireless network using the inventive method are also disclosed.

No. of Pages : 30 No. of Claims : 15

(21) Application No.789/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METERING DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B05B11/00 :20 2010 009 751.7 :01/07/2010 :Germany :PCT/EP2011/003287 :01/07/2011	 (71)Name of Applicant : 1)HOLZMANN WERNER Address of Applicant :M¼hlstr. 10 87616 Marktoberdorf Germany (72)Name of Inventor : 1)HOLZMANN WERNER
(87) International Publication No	:WO 2012/000682 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

For the cost effective production of a metering dispenser by means of which at least one component accommodated in a container (1) in particular in cartridge form can be metered by means of a pumping unit (2) having an inlet valve (4) an outlet valve (4) and a pumping cylinder (6) as well as a pumping piston (3) which is inserted in the pumping cylinder and can be activated by an actuating element (B) it is proposed for the straightforward construction of the pumping unit (2) that the latter be arranged in a sleeve (7) which continues the container (1) and is formed in one piece on the container (1).

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

(21) Application No.9541/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR FORMING MULTI LAYERED COATING FILM

 classification (31) Priority Document No (32) Priority Date (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 	:B05D1/36,C09D7/12,C09D167/00 :2010-096902 :20/04/2010 :Japan :PCT/JP2011/058890 :08/04/2011 :WO 2011/132551 A1 :NA :NA	 (71)Name of Applicant : 1)HONDA MOTOR CO.LTD. Address of Applicant :1 1 MinamiAoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor : 1)MATSUSHIMA Naoto 2)MATSUDA Takeshi 3)KURATA Yusuke 4)IHARA Satoru
Number	:NA :NA	

(57) Abstract :

The disclosed method for forming a multi layered coating film comprises the sequential execution of: a step for applying an intermediate coating material onto an object to be coated forming an intermediate coating film; a step for applying an aqueous base coating material onto said intermediate coating film forming a base coating film; a step for applying a clear coating material onto said base coating film forming a clear coating film; and a step for simultaneously curing the formed uncured intermediate coating film base coating film and clear coating film by means of heating the three coating films. At 40°C under the conditions of a shear stress of 1.0 Pa and a frequency of 0.1 Hz the intermediate coating material has a complex viscosity () of no more than 100 Pa·sec and at 80°C under the conditions of a shear stress of 1.0 Pa and a frequency of 0.1 Hz has a complex viscosity () of at least 800 Pa·sec.

No. of Pages : 35 No. of Claims : 9

(21) Application No.122/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : GROUND WIRE CONNECTION STRUCTURE FOR SHIELDED 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 	:PC1/JP2011/066076 :14/07/2011 :WO 2012/008520 A1	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)NABETA Yasunori 2)ITO Naoki
Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the present invention is to stabilize the contact state between a shielded wire and a ground wire. A ground wire connection structure for a shielded wire is a connection structure in which a shield layer (11) of a shielded wire (1) and a ground wire (3) are connected together wherein said shielded wire (1) comprises insulation layers (17) that cover cores (15) the shield layer (11) formed on the outer circumference of the insulation layers (17) and an external insulation layer (13) that covers the shield layer (11). A first crimping section (27) that is crimped and fastened to the shield layer (11) of a portion where the external insulation layer (13) has been removed and a second crimping section (29) that is crimped and fastened to a core (19) of the ground wire (3) at the outer face of the first crimping section (27) are integrally formed and the shield layer (11) and the core (19) of the ground wire (3) are crimped and fastened separately.

No. of Pages : 32 No. of Claims : 5

(21) Application No.696/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : BEARING RING WITH AN ADDITIONAL COMPONENT AND METHOD FOR PRODUCING SUCH A BEARING RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)AKTIEBOLAGET SKF Address of Applicant :S 415 50 Gteborg Sweden (72)Name of Inventor : 1)DAHLMAN Patrik
No Filing Date	:27/05/2011	
(87) International Publication No	:WO 2012/002867	
(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 bearing ring (1) produced from a straight profile bar (2) that is bent to an annular shape and where the bearing ring (1) is joined in a flash butt welding process and where the bearing ring (1) further comprises an additional component (8) enclosed within the bearing ring material. The invention further relates to a method for producing such a bearing ring (1) from a straight profile bar (2). The advantage of the invention is to obtain a bearing ring (1) with completely enclosed additional component (8) in a simple and cost effective way.

No. of Pages : 24 No. of Claims : 15

(21) Application No.710/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM FOR IMPLEMENTING PLURALITY OF INTERACTIVE SERVICES ASSOCIATED WITH FINANCIAL ORGANIZATION

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :Plot No. 44 Electronics City Hosur
(33) Name of priority country	:NA	Road Bangalore 560 100 Karnataka India
(86) International Application No	:PCT/IN2010/000509	(72)Name of Inventor :
Filing Date	:30/07/2010	1)KUNDAGRAMI Chandramouli
(87) International Publication No	:WO 2012/014217	2)SENAKUMARI Arunnima Balakrishnan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an integrated system for implementing various interactive services for a plurality of users associated with a financial organization. The system includes a linking module and a function module. The linking module associates user profiles corresponding to each of the users with the financial organization to enable the services for the users. The function module enables the users to perform a plurality of functionalities associated with the financial organization. Each of the users is enabled to perform the functionalities based on a type of user profile corresponding to the each of the users. Further the function module includes a transaction module and a social networking module. The transaction module the interaction module and the social networking module enable the users to utilize transaction services interactive services and social networking services respectively.

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

TION (21) Application No.4500/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PERFORMANCE REPORTING FOR PRODUCTS AND SERVICES USING WEB BASED PORTALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:14/11/2011	 (71)Name of Applicant : 1)SPHERE E LLC Address of Applicant :One International Place 100 Oliver Street Ste 1400 Boston Massachusetts 02110 U.S.A. (72)Name of Inventor : 1)DUNNING Deborah
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/067996 A2 :NA :NA :NA :NA	

(57) Abstract :

A method includes obtaining performance information from sources where the performance information relates to products and/or services enabling the performance information to be reviewed to thereby produce vetted and categorized performance information includes the vetted and categorized performance information where the vetted and categorized performance information includes the performance information that has been vetted for reliability and that has been categorized according to reliability and using the vetted and categorized performance information to generate reports where the reports indicate a performance impact of the products and/or services.

No. of Pages : 36 No. of Claims : 30

(21) Application No.701/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : RELAY STATION DEVICE MOBILE COMMUNICATION SYSTEM BASE STATION DEVICE AND METHOD FOR CONTROLLING RELAY STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:2010174455 :03/08/2010 :Japan :PCT/JP2011/002708 :16/05/2011 :WO 2012/017582 :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)AMINAKA Hiroaki
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This mobile communication system includes at least one upper level wireless station (1) and a relay station (2). The relay station (2) wirelessly relays between a lower level wireless station (3) and the upper level wireless station (1). The relay station (2) is configured in a manner so that when assignment fails to a first upper level wireless station contained in assignment setting information indicating the upper level wireless station to which the relay station (2) is assigned the relay station (2) is assigned to a second upper level wireless station networks (4 and 5) is notified of notification information indicating that assignment to the first upper level wireless station failed.

No. of Pages : 60 No. of Claims : 23

(21) Application No.241/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR ADJUSTING THE OSCILLATION FREQUENCY THE INERTIA OR THE BALANCE OF A MOBILE COMPONENT IN A MOVEMENT OR IN A BALANCE AND SPRING ASSEMBLY OF A TIMEPIECE SPRING BALANCE 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 	:01192/10 :16/07/2010 :Switzerland	 (71)Name of Applicant : 1)ETA SA MANUFACTURE HORLOG^RE SUISSE Address of Applicant :Schild Rust Strasse 17 CH 2540 Grenchen Switzerland (72)Name of Inventor : 1)KLINGER Laurent 2)KRAMER Thorsten 3)LIPPUNER Marc 4)CONUS Thierry 5)VERARDO Marco
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(57) Abstract :

The invention relates to a method for adjusting the oscillation frequency of a balance and spring assembly. The method involves: removing and/or adding and/or moving material on at least one component of said assembly by exposing same to a pulse from a processing means in order to carry out the micromachining and/or micromelting of the material of said component or of an added material and to vaporize and/or move and/or weld said material; and controlling said pulse using driving means arranged to generate sequence and interrupt any pulse and to drive the movements of a beam of said processing means said driving means being connected to or controlled by measurement or comparison means.

No. of Pages : 52 No. of Claims : 27

(21) Application No.2799/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR PRODUCING 2 METHYL 3 (4 TERT BUTYLPHENYL) PROPANAL HAVING HIGH PARA ISOMER PURITY

No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date NA	Application Number Filing Date (62) Divisional to Application Number	¹ :PCT/EP2011/065596 :09/09/2011 ¹ :WO 2012/034930 :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)GRIESBACH Ulrich 2)BOTZEM Jrg 3)STECKER Florian
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(57) Abstract :

The invention relates to a method for producing 2 methyl 3 (4 tert butylphenyl) propanal having high para isomer purity and to a method for producing 4 tert butylbenzaldehyde having high para isomer purity.

No. of Pages : 36 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/01/2013

(21) Application No.489/CHENP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : GRATING ELEMENT OF A DEVICE FOR REFRIGERATING WATER BY TRICKLING IT THROUGH A GRATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F28F25/08 :2010/0453 :22/07/2010 :Belgium :PCT/BE2011/000049	 (71)Name of Applicant : 1)HAMON THERMAL EUROPE S.A. Address of Applicant :Rue Emile Francqui 2 B 1435 Mont St Guibert Belgium (72)Name of Inventor :
Filing Date	:19/07/2011	1)MONJOIE Michel
(87) International Publication No	:WO 2012/009769	2)GANZITTI Vincent
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Grating element of a device for refrigerating water by trickling it through a grating comprising at least: an outer support frame (200); one or more inner support frames (100); and a series of laths (102) extending in the inner support frame or frames defining between them a series of passages of polygonal cross section at least 25% of the area defined by the inner support frame in question consisting of features (1) with a substantially octagonal passage.

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

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

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : BACKWARD TENSION APPLYING MECHANISM FOR TWISTING PAIRED ELECTRIC WIRES AND METHOD FOR FABRICATING TWISTED PAIR CABLE BY EMPLOYING BACKWARD TENSION APPLYING MECHANISM

(51) International classification	:H01B13/02	(71)Name of Applicant :
(31) Priority Document No	:2010166699	1)YAZAKI CORPORATION
(32) Priority Date	:26/07/2010	Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088333 Japan
(86) International Application No	:PCT/JP2011/067575	(72)Name of Inventor :
Filing Date	:26/07/2011	1)SUZUKI Yasuhiro
(87) International Publication No	:WO 2012/015058	2)FUJITA Hirokazu
(61) Patent of Addition to Application	:NA	3)YAMADA Takahiro
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To form a twisted pair cable with good quality which is twisted at uniform pitches without involving any slack therein even in a case that there exists variation in length of paired electric wires to be used. A backward tension applying mechanism 1 for twisting paired electric wires is adopted which comprises a pair of electric wire clamps 2 a pair of movable base plates 3 to which the pair of electric wire clamps are fixed respectively a common stationary base plate 5 with which the pair of movable base plates are brought into engagement so as to slide in a longitudinal direction of electric wires along corresponding guide rails 4 and a pair of backward tension applying air cylinders 6 which connect the common stationary base plate with the pair of movable base plates.

No. of Pages : 30 No. of Claims : 2

(21) Application No.703/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : FIBRE REINFORCED COMPOSITE MOULDING

 (51) International classification (31) Priority Document No (32) Priority Date (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 	¹ :PCT/EP2011/003260 :01/07/2011 ¹ :WO 2012/000678 :NA :NA	 (71)Name of Applicant : HEXCEL HOLDING GMBH Address of Applicant :Industriestrasse 1 A 4061 Pasching Austria (72)Name of Inventor : BORJA Adasme Yara Millaray DUMOLARD Jean Claude LARSEN Flemming SCHOEFLINGER Manfred
Filing Date	:NA	

(57) Abstract :

The present invention regards a fibre reinforced composite moulding with an outer (102) structure and an inner structure (106) wherein the outer structure (102) is formed from at least one layer of fibrous reinforcing material and a cured first resin material and the inner structure (106) is formed from a plurality of layers of fibrous reinforcing material and a second cured resin material wherein the viscosity of the uncured first resin material is lower than the viscosity of the uncured second resin material and wherein in the composite moulding the two cured resin materials are at least partially mixed with each other. It also regards a process for the production of such a fibre reinforced composite moulding.

No. of Pages : 25 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :26/12/2012

(21) Application No.5443/CHE/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : BI-FUEL INTERNAL COMBUSTION ENGINE - HANDLING OF TRANSIENT LOAD (51) International classification :H02H (71)Name of Applicant : (31) Priority Document No :NA **1)BOSCH LIMITED** (32) Priority Date :NA Address of Applicant : POST BOX NO 3000, HOSUR ROAD, ADUGODI, BANGALORE - 560 030 Karnataka India (33) Name of priority country :NA (86) International Application No :NA 2)ROBERT BOSCH GMBH Filing Date :NA (72)Name of Inventor : (87) International Publication No **1)PRABHU DILEEP** : NA (61) Patent of Addition to Application Number :NA 2)SUDHAKAR K Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method and a device to control an internal combustion engine. The invention discloses a device and a method to handle transient load in an internal combustion engine in such a way that the engine performance does not drop because of the transients in the load. The method comprises monitoring the transients in the load on the engine; if the transients are above a predefined threshold, then determining whether the engine is running on liquid fuel or gaseous fuel; if said engine is running on liquid fuel, then switching the engine to gaseous fuel; switching back to liquid fuel once the transients are below the predefined threshold.

No. of Pages : 11 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :23/01/2013

(54) Title of the invention : USER DEVICE DORMANCY

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

(43) Publication Date : 27/06/2014

(51) International classification	:H04W76/06,H04L29/08	(71)Name of Applicant :
(31) Priority Document No	:61/367160	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/07/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2011/045108	(72)Name of Inventor :
Filing Date	:22/07/2011	1)PATIL Kiran KishanRao
(87) International Publication No	:WO 2012/012780	2)SANKA Suresh
(61) Patent of Addition to Application	:NA	3)KRISHNAMOORTHY Sathish
Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a particular embodiment a method includes sending a message from a communication device to a radio network controller. The message indicates that a data session has ended. The data session is supported by a wireless channel between the communication device and the radio network controller. After a time period following the sending of the message a second message is selectively sent to the radio network controller. The second message indicates that the data session has ended. The second message is selectively sent based at least in part on whether a measurement indicates that data was communicated via the wireless channel during the time period.

No. of Pages : 40 No. of Claims : 42

(21) Application No.699/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(54) Title of the invention : WELDING TARGET POSITION MEASURING DEVICE

(43) Publication Date : 27/06/2014

(51) International classification :B23K9/127 (71)Name of Applicant : (31) Priority Document No :2010151803 1)KABUSHIKI KAISHA TOSHIBA (32) Priority Date :02/07/2010 Address of Applicant : 1 1 Shibaura 1 chome Minato ku Tokyo (33) Name of priority country :Japan 1058001 Japan :PCT/JP2011/003583 (72)Name of Inventor : (86) International Application No Filing Date :23/06/2011 1)OHDAKE Tatsuya (87) International Publication No :WO 2012/001918 2)AIKAWA Tetsuro (61) Patent of Addition to Application **3)SATOH Yoshinori** :NA Number 4)AOYAMA Kazuo :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A welding target position measuring device comprises: a groove shape position adjustment means (21) for adjusting the position of current groove shape data to the position of past groove shape data; a groove shape change amount calculation means (22) for calculating a shape change amount on the basis of the current shape data; a groove shape difference amount calculation means (23) for calculating the difference amount between the current and past shape data; a groove wall weld detection means (25) for detecting a groove wall weld on the basis of the calculation result of the groove shape difference amount calculation means; a weld bead end detection means (26) for detecting a weld bead end on the basis of the calculation result of the groove shape difference amount calculation means; a weld bead end on the basis of the calculation means for acquiring the weld pass number of the next pass in the weld information stored in a weld information recording means and selecting the groove wall weld and the weld bead end.

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

(19) INDIA

(22) Date of filing of Application :14/11/2012

(21) Application No.9614/CHENP/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : REACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:H01F37/00,H01F27/24 :2010113854 :18/05/2010 :Japan :PCT/JP2011/002646 :12/05/2011 :WO 2011/145299 :NA :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor : 1)MORIMOTO Tsutomu 2)INOUE Kenichi 3)INOUE Koji 4)HASHIMOTO Hiroshi
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(57) Abstract :

A core member (2) of the disclosed reactor (Da) comprises a magnetic wire material and is arranged outside a plurality of coils (1). As the core member (2) in the reactor (Da) having this structure is a wire material and is arranged outside the plurality of coils (1) the core member (2) can be formed by the winding of the wire material simplifying manufacturing.

No. of Pages : 27 No. of Claims : 8

(21) Application No.361/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : RAIL FASTENING SYSTEMN (51) International classification :E01B9/30,E01B9/48 (71)Name of Applicant : (31) Priority Document No :10 2010 027 560.3 1)SCHWIHAG AG (32) Priority Date :19/07/2010 Address of Applicant :Lebernstrasse 3 8274 Tgerwilen (33) Name of priority country :Germany Switzerland (86) International Application No :PCT/EP2011/003472 (72)Name of Inventor : Filing Date :12/07/2011 1)BUDA Roland :WO 2012/010269 (87) International Publication No A1 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a rail fastening system (1) for the force closed resilient fastening of a rail (2) on a sleeper (3) of a rail track system comprising at least one angled guide plate (5) that can be fixed to the sleeper (3) by at least one fastening element (4) having at least one shaft (12) and at least one tension clamp (6) the angled guide plate (5) being designed to hold the tension clamp (6) in a pre installation position (I) and a final installed position (II) wherein a sealing element (17) is arranged on or in the angled guide plate (5) and/or in a component (17) to be joined to the angled guide plate (5) and both in the pre installation position (I) and in the final installed position (II) bears in a sealing manner with at least one sealing surface (8) on the shaft (12) of the fastening element (4) and with at least one second sealing surface (9) on the angled guide plate (5) and/or on the component (13) to be joined to the angled guide plate (5).

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

(21) Application No.407/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : RECOVERING DISTORTED DIGITAL DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:12/859910 :20/08/2010 :U.S.A.	 (71)Name of Applicant : 1)RAYTHEON COMPANY Address of Applicant :870 Winter Street Waltham MA 02451 1449 U.S.A. (72)Name of Inventor : 1)HUME JR. George M. 2)EARL Robert C.
	:PCT/US2011/039356	(72)Name of Inventor :
(87) International Publication No	:WO 2012/024010	2)EARL Robert C.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one aspect a method to recover digital data includes receiving a distorted digital data stream and processing the distorted digital data stream to remove distortions. The processing includes detecting state changes removing noise and identifying valid pulses. The processing also includes forming an undistorted data stream based on the processing.

No. of Pages : 23 No. of Claims : 25

(21) Application No.447/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SENSOR FOR CHECKING VALUABLE DOCUMENTS

:G07D11/00,G06F9/44,G07D7/00 :10 2010 046 024.9 :20/09/2010 :Germany :PCT/EP2011/004671 :19/09/2011 :WO 2012/038052 A2 :NA :NA	 (71)Name of Applicant : 1)GIESECKE & DEVRIENT GMBH Address of Applicant :Prinzregentenstrae 159 81677 M¼nchen Germany (72)Name of Inventor : 1)R-HRL Wolfgang 2)MLLER Franz 3)STEIDL Helmut
:NA :NA	

(57) Abstract :

The invention relates to a sensor for checking valuable documents and to an apparatus having the sensor and to a method for operating the sensor. The sensor is distinguished by the fact that neither the software which is executed by the sensor for checking the valuable documents nor the adaptation data which are used by the sensor for checking the valuable documents is/are permanently stored in the sensor itself. The sensor is set up such that both the software and the adaptation data are loaded into the sensor from outside the sensor. Provision may be made for the sensor to be able to be used to check valuable documents only when a data storage medium is connected to the sensor and licence data which provide the sensor with a licence to use the software and/or the adaptation data are stored on the data storage medium.

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

(21) Application No.596/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR PRODUCING SILOXANE COPOLYMERS WITH URETHANE SULPHONAMIDO LINKING GROUPS

country :Germany 1)HEI	any ame of Inventor : ERZIG Christian VAC Christine
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(57) Abstract :

A novel process is described for producing siloxane copolymers with urethane sulphonamido linking groups by reacting in a first step an organic polymer (1) having at least one hydroxyl group with isocyanate (2) of the formula O=C=N SOX (I) where X is a halogen atom or a pseudohalogen moiety with the proviso that the amounts used of the isocyanate are from 0.8 to 1.0 mol preferably 1.0 mol of O=C=N group in (2) per mole of hydroxyl group (OH) in (1) and in a second step reacting the organic polymer (3) obtained from the first step and having at least one group of the formula O C (=O) NH SOX with an organopolysiloxane (4) having at least one primary or secondary amino group (NH) with the proviso that the amounts used of the organopolysiloxane (4) are from 1.2 to 4.0 mol preferably from 2.0 to 3.0 mol of amino group (NH) in (4) per mole of SOX in the isocyanate (2).

No. of Pages : 25 No. of Claims : 9

(21) Application No.698/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : AERATION DEVICE AND SEAWATER FLUE GAS DESULFURIZATION DEVICE PROVIDED WITH SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2010-229120 :08/10/2010 :Japan	 (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)SONODA Koisuko
Filing Date	:25/11/2010 :WO 2012/046356	1)SONODA Keisuke 2)NAGAO Shozo
(87) International Publication No	A1	2)NAGAO 511020
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aeration device is immersed in seawater that has been used for dilution which is water to be treated and generates fine bubbles in the seawater that has been used for dilution and is provided with: an air supply line (L) having branch pipes (L) which are air supply pipes that supply air (122) via blowers (121A to 121D) which serve as a discharge means; an aeration nozzle (123) provided with an air dispersing membrane (11) having slits through which air (122) is supplied from headers (15) of the branch pipes (L); and a water tank (140) and a supply pump (P) which serve as a water introduction means for supplying water (141) to the air supply line (L). Water (141) is introduced to the branch pipes (L) that branch from the air supply line (L) while the introduction of air (122) is suspended when the pressure loss in the aeration nozzle (123) increases.

No. of Pages : 43 No. of Claims : 9

(21) Application No.73/CHENP/2013 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : VACCINE COMPOSITION BASED ON STICHOLYSIN ENCAPSULATED IN LIPOSOMES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	¹ :PCT/CU2011/000004 :05/07/2011 ¹ :WO 2012/003814 A1 :NA :NA	 (71)Name of Applicant : 1)CENTRO DE INMUNOLOGIA MOLECULAR Address of Applicant :Calle 216 Esq 15Atabey Playa La Habana 12100 Cuba (72)Name of Inventor : 1)FERNANDEZ MOLINA Luis Enrique 2)LANIO RUIZ Maria Eliana 3)LABORDE QUINTANA Rady Judith 4)CRUZ LEAL Yoelys 5)LUZARDO LORENZO Maria del Carmen 6)MESA PARDILLO Circe 7)ALVAREZ VALCARCEL Carlos Manuel 8)PAZOS SANTOS Isabel Fabiola 9)TEJUCA MARTINEZ Mayra 10)VALLE GARAY Aisel 11)ALONSO BIOSCA Maria Eugenia 12)CANET SANTOS Liem
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(57) Abstract :

The present invention relates to the field of biotechnology as applied to human health. The invention describes a vaccine vehicle in which toxins from eukaryotic organisms are encapsulated in liposomes with multiple lipid layers obtained by means of the process of dehydration/rehydration the lipid composition of which is dipalmitoylphosphatidylcholine:cholesterol in a molar ratio of 1:1 which are designed for subcutaneous or intramuscular administration. These compositions do not require the use of other adjuvants. The compositions described allow modulation of the specific CTL immune response to one or more antigens co encapsulated in the liposomes that contain the toxin. The vaccine vehicle of the present invention presents advantages as compared with others described in the prior art owing to the robust and functional nature of the immune response induced and also the immunomodulating properties thereof.

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

(21) Application No.4816/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR EVALUATING AND DETERMINING THE USER[™]S FINANCIAL AFFORDABILITY FOR BUYING OR LEASING THE REAL ESTATE

 (51) International classification (31) Priority Document No (32) 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 :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)ARTHA YANTRA SOLUTIONS PVT LTD. Address of Applicant :EAST AVENUE, PLOT #319, SECOND FLOOR, AYYAPA SOCIETY, MADAHPUR, HYDERABAD - 500 081 Andhra Pradesh India (72)Name of Inventor : 1)NITIN B VYAKARANAM 2)NAGA SAI MAHESH TADEPALLI
(61) Fatern of Addition to Application NumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	2)NAGA SAI MAHESH TADEPALLI

(57) Abstract :

A computer readable system and method for evaluating and determining the users capability based on the current financial status of the user to afford the lease, rent or purchase of the real estate such as a residential house and helps the user to make such decisions related to the real estate. The system of the invention utilizes a novel approach to evaluate the current financial status of the user by evaluating the current factors associated with user and the real estate. The system generates scores and recommendations, which determines whether buying affordability of a particular real estate for the user and risk associated with the same.

No. of Pages : 19 No. of Claims : 8

(21) Application No.704/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR SEPARATION OF GASES

(57) Abstract :

The invention relates to a specific apparatus more particularly a chain of gas separation membrane modules for separation of gas mixtures into two fractions each of elevated purity.

No. of Pages : 44 No. of Claims : 18

(21) Application No.10493/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : MOLDING COMPOUND OR COATING SYSTEM (PMMA FREE) HAVING IR REFLECTING PROPERTIES IN COMBINATION WITH A SURFACE LAYER OR FILM CONTAINING PMMA

 (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/EP2011/056691 :28/04/2011	 (71)Name of Applicant : 1)EVONIK R-HM GMBH Address of Applicant :Kirschenallee 64293 Darmstadt (72)Name of Inventor : 1)CLAMER Elisabeth 2)ENDERS Michael 3)NEUH,,USER Achim
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to covered dyed infrared reflecting molded bodies which can be used as an IR blocking layer and employed for example in construction or automobile construction for example as a vehicle roof module having thermally insulating properties.

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

(21) Application No.395/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ACOUSTIC APPARATUS AND OSCILLATING UNIT

(51) International classification	:H04R17/00,H04M1/00,H04R1/40	(71)Name of Applicant :
(31) Priority Document No	:2010-166544	1)NEC CASIO MOBILE COMMUNICATIONS LTD.
(32) Priority Date	:23/07/2010	Address of Applicant :1753 Shimonumabe Nakahara ku
(33) Name of priority country	:Japan	Kawasaki shi Kanagawa 2118666 Japan
(86) International Application	:PCT/JP2011/004034	(72)Name of Inventor :
No	:14/07/2011	1)KISHINAMI Yuichiro
Filing Date	.14/07/2011	2)ONISHI Yasuharu
(87) International Publication	:WO 2012/011255 A1	3)KOMODA Motoyoshi
No	. WO 2012/011255 AI	4)MURATA Yukio
(61) Patent of Addition to	:NA	5)KURODA Jun
Application Number	:NA	6)SATOU Shigeo
Filing Date	.11A	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/ 1	

(57) Abstract :

In the present disclosures a portable telephone (100) detects at least the direction of the position of vocalization of a user from the sound input to a plurality of microphones (121 122) and controls the direction of sound output of a speaker unit (110) towards the detected position of vocalization. As a result it is possible to provide a sufficient volume of sound to only a particular user without generating noise in the periphery. The microphones may form a matrix with piezoelectric oscillating elements that configure the speaker unit or may be separate from the speaker unit.

No. of Pages : 31 No. of Claims : 10

(21) Application No.706/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : ELECTRODE FOR A LITHIUM BATTERY

(57) Abstract :

The invention relates to an electrode for a lithium battery comprising LiFePO4 as an electrochemically active material and a binder consisting of polyacrylic acid. The mean molecular weight of the polyacrylic acid is greater than or equal to 1 250 000 g/mol and strictly less than 2 000 000 g/mol. The percentage of LiFePO4 is greater than 90 wt % and the percentage of polyacrylic acid is less than or equal to 4 wt % said percentages being calculated relative to the total weight of the electrode. The invention also relates to the use of such an electrode in a lithium battery having a power or energy operating mode.

No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/01/2013

(21) Application No.755/CHENP/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : VIDEO ENCODING DEVICE VIDEO DECODING DEVICE VIDEO ENCODING METHOD AND VIDEO DECODING METHOD

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:2010160647	1)Mitsubishi Electric Corporation
(32) Priority Date	:15/07/2010	Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2011/003907	(72)Name of Inventor :
Filing Date	:07/07/2011	1)MORIYA Yoshimi
(87) International Publication No	:WO 2012/008125	2)SEKIGUCHI Shunichi
(61) Patent of Addition to Application	:NA	3)SUGIMOTO Kazuo
Number	:NA	4)HATTORI Ryoji
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present disclosures when an intra prediction unit (4) generates a predicted image of a color difference signal: intra prediction processing is executed on an encoded target block of the color difference signal using intra prediction parameters that are the same as intra prediction parameters used when executing intra prediction processing on an encoded target block of a brightness signal; or intra prediction processing is executed on an encoded target block of the color difference signal by applying average value prediction. A variable length encoding unit (13) variable length encodes a flag indicating whether or not the intra prediction unit (4) is using the same intra prediction parameters as the brightness signal.

No. of Pages : 81 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 27/06/2014

(21) Application No.597/CHENP/2013 A

(54) Title of the invention : COMMUNICATIONS CONTROL DEVICE COMMUNICATIONS SYSTEM 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 (2) Distributes the Application Number 	:2010-168370 :27/07/2010 :Japan :PCT/JP2011/067079 :27/07/2011 :WO 2012/014931 A1 :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)TAKAZOE Tomoki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a communications control device (1) that is connected to a router (6) and a terminal device (4) and which stores prefix information when prefix information sent from the router (6) by a router advertisement is received. The communications control device (1) blocks a communications packet if the prefix information for the source address or the destination address contained in the received communications packet differs from the stored prefix information and allows the communications packet to pass if the prefix information address contained in the received communications packet is the same as the stored prefix information. This enables illegal communications packets to be appropriately blocked in an IPv6 network environment.

No. of Pages : 38 No. of Claims : 8

(21) Application No.1013/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014

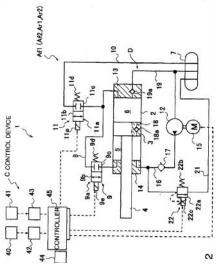
(54) Title of the invention : RAILWAY VEHICLE VIBRATION DAMPING DEVICE

(43) Publication Date : 27/06/2014

(51) International classification :B61F 5/24 (71)Name of Applicant : (31) Priority Document No :2012-056848 1)KAYABA INDUSTRY CO.,LTD (32) Priority Date :14/03/2012 Address of Applicant :WORLD TRADE CENTER BLDG., 4-1,HAMAMATSU-CHO 2-CHOME, MINATO-KU,TOKYO 105-(33) Name of priority country :Japan (86) International Application No :PCT/JP2013/056945 6111, JAPAN Filing Date :13/03/2013 (72)Name of Inventor : (87) International Publication No :WO 2013/137295 1)TAKAYUKI OGAWA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Two or more front-side vibration suppression force generation sources and two or more rear-side vibration suppression force generation sources are interposed between bogies and the vehicle body. A controller calculates a sway high-frequency vibration suppression force for suppressing vibration having a frequency which is not less than a frequency of a centrifugal acceleration acting on the vehicle body when the railway vehicle runs in a curve section. The controller lets at least a part of the front-side vibration suppression force generation sources and at least a part of the rear-side vibration suppression force generation sources output a resultant force of a yaw suppression force generation sources function as passive dampers when the railway vehicle runs in the curve section. Ride quality of the vehicle in the curve section is thereby improved.



No. of Pages : 49 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/05/2014

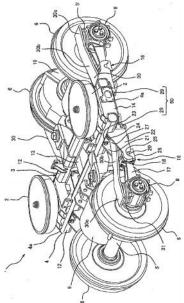
(21) Application No.1072/KOLNP/2014 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : RAILWAY V	EHICLE TRUCK	
 (51) International classification (31) Priority Document No (32) Priority Date (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 	:B61F5/52 :2011-155609 :14/07/2011 :Japan :PCT/JP2012/004514 :12/07/2012 :WO2013008469 :NA :NA :3832/KOLNP/2013 :26/12/2013	 (71)Name of Applicant : 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA Address of Applicant :1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN (72)Name of Inventor : 1)NISHIMURA, TAKEHIRO 2)NAKAO, SHUNICHI 3)KUSUNOKI, TAKEYOSHI

(57) Abstract :

A railcar bogic comprising a cross beam configured to support a carbody of a railcar; a pair of front and rear axles sandwiching the cross beam and respectively arranged in front of and behind the cross beam in a railcar longitudinal direction so as to extend in a railcar width direction; bearings respectively provided at both railcar width direction sides of each of the axles and configured to rotatably support the axles: axle boxes configured to respectively accommodate the bearings; coupling mechanisms configured to couple the axle boxes to the cross beam; plate springs extending in the railcar longitudinal direction so as to respectively support both railcar width direction end portions of the cross beam and each including both railcar longitudinal direction end portions respectively supported by the axle boxes; and an auxiliary supporting mechanism configured to support at least one of the railcar width direction end portions of the cross beam in a case where said one end portion of the cross beam is displaced downward beyond a predetermined elastic deformation range of the plate spring, wherein: the auxiliary supporting mechanism includes stoppers each configured to limit a rotation angle of the axle box around the axle within a predetermined angular range; in a case where the plate spring is within the elastic deformation range, there is a gap between each of the stoppers and a portion provided integrally with the axle box; and in a case where the railcar width direction end portion of the cross beam is displaced downward beyond the elastic deformation range of the axle box to rotate around the axle, each of the stoppers contacts the portion provided integrally with the axle box, to prevent the axle box from rotating, thereby supporting the railcar width direction end portion of the cross beam is displaced downward beyond to the cross beam via the coupling mechanism.



No. of Pages : 41 No. of Claims : 6

The Patent Office Journal 27/06/2014

(21) Application No.1073/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : INFANT CALMING/SLEEP-AID DEVICE AND METHOD OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/549,627 :20/10/2011 :U.S.A.	 (71)Name of Applicant : 1)UNACUNA,LLC Address of Applicant :11357 Montana Ave. Los Angeles,CA 90049 U.S.A. (72)Name of Inventor : 1)KARP,Harvey,Neil
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)BERLIN,Matthew,R. 3)GRAY,Jesse,V. 4)WASHABAUGH,Bill,Walter 5)ROY,Deb,Kumar

(57) Abstract :

An infant calming/sleep-aid device includes a main moving platform that moves in a reciprocating manner and an actuator that drives the reciprocating movement of the main moving platform. The moving head platform is linked to the main moving platform and at least one of a motion sensing device and a sound sensing device are either at or proximate to a moving head platform that is pivotally linked to the main moving platform. A logic circuit links at least one of the motion and sound sensing devices of the infant calming/sleep-aid device to the main moving platform whereby signals detected modulate movement of the main moving platform. A sound generating device is linked to the logic circuit.

No. of Pages : 48 No. of Claims : 80

(21) Application No.1016/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : WIND-ON CORE MANUFACTURING METHOD FOR SPLIT CORE CONFIGURATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01F 27/26 :13/295,199 :14/11/2011 :U.S.A.	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :AFFOLTERNSTRASSE 44,CH-8050 ZURICH SWITZERLAND
 (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/US2012/062035 :26/10/2012 :WO 2013/074268 :NA :NA :NA	(72)Name of Inventor : 1)PARRISH,RYAN,M. 2)BURKE,FRANK,P.

(57) Abstract :

A method provides a portion of a transformer by forming a core by providing transformer core material, cutting individual laminations and bending them into generally C-shaped members, stacking some members to define a first core portion having a main leg and two opposing end legs, stacking other members to define a second core portion having a main leg and two opposing end legs, arranging the main legs in a back-to-back manner to define the core having a core leg defined by the two main legs, and opposing core yokes, defined by the end legs. Conductive material is wound directly around the core leg to form a primary winding and secondary winding in any order of arrangement, thus providing a first transformer portion. The transformer portion may be part of a single transformer or, when second and third transformer portions are provided, as part of a three-phase transformer.

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

(21) Application No.1071/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : MONITOTING OF LIQUID EJECTION SYSTEM

	n:B05B13/06,B08B9/08,B08B9/093	
(31) Priority Document No	:12155042.0	1)ALFA LAVAL CORPORATE AB
(32) Priority Date	:13/02/2012	Address of Applicant : P. O. Box 73, S- 22100 Lund,
(33) Name of priority country	:EPO	SWEDEN
(86) International Application No Filing Date	:PCT/EP2013/052666 :11/02/2013	 (72)Name of Inventor : 1)FALSTER-HANSEN, Henrik, 2)MADSEN, Karsten Schack,
(87) International Publication No	:WO 2013/120799	3)BRANDT, Claus,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A monitoring arrangement for a liquid ejection apparatus (100) capable of ejecting liquid (L) in a pattern on an interior surface (41) of a tank (40), the monitoring arrangement comprising a sensor unit that generates a signal (Ss) indicative of liquid (L) coming into contact with the interior surface (41) of the tank (40), and a processing unit (30) configured to: receive the signal (Ss); retrieve a reference property (Tref, tref, Are, fref) that is indicative of liquid (L) coming into contact with the interior surface (41); register, during a measuring period (AT2) when the fluid nozzle (112) ejects liquid (L), at least one current property (T2, t2, A2, f2) of the signal (Ss); compare the current property with the reference property; and initiate, if the current property deviates from the reference property beyond a predetermined level, a message indicative of the deviation.

No. of Pages : 27 No. of Claims : 16

(21) Application No.1126/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : PUMP CONTROL IN CLUDING CLEANING PROCEDURE OR STOPPING DEPENDING ON MOTOR LOAD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F04D15/02,F04D7/04,F04D15/00 :1151254-8 :22/12/2011 :Sweden	 (71)Name of Applicant : 1)XYLEM IP HOLDINGS LLC, Address of Applicant :1133 Westchester Avenue, White Plains, New York 10604, U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2012/071154 :21/12/2012 :WO 2013/096726	 (72)Name of Inventor : 1)FULLEMANN, Alexander 2)Fredrik S-DERLUND 3)KARLEN, Mats
(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 controlling a pump arrangement comprising a pump (2) having a motor (7) and a control unit (6), said motor (7), when the pump (2) is in an active state and the motor (7) is driven in a first direction, being associated with a load factor that corresponds to an operating condition of the pump arrangement; the pump arrangement also comprising means for monitoring at least one operating parameter from which the load factor of the motor (7) can be derived. The method comprises the steps of determining a real value of said at least one operating parameter, determining if an externally applied force is acting on the motor (7) to such an extent that an operating condition detrimental to the pump arrangement is initiated effecting a state shift from the active state to an inactive state of the pump (2) if an operating condition detrimental to the pump arrangement is initiated, the state shift comprising that the control unit (6), immediately after a detrimental operating condition is initiated, abruptly breaks the driving of the motor (7) in said first direction.

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

(21) Application No.1127/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROL VALVE ASSEMBLY		
(51) International classification(31) Priority Document No	:C02F1/469 :13/283,189	(71)Name of Applicant : 1)PENTAIR RESIDENTIAL FILTRATION, LLC
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:29/10/2012	Address of Applicant :5730 North Glen Park Road, Glendale, WI 53209 U.S.A. (72)Name of Inventor : 1)AVERBECK, David, J.
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/063576 :NA :NA	2)SHOEMAKER, George, Ellis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the invention provide a control valve assembly and method of fault detection that includes adjusting a valve between an operating position and a fault position in response to various fault conditions. The control valve assembly is adjustable to accommodate fault conditions encountered in a variety of electrochemical deionization systems.

No. of Pages : 78 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :16/05/2014

(21) Application No.1052/KOLNP/2014 A

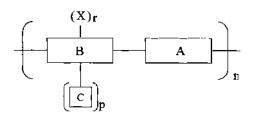
(43) Publication Date : 27/06/2014

(54) Title of the invention : SOLUBILIZATION AND TARGETED DELIVERY OF DRUGS WITH SELF-ASSEMBLING AMPHIPHILIC POLYMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C09D 7/00 : :19/01/2006 :Argentina :PCT/US2006/001820 :19/01/2006	 (71)Name of Applicant : 1)ALLEXCEL,INC Address of Applicant :135 WOOD STREET,WEST HAVEN,CT 06516 U.S.A. (72)Name of Inventor : 1)DIWAN,ANIL
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO2007084126 :NA :NA :3376/KOLNP/2008	2)ONTON,ANN,LOUISE 3)TATAKE,JAYANT,G.
Filed on	:18/08/2008	

(57) Abstract :

A comb polymer consisting essentially of the following structure: comprising a backbone formed of alternating branch-point moieties B and hydrophilic, water-soluble polymer blocks A; and having hydrophobic side chains C attached to the branch-point moieties, wherein each side chain C is independently selected from the group consisting of linear hydrocarbons optionally substituted with one or more hydrophilic substituents, polycyclic hydrocarbons optionally substituted with one or more hydrophilic substituents, hydrophobic amino acids, peptides and polymers; wherein one or more reactive functional groups X are attached to each branch-point moiety, and wherein n ranges from 3 to about 100 and on average, r ranges from about 1 to about 4, and wherein, on average, 1 < p 4.



No. of Pages : 58 No. of Claims : 28

(21) Application No.1110/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROPELLER PUMP AND PUMP STATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F04D3/02,F04D29/52,F04D29/54 :1151185-4 :13/12/2011 :Sweden	 (71)Name of Applicant : 1)XYLEM IP HOLDINGS LLC Address of Applicant :1133 Westchester Avenue, White Plains,NY New York 10604, U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2012/069373 :13/12/2012 :WO 2013/090500	(72)Name of Inventor : 1)J–RGEN BURMAN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

According to a first aspect the present invention relates to a propeller pump comprising a pump housing and a pump core that is arranged in the pump housing and has a propeller, which together delimit a channel, and which are connected by means of a guide vane. The propeller pump is characterized in that a cross- sectional area (A2) of the channel (27) at the rear edge (30) of the guide vane (13) has a measure that is greater than and that is less than a factor of 1,1 times a cross-sectional area (A1) at the rear edge (29) of the blades (21) of the propeller and that the specific rotational speed of the propeller pump is greater than 200 and less than 300. According to a second aspect, the present invention relates to a pump station comprising such a propeller pump.

No. of Pages : 26 No. of Claims : 11

(21) Application No.1111/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 WAVERLY STREET, CAMBRIDGE, MASSACHUSETTS 02139-4242, U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:28/12/2006 :WO 2007/087066 :NA :NA :2676/KOLNP/2008	1)RUAH, SARA S., HADIDA 2)MILLER, MARK, T. 3)BEAR, BRIAN 4)MCCARTNEY, JASON 5)GROOTENHUIS, PETER, D.J.

(57) Abstract :

A compound of formula (I) or a pharmaceutically acceptable salt thereof, wherein: Each R1 is independently an optionally substituted C1-6 aliphatic, an optionally substituted aryl, an optionally substituted heteroaryl, an optionally substituted C3-10 membered cycloaliphatic or an optionally substituted 4 to 10 membered heterocycloaliphatic, carboxy, amido, amino, halo, or hydroxy, provided that at least one R1 is an optionally substituted aryl or an optionally substituted heteroaryl and said R1 is attached to the 3- or 4- position of the phenyl ring; R2 is hydrogen, an optionally substituted C1-6 aliphatic, an optionally substituted C3-6 cycloaliphatic or an optionally substituted heteroaryl; Ring A is an optionally substituted cycloaliphatic or an optionally substituted heteroaryl; Ring A adjacent to C are carbon atoms; Each R4 is an optionally substituted heteroaryl; and n is 1, 2, 3, 4, or 5. Compounds of the present invention and pharmaceutically acceptable compositions thereof, are useful as modulators of ATP-Binding Cassette (ABC) transporters or fragments thereof, including Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). The present invention also relates to methods of treating ABC transporter mediated diseases using compounds of the present invention.

No. of Pages : 353 No. of Claims : 75

(19) INDIA

(22) Date of filing of Application :13/12/2013

(21) Application No.1406/KOL/2013 A

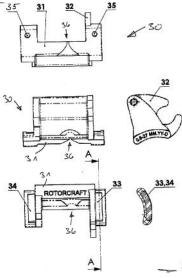
(43) Publication Date : 27/06/2014

(54) Title of the invention : COMPACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (32) Non-American Science (20) 	:10 2012 025 176.9 :24/12/2012	(71)Name of Applicant : 1)ROTORCRAFT AG Address of Applicant :BAFFLESSTRASSE 14, 9450 ALTSTÄTTEN, SWITZERLAND
(33) Name of priority country(86) International Application No	:Germany :NA	(72)Name of Inventor : 1)STAHLECKER, HANS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compactor for disposing between output pressure roller and delivery pressure roller of a draw frame for ring spinning machines featuring at least one magnet for positioning the compactor at the delivery cylinder of the draw frame, wherein said compactor is engineered as a main body (31) unified together with an elastic safeguarding element (32) in a component of a hard-wearing, injectable plastics material and comprising at least one magnet (33) located therein.



No. of Pages : 11 No. of Claims : 4

(21) Application No.1018/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PUSH/PULL CABLE

(51) International classification	:F16C 1/26	(71)Name of Applicant :
(31) Priority Document No	:61/547,345	1)MARINE ACQUISITION (US)INCORPORATED
(32) Priority Date	:14/10/2011	Address of Applicant :640 NORTH LEWIS
(33) Name of priority country	:U.S.A.	ROAD,LIMERICK,PA 19468 U.S.A.
(86) International Application No	:PCT/US2012/060185	(72)Name of Inventor :
Filing Date	:15/10/2012	1)GRANDA,JEFFERY PAUL
(87) International Publication No	:WO 2013/056209	2)GREEN,MATTHEW K.C.
(61) Patent of Addition to Application	:NA	3)GRAHAM,DENNIS
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A push/pull cable comprises a cable core and a cable core liner. The cable core includes a central mandrel wire and an outer helical wire wound about the central mandrel wire. The cable core liner has a splined inner wall and the cable core is disposed within the cable core liner.

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

(21) Application No.1074/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/05/2014

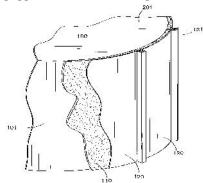
(43) Publication Date : 27/06/2014

(54) Title of the invention : STORAGE TANK INSULATION JOINT APPARATUS AND METHOD

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E04H7/06,B65D90/08,E04B1/68 :61/549,956 :21/10/2011 :U.S.A. :PCT/GB2012/052547 :15/10/2012 :WO 2013/057479 :NA :NA	 (71)Name of Applicant : 1)PENTAIR THERMAL MANAGEMENT LLC Address of Applicant :307 Constitution Drive Menlo Park,California CA 94025-1164 U.S.A. 2)RODRIGUEZ,Joseph (72)Name of Inventor : 1)CHISM,Christopher
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A joint (121,300) for fluid storage tank insulation systems (120,210) designed to be a central expansion joint which forms a fluid sealed recessed channel having a ridge-like cap (250). Water and moisture are directed away from the central expansion joint by the ridge¬like cap (250). Any water that breaches the cap enters the recessed channel and flows out of the expansion joint without damaging tank insulation material. With installations having multiple expansion joints, at least one of the expansion joints can be equipped with an inverted cap to form a gutter within such expansion joint.



No. of Pages : 25 No. of Claims : 26

(21) Application No.1128/KOLNP/2014 A

(19) INDIA

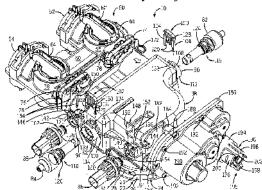
(22) Date of filing of Application :26/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROL VALVE 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 	:C02F1/469 :13/283,158 :27/10/2011 :U.S.A. :PCT/US2012/062414 :29/10/2012 :WO 2013/063566 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PENTAIR RESIDENTIAL FILTRATION, LLC Address of Applicant :5730 North Glen Park Road, Glendale, WI 53209 U.S.A. (72)Name of Inventor : 1)AVERBECK, David, J. 2)ELLIS, George, Shoemaker

(57) Abstract :

Embodiments of the invention provide a control valve assembly and method of operating in a blend position at which a supply fluid and a treated fluid are combined into a blended fluid that is directed from the control valve assembly to establish multi port blending. The control valve assembly is adjustable to accommodate fluctuating demand for treated fluid.



No. of Pages : 79 No. of Claims : 32

(21) Application No.1129/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

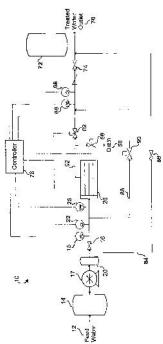
(43) Publication Date : 27/06/2014

(54) Title of the invention : REGENERATION OF A CAPACITIVE DEIONIZATION SYSTEM

(51) International classification	:C02F1/42	(71)Name of Applicant :
(31) Priority Document No	:13/283,285	1)PENTAIR RESIDENTIAL FILTRATION, LLC
(32) Priority Date	:27/10/2011	Address of Applicant :5730 North Glen Park Road Glendale
(33) Name of priority country	:U.S.A.	WI 53209 U.S.A.
(86) International Application No	:PCT/US2012/062442	(72)Name of Inventor :
Filing Date	:29/10/2012	1)AVERBECK David J.
(87) International Publication No	:WO 2013/063582	2)TALLON Rebecca M.
(61) Patent of Addition to Application	:NA	3)BOEDEKER Brett A.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the invention provide a method of regenerating a capacity of a flow-through capacitor. A target value for a water property concentration in a discharge water stream exiting the flow-through capacitor is established. A feed value for the water property concentration in a feed water stream entering the flow-through capacitor is measured. An amount of the water property concentration to be added to the feed water stream is calculated based on the feed value to achieve the target value for the water property concentration in the discharge water stream. An amperage of the flow-through capacitor and a flow rate through the flow-through capacitor is controlled to add ions to the feed, water stream to achieve the target value for the water property concentration in the discharge water stream. In some embodiments, the amperage can be set and the flow rate controlled to achieve the target concentration.



No. of Pages : 46 No. of Claims : 20

The Patent Office Journal 27/06/2014

(21) Application No.1363/KOL/2013 A

(19) INDIA

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

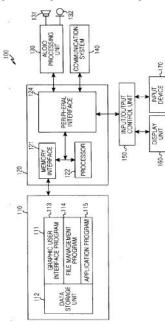
(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD FOR CONTROLLING FILE NAME AND ELECTRONIC DEVICE THEREOF.

(51) International classification	:G06F	(71)Name of Applicant :
(51) International classification	17/00	1)SAMSUNG ELECTRONICS CO.,LTD.
(31) Priority Document No	:10-2012-	Address of Applicant :129,SAMSUNG-RO YEONGTONG-
(51) Flority Document No	0152318	GU,SUWON-SI,GYEONGGI-DO 443-742.KOREA Republic of
(32) Priority Date	:24/12/2012	Korea
(22) Name of mignity country	:Republic	(72)Name of Inventor :
(33) Name of priority country	of Korea	1)HA-NA LEE
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for controls a file name in an electronic device. The method includes when a data transmission event occurs, detecting at least one file for attachment to data transmission; determining whether a renamed file exists among the at least one file; when at least one renamed file exists, generating a header in consideration of a changed name with respect to the at least one renamed file; and generating and transmitting a data packet including the header.



No. of Pages : 58 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :16/12/2013

(21) Application No.1419/KOL/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : UNIVERSAL MOUNT CONTACT BLOCK WITH REVERSIBLE PROTECTED WIRING TERMINALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01R 9/00 :13/724,075 :21/12/2012 :U.S.A. :NA :NA	
 (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	2)ZHONG, RUI CHRIS

(57) Abstract :

A reconfigurable contact block usable for at least DIN rail and panel mount applications. The contact block's wiring compartments have reversible wiring terminals and reversible, interchangeable protective covers. Lateral wiring ports in each cover guide inserted wires to the covered terminal, and an axially facing cover opening provides tool access to the terminal.

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

(21) Application No.1137/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

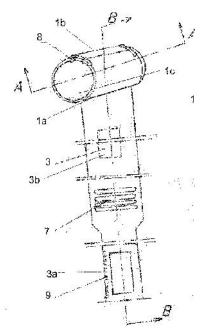
(43) Publication Date : 27/06/2014

(54) Title of the invention : MEDICAL DEVICE AND METHODS FOR BLOOD VESSEL COMPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61B17/132 :PL396805 :28/10/2011 :Poland :PCT/EP2012/071323 :28/10/2012 :WO 2013/060883	 (71)Name of Applicant : 1)INSTYTUT KARDIOLOGII Address of Applicant :ul. Alpejska 42, PL-04-628 Warszawa POLAND (72)Name of Inventor : 1)KRUK, Mariusz
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2013/060883 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to a medical device and method for applying pressure onto a patient's limb, especially at a blood vessel or a wound site, in order to achieve local hemostasis. The device comprises a body (1) for blood vessel compression, holding element (2) for attaching the body (1) to a patient's limb, a fastening means (3) for holding the device in a desirable position, wherein the body (1) has a first compression area (1a) which is situated at the outer surface of the body (1), at least one second compression area (1b) through which the body (1) is pressed with a holding element (2), a third compression area (1c) for compression control during application of the device, and wherein the holding element (2) is guided over the first compression area (1a), when the device is attached to the patient's limb.



No. of Pages : 30 No. of Claims : 49

(21) Application No.1192/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : FILLING MATERIAL AND GROUND-REPAIRING METHOD

(51) International classification	:C09K 17/02	(71)Name of Applicant :
(31) Priority Document No	:2011-242734	1)JFE STEEL CORPORATION
(32) Priority Date	:04/11/2011	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 1000011 JAPAN
(86) International Application No	:PCT/JP2012/006249	(72)Name of Inventor :
Filing Date	:28/09/2012	1)HAYASHI, MASAHIRO
(87) International Publication No	:WO 2013/065229	2)HAYASHIDO, YASUSHI
(61) Patent of Addition to Application	:NA	3)NAKANISHI, KATSUYOSHI
Number	:NA	4)YOSHITAKE, HIDEKI
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a filling material, which can be manufactured at low cost and has excellent flowability/pumpability and appropriate strength as well as a ground-repairing method using the filling material. The invention is characterized in comprising 2 - 10 parts by mass of cement, 30 - 100 parts by mass of water and 3 - 10 parts by mass of bentonite with respect to 100 parts by mass of iron and steel slag and in the gas bubble content being in the range of 10 - 40 volume%.

No. of Pages : 24 No. of Claims : 5

(21) Application No.1193/KOLNP/2014 A

(19) INDIA

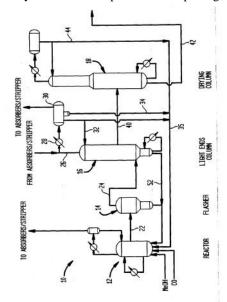
(22) Date of filing of Application :02/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : PRODUCTION OF ACETIC ACID WITH ENHANCED CATALYST STABILITY

(57) Abstract :

Processes for the production of acetic acid by carbonylation of methanol and reactive derivatives thereof in a liquid phase reaction medium, wherein the reaction medium comprises a finite amount of water, a homogeneous catalyst, an alkyl halide promoter, and a catalyst stabilizer/co-promoter comprising a dissymmetric phosphonium cation.



No. of Pages : 35 No. of Claims : 44

(21) Application No.1194/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : COBALT AND TIN CATALYST FOR PRODUCING ETHANOL

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:61/581,290 :29/12/2011 :U.S.A. :PCT/US2012/071355 :21/12/2012 :WO 2013/101756 :NA :NA	 (71)Name of Applicant : 1)CELANESE INTERNATIONAL CORPORATION Address of Applicant :222 W. Las Colinas Blvd., Suite 900N, Irving, Texas 75039, U.S.A. (72)Name of Inventor : 1)WEINER, Heiko 2)WOLLRAB, Radmila 3)ZHOU, Zhenhua 4)JOHNSTON, Victor J.
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the formation of alcohols from alkanoic acids, the steps of the process comprising: contacting a feed stream containing the alkanoic acid and hydrogen at an elevated temperature with a hydrogenating catalyst comprising from 3 to 25 wt.% of active metals on a support, wherein the active metals comprise cobalt and tin.

No. of Pages : 34 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.1433/KOL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PORTFOLIO CAPITAL ALLOCATION FOR RETAIL CREDIT ASSETS

(51) International classification	:G06Q50/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DINABANDHU BAG
(32) Priority Date	:NA	Address of Applicant : DINABANDHU BAG, FR-57, NIT
(33) Name of priority country	:NA	ROURKELA, 769008, ORISSA India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DINABANDHU BAG
(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 :

Various embodiments of the present invention relates to system and methods for retail assets portfolio capital allocation for a company (e.g., public corporation or a banking company). More particularly, one embodiment of the present invention relates to a decision tool for a company's retail assets and determining the capital allocation amount for such assets. This includes; (1) Probability of default (PD), (2) margin income and (3) capital allocation amount, respectively; wherein (1) Probability of default (PD) includes credit losses due to defaults by borrowers (customers, suppliers), (2) margin income includes the economic benefits derived from the asset and (3) capital allocation amount, which includes the capital to outstanding balance ratio and capital allocation amount for the retail assets portfolio. The present invention provides a unifying framework in which to solve the problem of allocating a company's scarce resources of capital and its allocation (e.g. identifying and implementing the solutions to a company's capital allocation decision challenges). This also provides realistic picture of borrower (supplier, consumers, and customer) credit risk, a proactive and leading view of credit risk and improved segmentation and differentiation of assets due to a scientific method of assessment. Apart from solving the company's capital allocation, this framework can be used as a decision making tool for analyzing and comparing specific situations of making decision for new customers, new suppliers, new borrowers, etc.

No. of Pages : 52 No. of Claims : 11

(21) Application No.1087/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/05/2014

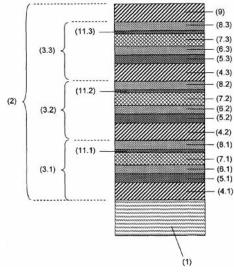
(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSPARENT PANEL WITH ELECTRICALLY CONDUCTIVE COATING

(51) International classification (31) Priority Document No	:H05B 3/86 :12150547.3	(71)Name of Applicant : 1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date(33) Name of priority country	:10/01/2012 :EPO	Address of Applicant :18 AVENUE D'ALSACE, 92400 COURBEVOIE, FRANCE
(86) International Application No	:PCT/EP2012/069566	(72)Name of Inventor :
Filing Date (87) International Publication No	:04/10/2012 :WO 2013/104438	1)SCHMITZ, CHRISTOPH 2)FISCHER, KLAUS
(61) Patent of Addition to Application Number	:NA :NA	3)JANZYK, SEBASTIAN 4)NEANDER, MARCUS
Filing Date (62) Divisional to Application Number	:NA	5)BILLERT, ULRICH 6)LUXEMBOURG, DAVID
Filing Date	:NA	

(57) Abstract :

The present invention relates to a transparent pane, comprising at least one transparent substrate (1) and at least one electrically conductive coating (2) on at least one surface of the transparent substrate (1), wherein the electrically conductive coating (2) has at least two functional layers (3) arranged one above the other and each functional layer (3) comprises at least 0 one layer of an optically highly refractive material (4) with a refractive index greater than or equal to 2.1, o above the layer of an optically highly refractive material (4), a smoothing layer (5), which contains at least one non-crystalline oxide, o above the smoothing layer (5), a first matching layer (6), o above the first matching layer (6), an electrically conductive layer (7), and o above the electrically conductive layer (7), a second matching layer (8),the total layer thickness of all the electrically conductive layers (7) is from 40 nm to 75 nm, and the electrically conductive coating (2) has a sheet resistance less than 1 ohm/square, and wherein the layer of an optically highly refractive material (4) contains at least one mixed silicon/metal nitride.



No. of Pages : 33 No. of Claims : 16

(21) Application No.1088/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS FOR PRODUCING HIGH MOLECULAR WEIGHT POLYETHYLENE

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:19/12/2011 :WO 2013/093540 :NA :NA :NA	 (71)Name of Applicant : TICONA GMBH Address of Applicant : AM UNISYS-PARK 1, D- 65843 SULZBACH, GERMANY (72)Name of Inventor : ROBERT,DOMINIQUE HUFEN,JULIA
Filing Date	:NA	

(57) Abstract :

In a process for producing polyethylene, ethylene is contacted under polymerization conditions with a slurry of a catalyst composition comprising a particulate support and a Group 4 metal complex of a phenolate ether ligand carried by the support and present in an amount so as to provide about 0.1 to about 35 uin.oT of Group 4 metal per gram of the support. The resultant polyethylene has a molecular weight of at least 3 x 105 g/mol as determined by ASTM 4020, an average particle size, d50, of less 300 microns, preferably about 100 to 250 microns, and a span, log10(d90/d10), of less than 0.4.

No. of Pages : 44 No. of Claims : 18

(21) Application No.132/CAL/1999 A

(19) INDIA

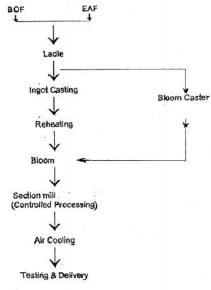
(22) Date of filing of Application :22/02/1999

(43) Publication Date : 27/06/2014

(54) Title of the invention : A PROCESS FOR PRODUCING FIRE RESISTANT STRUCTURAL STEEL (51) International classification :C22C38/54 (71)Name of Applicant : (31) Priority Document No :NA **1)BIMAL KUMAR PANIGRAHI** (32) Priority Date :NA Address of Applicant :QR. NO. B-30, SAIL SATELLITE (33) Name of priority country :NA TOWNSHIP, P.O:-DHURWA, RANCHI-834004. Bihar India (86) International Application No 2) STEEL AUTHORITY OF INDIA LIMITED :NA Filing Date (72)Name of Inventor : :NA (87) International Publication No 1)BIMAL KUMAR PANIGRAHI : NA 2)VIDYA SAGAR DWIVEDI (61) Patent of Addition to Application Number :NA Filing Date :NA **3)SUDHAKER JHA** (62) Divisional to Application Number :NA 4)VINOD KUMAR Filing Date :NA **5)BRAHM DEO TRIPATHI**

(57) Abstract :

A process for producing fire/heat resistant structural steel comprising the following steps in sequence : (a) preparing molten steel in BOF, TOHF and EAF from iron ore, spar, burnt dolo, sand, mill scale, steel scrap, aluminium and known ferro alloys in required quantities; (b) tapping the molten steel at $1630 \pm 20^{\circ}$ C in a preheated ladle and adding more known ferro alloys and aluminium in the ladle as required; (c) top pouring the molten steel to form ingots of 5-12 tonnes weight followed by soaking the ingots at 1300-1320°C for 3-5 hours and rolling the ingots into blooms or concasting the molten steel directly into blooms at a tundish temperature of 1540-1550°C and unbending point temperature of over 800°C; (d) soaking the blooms at 1250°C for a time of 1 minute per nm of bloom thickness; (e) finish rolling the blooms into structurals; and (f) cooling the structurals to ambient temperature in natural air; characterised in that (i) the chemical composition of the steel produced is (by weight %) % C-0.11 to 0.20, Mn-0,70 to 1.50, Si-0.20 to 0.50, S- 0.04, P- .0v04, Mo-0.20 to 0.26, Cr-0.20 to 0.55, Nb, V, Ti (total)-0.12 max and Fe-balanoe; and (ii) the blooms are finish rolled into structurals at 900-950°C.



No. of Pages : 10 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :20/12/2013

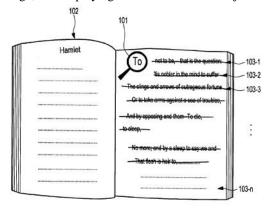
(21) Application No.1445/KOL/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : TEXT-ENLARGEMENT DISPLAY METHOD (51) International classification :G06F 3/00 (71)Name of Applicant : :10-2012-1)SAMSUNG ELECTRONICS CO., LTD. (31) Priority Document No 0151256 Address of Applicant :129, SAMSUNG-RO, YEONGTONG-(32) Priority Date :21/12/2012 GU, SUWON-SI, GYEONGGI-DO,443-742, REPUBLIC OF :Republic KOREA (33) Name of priority country of Korea (72)Name of Inventor : (86) International Application No :NA 1)WON-Gi LEE Filing Date :NA 2)SANG-HYUP LEE (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 controls display data in an electronic device, with the method including: receiving an input of a page image including at least one letter; obtaining at least one text object image by cutting an area that corresponds to the at least one letter from the page image; and displaying the at least one text object image in a selective manner in response to a user input.



No. of Pages : 88 No. of Claims : 15

(21) Application No.1175/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : DUAL MODALITY IMAGING SYSTEM FOR COREGISTERED FUNCTIONAL AND ANATOMICAL MAPPING

 classification (31) Priority Document No (32) Priority Date (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)SENO MEDICAL INSTRUMENTS,INC. Address of Applicant :5253 Prue Road,Suite 315, San Antonio,TX 78240 U.S.A. (72)Name of Inventor : 1)ORAEVSKY,Alexander 2)ERMILOV,Sergey 3)CONJUSTEAU,Andre 4)BRECHT,Peter 5)NADVORETSKIY,Vyacheslav 6)SU,Richard 7)HERZOG,Donald,G. 8)CLINGMAN,Bryan 9)ZALEV,Jason
Filing Date	:NA :NA	
(57) Abstract		

(57) Abstract :

A real-time imaging system that provides ultrasonic imaging and optoacoustic imaging coregistered through application of the same hand-held probe to generate and detect ultrasonic and optoacoustic signals. These signals are digitized, processed and used to reconstruct anatomical maps superimposed with maps of two functional parameters of blood hemoglobin index and blood oxygenation index. The blood hemoglobin index represents blood hemoglobin concentration changes in the areas of diagnostic interest relative to the background blood concentration. The blood oxygenation index represents blood oxygenation changes in the areas of diagnostic interest relative to the background level of blood oxygenation. These coregistered maps can be used to noninvasively differentiate malignant tumors from benign lumps and cysts.

No. of Pages : 65 No. of Claims : 50

(21) Application No.1176/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : HIGH PRESSURE SEAL VENT

(51) International classification	:F04C2/14,F04C27/00,F04C18/16	(71)Name of Applicant :
(31) Priority Document No	:13/287,673	1)TRANE INTERNATIONAL INC.
(32) Priority Date	:02/11/2011	Address of Applicant :1 Centennial Avenue, Piscataway,NJ
(33) Name of priority country	:U.S.A.	08854-3921 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/062930 :01/11/2012	2)BAKKESTUEN,ROBERT,S 3)JOHNSON,JAY,H (72)Name of Inventor :
(87) International Publication No	:WO 2013/067099	1)BAKKESTUEN,Robert,S. 2)JOHNSON,Jay,H.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A compressor for compressing refrigerant in a refrigerant circuit includes a housing defining a compression chamber. A screw rotor is mounted within the housing and configured to form a pocket of high pressure refrigerant and a pocket of low pressure refrigerant within the compression chamber. The screw rotor has a rotor shaft rotating about an axis. A bearing cavity includes at least one bearing rotatably supporting the rotor shaft. A partition through which the rotor shaft extends separates the bearing cavity from the compression chamber. A contacting seal is sealingly engaged with the rotor shaft and disposed in the bearing cavity proximate the partition. A passage has an opening adjacent the rotor shaft between the contacting seal and the compression chamber and in fluid communication with the pocket of low pressure refrigerant.

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

(21) Application No.1177/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(54) Title of the invention : DOMESTIC HOT WATER DISTRIBUTION DEVICE

(43) Publication Date : 27/06/2014

(51) International classification :F24D17/00 (71)Name of Applicant : (31) Priority Document No :1159899 **1)QUANTIA SAS** (32) Priority Date :02/11/2011 Address of Applicant :18, avenue Jules Ferry F-13100 Aix-en-(33) Name of priority country :France Provence FRANCE (86) International Application No :PCT/EP2012/071542 (72)Name of Inventor : Filing Date :31/10/2012 1)NUTI,Pascal (87) International Publication No :WO 2013/064528 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a domestic hot water distribution device including a feed water intake, a wastewater collector, and means (10, 20) for heating the feed water in order to produce domestic hot water using heat contained in wastewater, the heating means comprising thermoelectric modules (25) designed to transfer heat from the wastewater to the feed water to be heated, characterized in that the heating means (10, 20) include at least one first heat exchanger (10) designed to simultaneously carry out a first transfer of heat for the distribution of hot water and from the wastewater to the feed water, thereby resulting in a temperature difference that is lower than a predetermined difference, and in that the thermoelectric modules (25) are arranged downstream from the first heat exchanger in a second heat exchanger (20), which simultaneously carries out a second transfer of heat for the distribution of hot water.

No. of Pages : 13 No. of Claims : 11

(21) Application No.1453/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : HERBAL COMPOSITION AND MEDICAMENT TO INCREASE AND THEREBY IMPROVE MILK YIELD LIVESTOCK LIVESTOCK

4.001	
	(71)Name of Applicant :
	1)JALI PRAHALLAD
:NA	Address of Applicant : VIL. TAINSI, VIA VIL. ANTULIA
:NA	(ATHAMALIK). DISTRICT-ANTUL 759127, ORISSA India
:NA	(72)Name of Inventor :
:NA	1)JALI PRAHALLAD
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	1/29 :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

A herbal composition for increasing and thereby improving the milk yield of livestock; the said composition comprises a predefined amount of Paederia foetida, predefined amount of Syzygium cumini, predefined amount of Bauhinia variegate, predefined amount of Dendrocalamus strictus, predefined amount of Tamarindus indicus and predefined amount of Psidium guajava. The method for the preparation of said herbal composition is also disclosed herein. A feed supplement medicament comprising said herbal composition of the feed supplement medicament is also disclosed herein.

No. of Pages : 34 No. of Claims : 17

(21) Application No.1032/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014

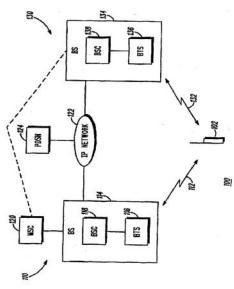
(43) Publication Date : 27/06/2014

(54) Title of the invention : METHOD AND SYSTEM FOR ACTIVE HANDOFF OF A HYBRID MOBILE STATION

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) PCT/US2005041974 (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (32) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) International Publication Number (32) International Publication Number (32) International	 (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/US2005041974 :21/11/2005 :WO2006057925 :NA :NA :NA	LIBERTYVILLE, IL 60048, U.S.A. (72)Name of Inventor : 1)RAMANNA, SHREESHA 2)NAIK, VIVIEK, G.
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(57) Abstract :

Methods and a systems for active handoff of a hybrid mobile station are disclosed. The communication system (100) provides for a handoff a hybrid mobile station (MS) (102) between a legacy network (110) implementing a non- high rate packet data (non-HRPD) communication technology and a network (130) implementing a high rate packet data (HRPD) communication technology. In one embodiment, the legacy network receives a handoff trigger and redirects the MS to the HRPD network. In other embodiments, the legacy network (or HRPD network) receives a handoff trigger, obtains an allocation of HRPD network (or non-HRPD network) resources from the HRPD network (or non-HRPD network), and informs the MS of the allocated HRPD network (or non-HRPD network) resources. Subsequent to the establishment by the HRPD network (or non-HRPD network) of a traffic channel with the MS, the non-HRPD network (or HRPD network) releases non-HRPD network (or HRPD network) RF resources associated with the MS.



No. of Pages : 49 No. of Claims : 12

(21) Application No.1147/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

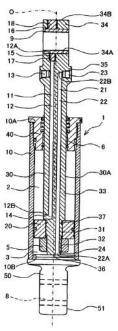
(43) Publication Date : 27/06/2014

(54) Title of the invention : FLUID PRESSURE CYLINDER AND MANUFACTURING METHOD THEREFOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F15B15/14 :2011-240133 :01/11/2011 :Japan	 (71)Name of Applicant : 1)KYB-YS CO., LTD. Address of Applicant :9165, Sakaki, Sakaki-machi, Hanishina- gun, Nagano 3890688 JAPAN
(86) International Application No Filing Date(87) International Publication No	1	(72)Name of Inventor :1)Nobuyuki KOBAYASHI2)Sadayuki KAMIKURA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

A hydraulic cylinder is provided with a cylinder tube, a piston, and a solid piston rod. The piston rod is provided with: a head-side passage defined by a head-side shaft hole which extends in the axial direction, a head-side hole which communicates with the outside and which is open at a portion protruding from the cylinder tube, and a head-side hole which communicates with the inside and which is open to a head-side chamber, the head-side passage connecting the head-side chamber and a hydraulic pressure source; and a bottom-side passage for connecting the bottom-side chamber and the hydraulic pressure source. The head-side shaft hole has an open end and a front end which is formed within the piston rod. The open end of the head-side shaft hole is sealed by a sealing means.



No. of Pages : 17 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :24/12/2012

(21) Application No.1450/KOL/2012 A

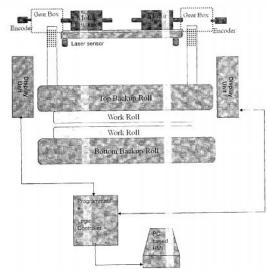
(43) Publication Date : 27/06/2014

(54) Title of the invention : A SYSTEM FOR POSITION MEASUREMENT OF THE SCREW DOWN MECHANISM IN TANDEM COLD ROLLING MILL

		(71)Name of Applicant :
(51) International classification	:B21B37/18	
(31) Priority Document No	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(32) Priority Date	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(33) Name of priority country	:NA	Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASAD ASHIT
(87) International Publication No	: NA	2)SINGH HRISHIKESH PRASAD
(61) Patent of Addition to Application Number	:NA	3)PARIDA SANJAY
Filing Date	:NA	4)SAMBANDHAM THIRUMALAI SELVAM
(62) Divisional to Application Number	:NA	5)THAKUR NAVIN CHANDRA
Filing Date	:NA	6)PRASAD RAJAN
		7)MOHANTY DEBENDRA NARAYAN

(57) Abstract :

The present invention relates to an improved position measurement system of screw down mechanism which is used to move up and down the backup roll in the stands of tandem mill. The system according to the present invention favour precise position measurement and display of screw down at the two ends of the backup roll so that balanced roll force can be applied on the ends of work roll through the backup roll, in a 4 hi tandem mill, for desired roll gap setting or intended control on shape/thickness of cold rolled products. The system thus enable maintaining the uniform roll gap in the stands so as to reduce the gauge variation, strip breakage and roll pinch in cold rolling mill.



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

(21) Application No.1451/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

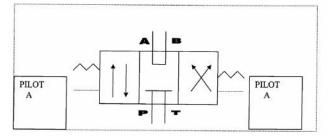
(43) Publication Date : 27/06/2014

(54) Title of the invention : A PILOT BASED DIRECTIONAL CONTROL VALVE FOR HYDRAULIC ACTUATORS IN TANDEM COLD ROLLING MILL

(51) International classification	·B21B37/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :BOKARO STEEL PLANT. BOKARO
(33) Name of priority country	:NA	STEEL CITY-827001. STATE OF JHARKHAND India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAKESH
(87) International Publication No	: NA	2)TRIPATHEE BIJENDRA NATH
(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 pilot based directional control valve in tandem mill. More particularly, the present invention is directed to providing modified pilot system with separate fixture cooperating with 3 position, 4 way directional control valve, double solenoid operated and spring centered along-with sub plate fitted with seals and mounting bolts, for cold rolling mill hydraulic actuators actuated by directional control valves. The modified pilot system for direction control valves for actuators in cold rolling mill favoured achieving desired product quality, productivity in cold rolling operation in cost effective and energy efficient manner.



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

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.1585/KOL/2011 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : SUBSTRATE BASED BIOFORMULATION FOR CONTROL OF BACTERIAL WILT OF BRINJAL AND ITS PREPARATION 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 	:A01H 5/08 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR. GARGI CHAKRAVARTY Address of Applicant :DR. GARGI CHAKRAVARTY 31 KHARGHULI NABAGRAHA ROAD UDAYGIRI GUWAHATI-781014 ASSAM INDIA 2)DR. M.C.KALITA (72)Name of Inventor : 1)DR. GARGI CHAKRAVARTY 2)DR. M.C.KALITA
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(57) Abstract :

The invention relates to Pseudomonas fluorescens based organic bioformulation for control of Bacterial wilt of Brinjal and process of preparation. The bioformulation containing effective amount of Pseudomonas fluorescens with 50 to 90% (v/w) (50 to 200 g) of organic substrate (substrate carrier) and 1 to 10% (v/w) (0.1 to 10 g) of adhesive substrate with 3% (v/w) mannitol (osmoticant) could effectively control the bacterial wilt of Brinjal. The process for preparation of Bioformulation for control of Bacterial wilt of Brinjal comprises: a) Preparation of 1 to 10% (v/w) (0.1 to 10 g) of adhesive solution; b) Mixing the adhesive solution with 50 to 90% (v/w) (100g) organic substrate; c) Sterilization of the adhesive and organic substrate mixture; d) Addition of 3% (v/w) mannitol; and e) Addition of P. fluorescens cell suspension to form the bioformulation.

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

(21) Application No.1033/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014

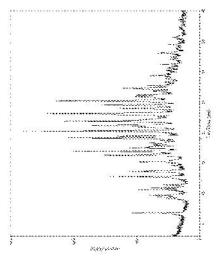
(43) Publication Date : 27/06/2014

(54) Title of the invention : POLYMORPHS OF ARRY-380, A SELECTIVE HERB2 INHIBITOR AND PHARMACEUTICAL COMPOSITIONS CONTIANING THEM

(51) International classification(31) Priority Document No(32) Priority Date	:C07D 471/04 :61/547,615 :14/10/2011	 (71)Name of Applicant : 1)ARRAY BIOPHARMA INC. Address of Applicant :3200 WALNUT STREET, BOULDER,
(33) Name of priority country	:U.S.A.	COLORADO 80301 U.S.A.
(86) International Application No	:PCT/US2012/060138	(72)Name of Inventor :
Filing Date	:12/10/2012	1)CORSON, DONALD T.
(87) International Publication No	:WO 2013/056183	2)LINDEMANN, CHRISTOPHER M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)WATSON, DANIEL J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Polymorphs of N4-(4-([1,2,4]triazolo[1,5-a]pyridin-7-yloxy)-3-methylphenyl)-N6-(4,4-dimethyl-4,5-dihydrooxazol-2-yl)quinazoline-4,6-diamine are provided herein. Processes for preparing the polymorphs and pharmaceutical composition comprising the polymorphs are also disclosed.



No. of Pages : 183 No. of Claims : 196

(21) Application No.1034/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : SOLID DISPERSIONS OF A ERB2 (HER2) 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 	:A61K 9/00,A61K 9/14 :61/547,620 :14/10/2011 :U.S.A. :PCT/US2012/060044 :12/10/2012 :WO 2013/056108 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ARRAY BIOPHARMA INC. Address of Applicant :3200 WALNUT STREET, BOULDER, COLORADO 80301 U.S.A. (72)Name of Inventor : 1)FRY, DAVID SHANK 2)LINDEMANN, CHRISTOPHER M. 3)PREIGH, MICHAEL 4)BLOOM, COREY JAY 5) CRAIG, CHRISTOPHER DONOVAN 6) DUBOSE, DEVON BREVARD 7) GAUTSCHI, JEFF 8) SMITHEY, DAN
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(57) Abstract :

A solid dispersion of N4-(4-([1, 2, 4]triazolo[1,5-a]pyridin-7-yloxy)-3-methylphenyl)-N6-(4,4-dimethyl-4,5-dihydrooxazol-2-yl)quinazoline-4,6-diamine and processes for preparing the solid dispersion are provided herein. Also, a pharmaceutical composition comprising a solid dispersion of N4-(4-([1,2,4]triazolo[1,5-]pyridin-7-yloxy)-3- methylphenyl)-N6-(4,4-dimethyl-4,5-dihydrooxazol-2-yl)quinazoline-4,6-diamine and uses thereof are provided herein.

No. of Pages : 53 No. of Claims : 59

(21) Application No.1149/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

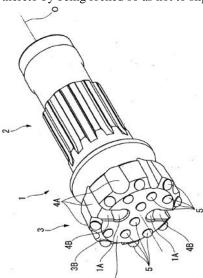
(43) Publication Date : 27/06/2014

(54) Title of the invention : EXCAVATION TOOL

(51) International classification	:E21B 10/46	(71)Name of Applicant :
(31) Priority Document No	:2011-262526	1)MITSUBISHI MATERIALS CORPORATION
(32) Priority Date	:30/11/2011	Address of Applicant :3-2, OTEMACHI 1-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 1008117 JAPAN
(86) International Application No	:PCT/JP2012/081049	(72)Name of Inventor :
Filing Date	:30/11/2012	1)HIWASA YONEO
(87) International Publication No	:WO 2013/081098	2)HISADA MASAYA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)NAKAMURA KAZUYOSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an excavation tool of the present invention, an embedding hole 8 is drilled in a distal end portion of a tool body 1 which is rotated about an axis line O and is moved forward to a distal end side in a direction of the axis line O. In the embedding hole 8, an excavation tip 5A in which an embedding portion 6 having an outer cylindrical shape is formed integrally with a cutting edge portion 7 inserts the embedding portion 6 into the embedding hole 8 and causes the cutting edge portion 7 to protrude from the embedding hole 8. In this manner, the excavation tip 5A is rotatable around a central axis C of the embedding portion 6 during excavation, and is attached thereto by being locked so as not to slip toward a distal end side of the embedding portion 6 in a direction of the central axis C.



No. of Pages : 72 No. of Claims : 10

(21) Application No.1457/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

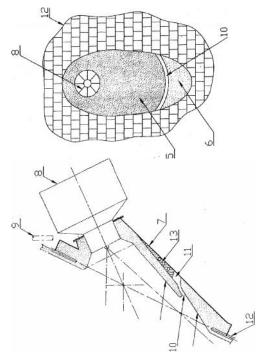
(43) Publication Date : 27/06/2014

(54) Title of the invention : AN IMPROVED REFRACTORY MOUTH FOR OIL BURNERS OF CFBC BOILERS

		(71)Name of Applicant :
		1)BHARAT HEAVY ELECTRICALS LIMITED
		Address of Applicant :REGIONAL OPERATIONS
(51) International classification	:F22B37/78	DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR,
(31) Priority Document No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
(32) Priority Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(33) Name of priority country	:NA	FORT, NEW DELHI-110049, INDIA West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THIRUMULU KALIRAMAKRISHNAN
(87) International Publication No	: NA	2)VADAKANCHERRY VENKATAESWARAN SUNDAR
(61) Patent of Addition to Application Number	:NA	3)PONNUSAMY RAJAN
Filing Date	:NA	4)KUNHIRAMANNAIR SIVARAMAKRISHAN
(62) Divisional to Application Number	:NA	5)HAMEED MOHAMED FAROOK BASHAH
Filing Date	:NA	6)KUPPUSAMY SAVARINATHAN BALACHANDRAN
		7)KANNAN PRASAD
		8)NARASIMHAN SUDARSSAN
		9)PARAMBATH GOPALAKRISHNAN NIKHIL SANKAR

(57) Abstract :

The invention relates to an improved refractory mouth for oil burner formed of refractory material for CFBC boiler, refractory mouth (5,6); a seal box (7) constructed to act as an air chamber (11) as well as a supporting means for the refractory mouth (5,6), the improvement is characterized in that the refractory mouth (5,6) is segmented into an upper refractory mouth (5) and a lower refractory mouth (6) each made up of refractory materials, in that a cold air connection (9) from the cold air source line of the CFBC boiler is extended to terminate into the air chamber (11), and in that air nozzle (10) is formed between the upper and lower refractory mouth (5,6) to force a cold air flow over the surface of the lower refractory mouth (6) at the bottom to eliminate clinker formation including reducing the surface temperature of the refractory materials.



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

The Patent Office Journal 27/06/2014

(21) Application No.1057/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUTO-INJECTOR

	:A61M 5/20, A61M	(71)Name of Applicant
(51) International classification	5/28	(71)Name of Applicant : 1)SANOFI
(31) Priority Document No	:11186232.2	Address of Applicant :54, RUE LA BOÉTIE F-75008 PARIS
(32) Priority Date	:21/10/2011	FRANCE
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/070113	1)BRERETON, SIMON FRANCIS
Filing Date	:11/10/2012	2)KEMP, THOMAS
(87) International Publication No	:WO 2013/057033	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described is an injection device (1) for administering a dose of a medicament (M) comprising a carrier (7) adapted to contain a syringe (3) having a hollow injection needle (4) and a stopper (6), a drive spring (8), a plunger (9) adapted to forward load of the drive spring (8) to the stopper, and a noise component (28) adapted to generate an audible and/or tactile feedback by impacting a component of the injection device (1) when the stopper (4) is located at a proximal end of the syringe (3). In a first state, a resilient arm (30) on the plunger (9) is maintained in engagement with the noise component (28) by the carrier (7). In a second state, the arm (30) disengages the noise component (28) and deflects at least partially into an aperture (7.22) in the carrier (7).

No. of Pages : 70 No. of Claims : 7

(21) Application No.1058/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUTOINJECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M 5/20, A61M 5/32 :11186229.8 :21/10/2011 :EPO :PCT/EP2012/070110 :11/10/2012	2)NZIKE, PHILIPPE(DECEASED)
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2013/057031 :NA :NA	3)ROTH, AXEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Described is an autoinjector (1) comprising a spring holder (19), a guide cylinder (15) releasably coupled to the spring holder (19), a drive assembly (17) releasably coupled to the spring holder (19), a drive spring (16) adapted to apply a force on the drive assembly (17), and a penetration spring (20) adapted to apply a force on the guide cylinder (15). The guide cylinder (15) is adapted to accommodate a syringe (2) having a plunger. The drive assembly (17) is coupled to the guide cylinder (15) and adapted to engage the plunger.

No. of Pages : 36 No. of Claims : 16

(21) Application No.1059/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : AUTO-INJECTOR

(51) International classification	:A61M 5/20, A61M 5/32	(71)Name of Applicant : 1)SANOFI
(31) Priority Document No	:11186233.0	Address of Applicant :54, RUE LA BOÉTIE F-75008 PARIS
(32) Priority Date	:21/10/2011	FRANCE
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/070114	1)BRERETON, SIMON FRANCIS
Filing Date	:11/10/2012	2)KEMP, THOMAS
(87) International Publication No	:WO 2013/057034	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described is an injection device for administering a dose of a medicament comprising a case having a proximal end and a distal end, a carrier adapted to accommodate a syringe, and a trigger button. In a first state, the trigger button is coupled to the case and/or the carrier and abuts the distal end of the case. In an intermediate state, the case moves proximally relative to the carrier and the trigger button, and the trigger button engages the carrier. In a second state, the trigger button and the carrier move proximally relative to the case, and the trigger button disengages the carrier and engages the case.

No. of Pages : 69 No. of Claims : 9

(21) Application No.1108/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : ULTRAVIOLET RAY RADIATION APPARATUS AND METHOD FOR CURING PHOTO-CURABLE COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H05B 33/02 :2011-235042 :26/10/2011 :Japan :PCT/IP2012/006770	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4-28, Mita 1-chome, Minato-ku, Tokyo, 1088333 JAPAN (72)Name of Inventor :
 (60) International Application Pro Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:23/10/2012 :WO 2013/061573 :NA :NA :NA :NA	1)SATO, SHOHTA 2)SUGIMURA, KEIGO

(57) Abstract :

The invention is directed to an ultraviolet ray irradiation apparatus, which includes an ultraviolet ray-emitting portion configured to irradiate ultraviolet lay in a single direction; and a light-collecting reflector disposed apart from the ultraviolet ray-emitting portion, and opposed to the ultraviolet ray-emitting portion. The light-collecting reflector can reflect ultraviolet lay emitted from the ultraviolet ray-emitting portion to direct the ultraviolet lay reflected from the light-collecting reflector to a location or space between the ultraviolet ray-emitting portion and the light-collecting reflector.

No. of Pages : 14 No. of Claims : 5

(21) Application No.1109/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : IMPLANTABLE DRUG DELIVERY COMPOSITIONS AND METHODS OF TREATMENT 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 	:A61K 9/20,A61K 9/00 :61/550,653 :24/10/2011 :U.S.A. :PCT/US2012/061701 :24/10/2012 :WO 2013/063125 :NA :NA	2)BOSE, SAGARIKA 3)QUANDT, HARRY 4)KUZMA, PETR 5)CAIZZA, RICHARD
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	6)BAI, STEPHEN 7)KIRBY, MARK, TODDMAN 8)TZANIS, EVANGELOS, LOUCAS

(57) Abstract :

A method of treatment, such as treating an estrogen-related disorder or a psychotic disorder, by implanting a reservoir-based drug delivery composition into a subject to systemically deliver a therapeutically effective amount of an active pharmaceutical ingredient (such as an aromatase inhibitor or risperidone) to the subject for a long period of time (e.g., one month or one year). The drug delivery composition may include a rate-controlling excipient (e.g., an elastomeric polymer) defining a reservoir containing at least one discrete solid dosage form (e.g., one or more pellets), which includes an active pharmaceutical ingredient and optionally, a sorption enhancer.

No. of Pages : 175 No. of Claims : 116

(21) Application No.1165/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

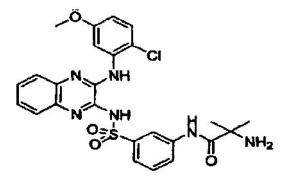
(43) Publication Date : 27/06/2014

(54) Title of the invention : N- (3- {[2-CHLORO-5- (METHOXY) PHENYL] AMINO} QUINOXALIN- 2 - YL) AMINO] SULFONYL} PHE NYL) - 2 - METHYLALANINAMIDE AS PHOSPHATIDYLINOSITOL 3 - KINASE INHIBITOR FOR THE TREATMENT OF LYMPHOPROLIFERATIVE MALIGNANCIES

(51) International classification	:A61K 31/498	(71)Name of Applicant :
(31) Priority Document No	:61/553,990	1)EXELIXIS, INC.
(32) Priority Date	:01/11/2011	Address of Applicant :210 EAST GRAND AVE., SOUTH
(33) Name of priority country	:U.S.A.	SAN FRANCISCO, CA 94080 U.S.A.
(86) International Application No	:PCT/US2012/062999	2)SANOFI
Filing Date	:01/11/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/067141	1)DECILLIS, ARTHUR
(61) Patent of Addition to Application	:NA	2)LAGER, JOANNE
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods are provided for treating a lymphoproliferative malignancy to a patient in need of such treatment, comprising administering to the patient an effective amount of compoud A as described herein.



No. of Pages : 49 No. of Claims : 8

(21) Application No.1138/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

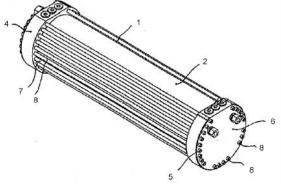
(43) Publication Date : 27/06/2014

(54) Title of the invention : SHELL AND TUBE HEAT EXCHANGER WITH IMPROVED ANTI-FOULING 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 	:F28D7/16,F28F19/02 :1151125-0 :28/11/2011 :Sweden :PCT/SE2012/051309 :28/11/2012 :WO 2013/081536	 (71)Name of Applicant : 1)ALFA LAVAL CORPORATE AB Address of Applicant :P.O. Box 73, S- 22100 Lund, SWEDEN (72)Name of Inventor : 1)SVENSSON, Tobias
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A shell and tube heat exchanger (1) comprising a shell (2) having an inlet end- cap (3) attached to a first end (4) of the shell (2), wherein an outlet end-cap (5) is attached to a second end (6) of the shell (2) and a tube bundle (7) being housed within the shell (2), said tube bundle (7) including a plurality of parallel-spaced tubes (8) that traverse the interior of shell (2) from a first end to a second end of the tube bundle, and wherein a plurality of baffles (11) are arranged within the shell (2) supporting the parallel-spaced tubes (8) of the tube bundle (7). At least a part of the shell and tube heat exchanger is provided with a coating comprising silicon oxide, SiOx.



No. of Pages : 15 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :08/04/2013

(21) Application No.395/KOL/2013 A

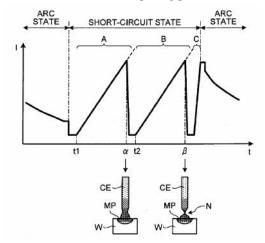
(43) Publication Date : 27/06/2014

(54) Title of the invention : POWER SUPPLY DEVICE FOR ARC WELDING, ARC WELDING SYSTEM, AND CONTROL METHOD OF POWER SUPPLY DEVICE FOR ARC WELDING

(51) International classification	·P22K 0/00	(71)Name of Applicant :
(51) International classification		
(31) Priority Document No	:2012-	1)KABUSHIKI KAISHA YASKAWA DENKI
	278698	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(32) Priority Date	:20/12/2012	YAHATANISHI-KU,KITAKYUSHU-SHI, FUKUOKA 806-
(33) Name of priority country	:Japan	0004 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MURAKAMI, MASAFUMI
(87) International Publication No	: NA	2)HIRAYAMA, TAKAHIDE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power supply device for arc welding according to an embodiment includes a constrained short-circuit opening unit and a reexecuting unit. The constrained short-circuit opening unit reduces, when a change amount of a welding voltage becomes not less than a predetermined threshold while raising a welding current between a consumable electrode and a workpiece, the welding current for a predetermined time interval to execute a constrained short-circuit opening process for opening the short-circuit state. The reexecuting unit makes the constrained short-circuit opening unit reexecute the constrained short-circuit opening process after the constrained short-circuit opening process is executed.



No. of Pages : 47 No. of Claims : 6

(21) Application No.1382/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/06/2014

(71)Name of Applicant : :C08L (51) International classification 77/00 **1)EMS-PATENT AG** :12 198 Address of Applicant : VIA INNOVATIVA 1 7013 (31) Priority Document No 915.6 DOMAT/EMS SWITZERLAND (32) Priority Date :21/12/2012 (72)Name of Inventor : (33) Name of priority country :EPO **1)AEPLI ETIENNE** (86) International Application No 2)PFLEGHAR MARK :NA Filing Date :NA 3)HOFFMANN,BOTHO (87) International Publication No : NA **4)HOFF HEINZ** (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 : STAIN-RESISTANT ARTICLE AND USE THEREOF.

(57) Abstract :

What is described is the use of a polyamide moulding composition for the production of a stain-resistant article, the staining tendency(ST) of the article being at least 2. Here, the composition contains 30-100 % by weight of a polyamide or a polyamide mixture, consisting of 50-100 % by weight of at least one amorphous and/or microcrystalline polyamide having a glass transition temperature of at least 100 °C, based on: 20-100 mol % of at least one cycloaliphatic diamine; and 0-80 mol % of at least one other aliphatic and/or aromatic diamine; and also aromatic and/or aliphatic dicarboxylic acids comprising at least 6 carbon atoms, and 0-50 % by weight of at least one semi-aromatic polyamide. In addition the moulding composition comprises 0.01-20 % by weight of one or several inorganic white pigments. Further 0-70 % by weight of fibrous fillers (B1) and/or particulate fillers (B2), 0-30 % by weight of impact toughness modifier and/or polymers different from (A), 0-25 % by weight of a flame retardant, and 0-3 % by weight of additives may also be contained.

No. of Pages : 44 No. of Claims : 16

(21) Application No.1383/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :09/12/2013

(43) Publication Date : 27/06/2014

(71)Name of Applicant : :C08L (51) International classification 77/00 **1)EMS-PATENT AG** :12 198 Address of Applicant : VIA INNOVATIVA 1 7013 (31) Priority Document No 910.7 DOMAT/EMS SWITZERLAND (32) Priority Date :21/12/2012 (72)Name of Inventor : (33) Name of priority country :EPO **1)PFLEGHAR MARK** (86) International Application No **2)AEPLI ETIENNE** :NA Filing Date :NA **3)HOFF HEINZ** (87) International Publication No : NA 4)HOFFMANN,BOTHO (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 : STAIN-RESISTANT ARTICLE AND USE THEREOF.

(57) Abstract :

What is described is the use of a polyamide moulding composition for the production of a stain-resistant article, the staining tendency (ST) of the article being at most 15. Here, the composition contains 30-100 % by weight of a polyamide mixture, consisting of more than 50 and up to 98 % by weight of at least one semi-aromatic polyamide comprising 2 to up to 50 % by weight of amorphous and/or microcrystalline polyamides having a glass transition temperature of at least 100 °C, based on: 20-100 mol % of at least one cycloaliphatic diamine; and 0-80 mol % of at least one other aliphatic and/or aromatic diamine; and also aromatic and/or aliphatic dicarboxylic acids comprising at least 6 carbon atoms. In addition, the composition comprises 0.01-20% by weight of at least one or several inorganic white pigments. Further 0-70 % by weight of fibrous additives (B1) and/or particulate additives (B2), 0-30 % by weight of additives may also be contained.

No. of Pages : 39 No. of Claims : 16

(21) Application No.434/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 27/06/2014

(71)Name of Applicant : :C08L (51) International classification 77/00 **1)EMS-PATENT AG** :12 198 Address of Applicant : VIA INNOVATIVA 1 7013 (31) Priority Document No 915.6 DOMAT/EMS SWITZERLAND (32) Priority Date :21/12/2012 (72)Name of Inventor : (33) Name of priority country :EPO **1)AEPLI ETIENNE** (86) International Application No 2)PFLEGHAR MARK :NA Filing Date :NA **3)HOFFMANN, BOTHO** (87) International Publication No : NA **4)HOFF HEINZ** (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 : STAIN-RESISTANT ARTICLE AND USE THEREOF

(57) Abstract :

What is described is the use of a polyamide moulding composition for the production of a stain-resistant article, the staining tendency(ST) of the article being at least 2. Here, the composition contains 30-100 % by weight of a polyamide or a polyamide mixture, consisting of 50-100 % by weight of at least one amorphous and/or microcrystalline polyamide having a glass transition temperature of at least 100 °C, based on: 20-100 mol % of at least one cycloaliphatic diamine; and 0-80 mol % of at least one other aliphatic and/or aromatic diamine; and also aromatic and/or aliphatic dicarboxylic acids comprising at least 6 carbon atoms, and 0-50 % by weight of at least one semi-aromatic polyamide. In addition, 0-70 % by weight of fibrous fillers (B1) and/or particulate fillers (B2), 0-30 % by weight of impact toughness modifier and/or polymers different from (A), 0-25 % by weight of a flame retardant, and 0-3 % by weight of additives may also be contained.

No. of Pages : 41 No. of Claims : 16

(21) Application No.1162/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : POLYMERIC PANEL HAVING AN ELECTRICALLY CONDUCTIVE STRUCTURE

 (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)SAINT-GOBAIN GLASS FRANCE Address of Applicant :18 AVENUE D'ALSACE, 92400 COURBEVOIE, FRANCE (72)Name of Inventor : 1)LESMEISTER LOTHAR
(86) International Application No Filing Date(87) International Publication No	:PC1/EP2012/0/1691 :02/11/2012 :WO 2013/091964	 (72)Name of Inventor : 1)LESMEISTER, LOTHAR 2)SCHLARB, ANDREAS
(61) Patent of Addition to Application Number	:WO 2013/091964 :NA :NA	2)SCHLARB, ANDREAS
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a polymeric panel (I) having an electrically conductive structure, comprising at least: - a polymeric substrate (1) with at least one conductor track (2) on a surface (12) of the polymeric substrate (1), - at least one electrically conductive, elastic contacting rail (3), which is electrically connected to a part of the conductor track (2) arranged between the polymeric substrate (1) and the contacting rail (3), and - at least one fastening element (4), by means of which the contacting rail (3) is clamped onto the surface (12) of the polymeric substrate (1), wherein the fastening element (4) is formed in one piece with the polymeric substrate (1).

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

(21) Application No.1151/KOLNP/2014 A

(19) INDIA

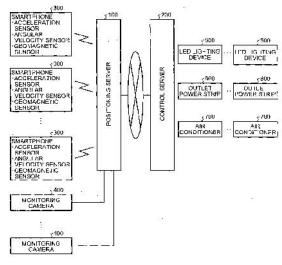
(22) Date of filing of Application :28/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : DEVICE CONTROL SYSTEM, DEVICE CONTROL METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

(57) Abstract :

A device control system includes a positioning apparatus (100) and a control apparatus (200) connected to the positioning apparatus (100) through a network. The positioning apparatus (100) includes a receiver configured to receive detection data from an acceleration sensor, an angular velocity sensor, and a geomagnetic sensor that are carried by a person; a position identifying unit configured to detect an action of the person in a control target area based on the detection data; an action-state detecting unit configured to detect an action state of the person based on the detection data; and a transmitter configured to transmit the identified position and the detected action state to the control apparatus (200). The control apparatus (200) includes a device control unit configured to control a device arranged in the control target area based on the position and the action state of the person.



No. of Pages : 65 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :24/12/2012

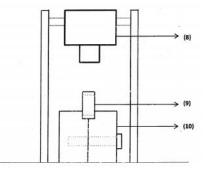
(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD OF DETERMINING ENERGY ABSORBED QUANTITY DURING IMPACT TESTING OF WELDED TUBULAR SPECIMEN

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:G01N29/04 :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, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA (72)Name of Inventor : 1)DR. NARASIMHAN RAJU 2)VENKATARAMAN SUDHARSANAM 3)RENGANATHAN VETRISELVAN 4)GANESAN RAVICHANDRAN 5)RAMAKRISHNAN EASWARAN 6)ANNASAMY SAMPATH
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(57) Abstract :

A method of determining energy absorbed quantity during impact testing of welded tubular specimen, comprising the steps of providing a known drop weight testing machine having a measuring scale, a frame structure and a falling weight; constructing and placing a holding means having a base plate and at least one each fixed and movable side support block; preparing a plurality of welded tubular specimen formed of identical material with similar geometry; placing a single specimen into a gap between side support blocks of the holding means and clamping the specimens; locating the holding means fitted with the specimen on the drop weight machine and allowing the falling weight to fall on the specimen from a height causing a elliptical deformation of the specimen by the impact energy; calculating the impact energy delivered by the falling weight based on the deformation of the specimen and generating a calibration curve with deformation values vs impact energy; placing a specimen of identical material and geometry beneath an actuated ram during a physical testing and delivering the impact on the specimen by actuation of the ram; and measuring the deformation of the specimen along major and minor axes and interpolating the measured values based on the generated calibration curve to determine the impact energy delivered by the ram.



No. of Pages : 15 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :24/12/2012

(21) Application No.1459/KOL/2012 A

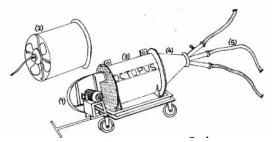
(43) Publication Date : 27/06/2014

(54) Title of the invention : AN IMOROVED INDUSTRIAL MOULDE PREHEATING SYSTEM FOR FOUNDRY APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B22D 7/02 :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, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(86) International Application No Filing Date (87) International Publication No	:NA :NA : NA	FORT, NEW DELHI-110049, INDIA (72) Name of Inventor :
 (67) International Fublication F(6) (61) Patent of Addition to Application Number (62) Divisional to Application Number 	:NA :NA :NA	1)ARANI NAGA SUDHAKAR 2)MOHAMMED ABDUR RAOOF 3)VADAKATTU VENKATESWARLU
Filing Date	:NA :NA	5)VADAKATTU VENKATESWAKLU

(57) Abstract :

The invention relates to an improved mould pre-heating system for foundry applications, comprising a heating chamber having internal refractory lining; a plurality of grooved ceramic pads disposed along the internal walls of the chamber; a plurality of heating elements each releasably fitted on each of said grooved ceramic pads; a multiple outlet hood flanged on a front side of the chamber with a multiple nozzle attache to a metallic hose; and a dual acting connecting means to allow heating of the mould cavity by one of induced fan assembly and blower with impeller mechanism.



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

(21) Application No.1178/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : AMINOPYRIMIDINE KINASE INHIBITORS

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D417/06,A61K31/506,A61P35/00 :61/555,617 :04/11/2011 :U.S.A. :PCT/US2012/061597 :24/10/2012	 (71)Name of Applicant : 1)JASCO PHARMACEUTICALS,LLC Address of Applicant :10-N Roessler Road, Woburn,MA 01801 U.S.A. (72)Name of Inventor : 1)BALDINO,Carmen,M. 2)CASERTA,Justin,L. 3)LEE,Chee-seng 4)DUMAS,Stephane,A.
(87) International Publication No	:WO 2013/066684	5)FLANDERS,Yvonne,L.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are aminopyrimidine compounds pharmaceutical compositions containing those compounds and uses of the compounds and compositions as modulators of CK 1 CKIyl CKIy2 CKIy3 CK2 Pim 1 Pim2 Pim3 the TGF pathway the Wnt pathway the JAK/STAT pathway the AKT pathway and/or the mTOR pathway. Uses arc also disclosed for the treatment or prevention of a range of therapeutic indications due at least in part to aberrant physiological activity of CK1 CKIyl CKIy2 CKIy3 CK2 Pim 1 Pim2 Pim3 the TGF pathway the Wnt pathway the JAK/STAT pathway the AKT pathway the Wnt pathway the JAK/STAT pathway the AKT pathway the Mnt pathway the JAK/STAT pathway the AKT pathway the Mnt pathway the JAK/STAT pathway the AKT pathway and/or the mTOR pathway.

No. of Pages : 169 No. of Claims : 139

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.1436/KOL/2012 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : PROCESS AUTOMATION SYSTEM AND COMMISSIONING METHOD FOR A FIELD DEVICE IN A PROCESS AUTOMATION SYSTEM

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB AG
(32) Priority Date	:NA	Address of Applicant : KALLSTADTER STR. 1, 68309
(33) Name of priority country	:NA	MANNHEIM, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIRK SCHULZ
(87) International Publication No	: NA	2)MARKUS RUPPERT
(61) Patent of Addition to Application Number	:NA	3)APALA RAY
Filing Date	:NA	4)MALLIKARJUN KANDE
(62) Divisional to Application Number	:NA	5)RAVISH KUMAR
Filing Date	:NA	

(57) Abstract :

The invention relates to a commissioning method for a field device in a process automation system and a process automation system comprising at least one field device, a device management system, a wireless communication network and at least one data processing unit, wherein the device management system provides a functionality to perform and execute the handling and managing, in particular the synchronization, of security credentials and other device parameters for fieldbuses and/or field devices, wherein a mobile handheld device is provided to support a syn-chronization of said security credentials between the management device system and the at least one field device, wherein a first interface, wired or wireless, in particular USB, WiFi, Bluetooth or the like, is provided to connect the mobile handheld device to and/or to exchange data with the security management system and/or control system to perform and execute at least the synchronization of security credentials, and wherein a second interface, wired or wireless, in particular FSK, WirelessHART, RFID, or the like, is provided to connect the mobile handheld device to and/or input device, in particular a touch-screen with a keyboard and display functionality, is provided to display status information on credentials synchronization with field devices in the field and/or to alert a respective user about problem conditions and/or to prompt them for decisions in case of existing or arising problem conditions, and at least one data storage is provided as part of the security management system with stored security credentials, wherein the credentials are stored in an accessible and downloadable manner.

No. of Pages : 40 No. of Claims : 14

(21) Application No.1438/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 27/06/2014

(54) Title of the invention : COMMISSIONING SYSTEM AND METHOD FOR A SECURE EXCHANGE OF SENSITIVE INFORMATION FOR THE COMMISSIONING AND CONFIGURING OF TECHNICAL EQUIPMENT

(51) International classification	:H04Q 1/16	(71)Name of Applicant : 1)ABB AG
(31) Priority Document No	:NA	Address of Applicant :KALLSTADTER STR. 1, 68309
(32) Priority Date	:NA	MANNHEIM, GERMANY
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DIRK SCHULZ
Filing Date	:NA	2)RAVISH KUMAR
(87) International Publication No	: NA	3)THOMAS RUSCHIVAL
(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 commissioning system and a method for a secure ex-change of sensitive information of technical equipment, in particular field devices, comprising at least two components and/or devices, in particular field devices, communicating wirelessly, thereby using communication means to secure the wireless communication without the need to use higher protocol layers, like in particular authentication or encryption functionalities, wherein the communication means provide and ensure near-range communication, in particular by restricting communication signals to a secure area and determining if a device is within a certain area and allow communication if it is or refuse to communicate if it is not within said area.

No. of Pages : 27 No. of Claims : 29

(21) Application No.1432/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC ALLOCATION OF MOBILE RESOURCES TO TASKS

(51) International classification(31) Priority Document No(32) Priority Date	:G06Q 10/00 :12198470.2 :20/12/2012 :EUROPEAN	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44, 8050 Zurich, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)Carsten Franke
Filing Date	:NA	2)Liro Harjunkoski
(87) International Publication No	: NA	3)Sleman Saliba
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for automatic allocation of mobile resources to tasks comprises at least one database (3) which is arranged to storefor each mobile resource (5) at least one corresponding skill(6)and equipment(7) as well as street-level data (9) defining roads between a current location of the mobile resources and the distant locations of the tasks (8),anddynamic data (11)which have a potential impact on the performing of the tasks (8). A first data processing unit (1) is arranged to perform the allocating of the mobile resources (5)to the tasks (8) by allocating the skills (6) to the tasks (8) and to the equipment (7) and to generate for at least one of the mobile resources (5) an individual schedule (10a, 10b, 10c) including a street-by-street route along the roads to the respectively allocated tasks (8). A second data processing unit (2) is provided which is arranged to continuously pre-process the dynamic data (11) in order to determine which of the street-level data (9), the mobile resources (5) and the tasks (8) are affected by the dynamic data (11) and to what extent, and to amend the affected data (5, 8, 9) accordingly.

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

(21) Application No.1041/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014

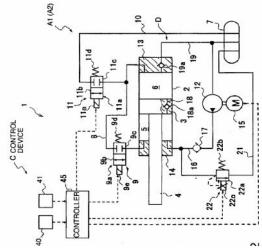
(54) Title of the invention : RAILWAY VEHICLE VIBRATION DAMPING DEVICE

(43) Publication Date : 27/06/2014

(51) International classification :B61F 5/00 (71)Name of Applicant : (31) Priority Document No :2012-056849 1)KAYABA INDUSTRY CO., LTD. (32) Priority Date :14/03/2012 Address of Applicant :WORLD TRADE CENTER BLDG., 4-1, HAMAMATSU-CHO 2-CHOME, MINATO-KU, TOKYO (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/056948 105-6111, JAPAN Filing Date :13/03/2013 (72)Name of Inventor : (87) International Publication No :WO 2013/137296 1)TAKAYUKI OGAWA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A railway vehicle vibration damping device having at least two vibration suppression force generating sources interposed between a bogie and a vehicle body of a railway vehicle extracts from a transverse direction velocity of the vehicle body a frequency component at or above a frequency of a centrifugal acceleration of the vehicle body, and calculates a high frequency vibration suppression force on the basis thereof. When the railway vehicle travels in a curve section, at least a part of the vibration suppression force generating sources is caused to output the high frequency vibration suppression force, and the remaining vibration suppression force generating sources are caused to function as passive dampers. As a result, passenger comfort in the railway vehicle during travel in a curve section is improved.



No. of Pages : 33 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 27/06/2014

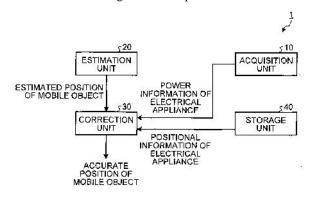
(21) Application No.1215/KOLNP/2014 A

(54) Title of the invention : POSITIONING APPARATUS, COMPUTER PROGRAM, AND APPLIANCE CONTROL SYSTEM

(51) International classification	:G01C 21/00	(71)Name of Applicant :
(31) Priority Document No	:2012-174388	1)RICOH COMPANY, LIMITED
(32) Priority Date	:06/08/2012	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO 1438555 JAPAN
(86) International Application No	:PCT/JP2013/071748	(72)Name of Inventor :
Filing Date	:06/08/2013	1)TSUKAMOTO,TAKEO
(87) International Publication No	:WO 2014/025053	2)YUZURIHARA, HAJIME
(61) Patent of Addition to Application	:NA	3)INADOME, TAKANORI
Number	:NA	4)ARATANI, HIDEAKI
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A positioning apparatus for measuring a position of a mobile object in a target area, the positioning apparatus includes: an estimation unit configured to estimate a first position, the first position being a relative to a reference position of the mobile object; an acquisition unit configured to acquire power information of an electrical appliance provided in the target area; and a correction unit configured to correct the first position for a second position on the basis of the power information of the electrical appliance and positional information indicating the second position of the electrical appliance.



No. of Pages : 84 No. of Claims : 13

(21) Application No.1461/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

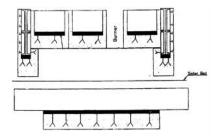
(43) Publication Date : 27/06/2014

(54) Title of the invention : MODIFIED MODULAR DESIGN FOR REPLACEABLE ROOF OF SINTERING FURNACES IN STEEL PLANTS FOR CURTAIN FLAME IGNITION TECHNOLOGY.

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:F27B 3/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :RESEARCH & DEVLOPMENT CENTRE FOR IRON & STEEL, P.O.:DORANDA, RANCHI- 834002 STATE OF JHARKHAND, INDIA. (72)Name of Inventor : 1)PURIMETLA CHINTAIAH 2)BHATTACHARYA ANUP KUMAR 3)BANERJEE PARTHA 4)THODIMI SREENIVASA REDDY 5)PRASAD JAGDISH
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(57) Abstract :

The present invention discloses modified roof of sintering furnaces in steel plants for curtain flame ignition technology including an arrangement of burners and support system which is light in weight requires lower maintenance, economize fuel gas consumption and protect the ignition hood from overheating and damage.



No. of Pages : 11 No. of Claims : 8

(21) Application No.1097/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 27/06/2014

(54) Title of the invention : TRANSPARENT PANE WITH ELECTRICALLY CONDUCTIVE COATING

	1105D 2/06	
(51) International classification	:H05B 3/86	(71)Name of Applicant :
(31) Priority Document No	:12150546.5	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:10/01/2012	Address of Applicant :18 AVENUE D'ALSACE, 92400
(33) Name of priority country	:EPO	COURBEVOIE, FRANCE
(86) International Application No	:PCT/EP2012/069567	(72)Name of Inventor :
Filing Date	:04/10/2012	1)FISCHER, KLAUS
(87) International Publication No	:WO 2013/104439	2)JANZYK, SEBASTIAN
(61) Patent of Addition to Application	:NA	3)MOREAU, VIRGINIE
Number	:NA :NA	4)NEANDER, MARCUS
Filing Date	.INA	5)SCHMITZ, CHRISTOPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a transparent pane, comprising at least one transparent substrate (1) and at least one electrically conductive coating (2) on at least one surface of the transparent substrate (1), wherein the electrically conductive coating (2) has at least two functional layers (3) arranged one above another, and each functional layer (3) comprises at least o one anti-reflection layer (4), o above the anti-reflection layer (4), a first matching layer (6), and o above the first matching layer (6), an electrically conductive layer (7), and at least one anti-reflection layer (4) arranged between two electrically conductive layers (7) comprises at least o one layer of a dielectric material (9) with a refractive index less than 2.1, and o one layer of an optically highly refractive material (10) with a refractive index greater than or equal to 2.1.

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

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.1214/KOLNP/2014 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : A METHOD FOR PRODUCING AN ANTENNA ELEMENT OF AN RFID TRANSPONDER

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:G06K 19/077 :61/568,896 :09/12/2011 :U.S.A. :PCT/EP2012/073940 :29/11/2012 :WO 2013/083470 :NA :NA :NA	 (71)Name of Applicant : 1)SMARTRAC IP B.V. Address of Applicant :STRAWINSKYLAAN 851, NL-1077 XX AMSTERDAM NETHERLANDS (72)Name of Inventor : 1)VIRTANEN, JUHANI
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(57) Abstract :

A method for producing a radio frequency identification transponder (100) comprises: - forming a first groove (C1) in a conductive sheet (70) such that a portion (OR1) of said conductive sheet (70) surrounds the first groove (C1), - attaching an RFID chip (50) to the conductive sheet (70) after the first groove (C1) has been formed such that the first groove (C1) is located between a first connecting element (52a) of the chip (50) and a second connecting element (52b) of the chip (50), and - forming a second groove (C2) in the conductive sheet (70) after the chip (50) has been attached so as to form an antenna element (10a) of said transponder (100).

No. of Pages : 73 No. of Claims : 20

(21) Application No.472/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 27/06/2014

:C08L (71)Name of Applicant : (51) International classification 77/00 **1)EMS-PATENT AG** :12 198 Address of Applicant : VIA INNOVATIVA 1 7013 (31) Priority Document No 910.7 DOMAT/EMS SWITZERLAND (32) Priority Date :21/12/2012 (72)Name of Inventor : (33) Name of priority country :EPO **1)PFLEGHAR MARK** (86) International Application No **2)AEPLI ETIENNE** :NA Filing Date :NA **3)HOFF HEINZ** (87) International Publication No : NA **4)HOFFMANN BOTHO** (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 : STAIN-RESISTANT ARTICLE AND USE THEREOF.

(57) Abstract :

What is described is the use of a polyamide moulding composition for the production of a stain-resistant article, the staining tendency(ST) of the article being at most 15. Here, the composition contains 30-100 % by weight of a polyamide mixture, consisting of more than 50 and up to 98 % by weight of at least one semi-aromatic polyamide comprising 2 to up to 50 % by weight of at morphous and/or microcrystalline polyamideshaving a glass transition temperature of at least 100 °C, based on: 20-100 mol % of at least one cycloaliphatic diamine; and 0-80 mol % of at least one other aliphatic and/or aromatic diamine; and also aromatic and/or aliphatic dicarboxylic acids comprising at least 6 carbon atoms. In addition, 0-70 % by weight of fibrous additives (B1) and/or particulate additives (B2), 0-30 % by weight of impact toughness modifier and/or polymers different from (A), 0-25 % by weight of a flame retardant, and 0-3 % by weight of additives may also be contained.

No. of Pages : 38 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.1435/KOL/2012 A

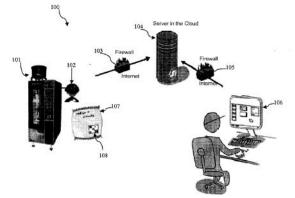
(43) Publication Date : 27/06/2014

(54) Title of the invention : SYSTEMS OF TRACKING AND MONITORING A PRODUCT FROM SOURCE TO CONSUMER AS WELL AS TO A QUALITY CONTROL TEAM BY MEANS OF A REMOTE MONITORING DEVICE

 (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (38) International Publication No (39) Name of Inventor : (30) Name of Inventor : (31) VEERENDRA VASAMSETTY (32) Name of Inventor : (33) Name of Addition to Application Number (34) Filing Date (35) NA (36) Patent of Addition to Application Number (37) NA (38) Name of Inventor : (39) Name of Inventor : (31) VEERENDRA VASAMSETTY (32) AISWARYA DORAIRAJ (33) CHHAVI KAPOOR (34) CHHAVI KAPOOR (35) CHHAVI KAPOOR 	 (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	RUEIL MALMAISON, FRANCE (72)Name of Inventor : 1)VEERENDRA VASAMSETTY 2)AISWARYA DORAIRAJ
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(57) Abstract :

The invention relates system (100,200) of tracking and monitoring product from source to consumer and/or to a quality control team. According to a particular embodiment said system (100) comprises a packaging machine (101) for packaging said product, said products packet (107) being provided with pre-printed unique QR code (108) containing information regarding said packet (107) and/or the product contained therein, a scanning device (102) configured to scan said QR code (108), and a server system (104) configured to link said packaging machine (101) with said remote monitoring device (106) through internet or intranet. According to another embodiment the invented system (200) comprises a packaging machine (201) for packaging said products, a QR code generator (202), a QR code printer (202a), and a server system (204) configured to link said packaging machine (201) with said remote monitoring device (206) through across/internet or intranet. In the system (100,200,), the unique QR code (108,208,308,408 respectively) is printed on the packet (107,207,) and will be scanned just before or just after the respective packet (107,207,) has been packed by the packing machine (101,201,). This scanned information will be sent to the server (104) from where the product information will be transmitted to the quality control team, packing OEM or the end consumer operating the remover monitoring device (106,206,) as the need may be.



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

(21) Application No.1055/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : DARK GRAY SODA-LIME SILICATE GLASS COMPOSITION INTENDED FOR THE MANUFACTURE OF WINDOWS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C03C 4/02 :0402898 :19/03/2004 :France :PCT/FR2005/000697	 (71)Name of Applicant : 1)SAINT GOBAIN GLASS FRANCE Address of Applicant :LES MIROIRS, 18 AVENUE D'ALSACE, F-92400, COURBEVOIE, FRANCE (72)Name of Inventor :
Filing Date	:21/03/2005	1)TEYSSEDRE LAURENT
(87) International Publication No	:WO 2005/095297	2)HOMO LIONEL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2721/KOLNP/2006 :19/09/2006	

(57) Abstract :

A gray soda-lime silicate glass composition, characterized in that it comprises a coloring part essentially consisting of the compounds below in contents varying within the following weight limits: Fe2O3 (total iron) 0.7 to 0.95% CoO 200 to 300 ppm NiO 1500 to 1900 ppm said composition being free of selenium, having a redox of 0.40 or less, and the glass having a light transmission factor (TLA) under illuminant A of 50% or less and an overall energy transmission factor (TE) of less than 45%, these being measured for a thickness of 3.85 mm.

No. of Pages : 23 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :23/05/2014

(21) Application No.1106/KOLNP/2014 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : TINTED EMULSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61K 8/60, A61Q 1/02 :1160827 :25/11/2011 :France :PCT/IB2012/056660 :23/11/2012 :WO 2013/076691 :NA :NA	 (71)Name of Applicant : 1)L'OREAL Address of Applicant :14 RUE ROYALE, F-75008 PARIS,FRANCE (72)Name of Inventor : 1)TERRISSE, ISABELLE 2)LEMAIRE, CHARLOTTE
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a cosmetic composition for caring for and/or making up keratin materials which is in the form of an oil-in-water emulsion which undergoes phase inversion when it is applied to said keratin materials, comprising: (i) at least one pigment having a particle size greater than 100 nanometers, and (ii) a combination of at least one hydrophilic surfactant and at least one lipophilic surfactant. It also relates to the associated cosmetic process.

No. of Pages : 35 No. of Claims : 13

(21) Application No.1107/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : BODY FOR ACTUATED VALVE, CORRESPONDING ACTUATED VALVE AND THE MANUFACTURING PROCESS 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 	:16/10/2012 :WO 2013/060426 :NA	 (71)Name of Applicant : 1)GÉNÉRALE DE ROBINETTERIE INDUSTRIELLE ET DE SYSTEMES DE S>RETE (GRISS) S.A. Address of Applicant :8, AVENUE PIERRE BROSSOLETTE, BP 159, F-59428 ARMENTI^RES FRANCE (72)Name of Inventor : 1)FACHE, OLIVIER 2)VINCENT, ERIC 3)GEST, ERIC 4)BERGOT, DAMIEN
Filing Date (62) Divisional to Application Number	:NA :NA :NA	4) DERGUI, DAMIEN
Filing Date	.1NA	

(57) Abstract :

A body for an actuated valve, the actuated valve comprising flow regulating means for regulating the flow of a fluid between an input bore and an output bore of a barrel, and actuating means for controlling a position of the flow regulating means, the body comprising: a barrel having at least the input bore and the output bore; an actuating volume inside of which at least part of the actuating means can be placed, wherein the barrel and the actuating volume are integrally formed in a single piece.

No. of Pages : 30 No. of Claims : 18

(21) Application No.1166/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : DETERMINING PROPAGATION DELAY (51) International classification :H03K 5/13 (71)Name of Applicant : (31) Priority Document No :13/286,694 1)TERADYNE, INC. Address of Applicant :600 RIVERPARK DRIVE, NORTH (32) Priority Date :01/11/2011 READING, MA 01864 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/056228 (72)Name of Inventor : Filing Date :20/09/2012 1)GOHEL, TUSHAR, K. (87) International Publication No :WO 2013/066510 2)THORPE, BRANDON (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Techniques for obtaining a propagation delay through first and second transmission lines having substantially equal propagation delays may include: providing a first signal to the first transmission line; providing a second signal to the second transmission line; detecting an incident edge of the first signal on the first transmission line; detecting a reflected edge of the second signal on the second transmission line; and determining the propagation delay based on times of detection of the incident edge and detection of the reflected edge.

No. of Pages : 59 No. of Claims : 36

(21) Application No.1167/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : DUAL MODE CHIP HAVING RADIO FREQUENCY IDENTIFICATION AND ELECTRONIC ARTICLE SURVEILLANCE CAPABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06K 19/07 :13/286,477 :01/11/2011 :U.S.A. :PCT/US2012/062535	 (71)Name of Applicant : 1)AVERY DENNISON CORPORATION Address of Applicant :150 N. ORANGE GROVE BLVD., PASADENA, CA 91103 U.S.A. (72)Name of Inventor :
 (80) 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 	:PC1/052012/062333 :30/10/2012 :WO 2012/066845 :NA :NA :NA	(72)Name of inventor : 1)FORSTER, IAN, J.

(57) Abstract :

A dual mode detection device provides both radio frequency identification and electronic article surveillance functionality. The device includes a dual mode microchip including a logic circuit and a non- volatile memory, the dual mode microchip having an electronic article surveillance (EAS) capability and a radio frequency identification (RFID) capability. An antenna is operatively coupled to the microchip for operation of the RFID capability. A coil is operatively coupled to the microchip and a capacitor is integrated into the microchip such that the coil resonates at a specific frequency, wherein exceeding a breakdown voltage of the capacitor alters a state of a memory location in the non-volatile memory.

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

(21) Application No.1011/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014

(54) Title of the invention : RAILWAY VEHICLE DAMPING DEVICE

(43) Publication Date : 27/06/2014

(51) International classification :B61F 5/24 (71)Name of Applicant : (31) Priority Document No :2012-056847 1)KAYABA INDUSTRY CO., LTD. (32) Priority Date :14/03/2012 Address of Applicant :WORLD TRADE CENTER BLDG., 4-(33) Name of priority country :Japan 1, HAMAMATSU-CHO 2-CHOME, MINATO-KU, TOKYO 105-(86) International Application No :PCT/JP2013/056944 6111,JAPAN Filing Date :13/03/2013 (72)Name of Inventor : (87) International Publication No :WO 2013/137294 1)TAKAYUKI OGAWA (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number Filing Date :NA

(57) Abstract :

A railway vehicle damping device comprises at least two front side actuators interposed between a front bogie and a vehicle body of a railway vehicle, and at least two rear side actuators interposed between a rear bogie and the vehicle body of the railway vehicle, and suppresses vibration in a yaw direction of the vehicle body using a yaw suppression force generated by the actuators. After determining that the railway vehicle is traveling in a curve section, a control device causes at least one of the front side actuators to generate a yaw suppression force, and causes all of the remaining actuators to function as passive dampers. As a result, passenger comfort in the railway vehicle during travel in the curve section is improved.

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

(21) Application No.1366/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date : 27/06/2014

(54) Title of the invention : CONNECTING DEVICE FOR CONTINUOUS ROLL-TO-ROLL MATERIAL AND THE METHOD THEREOF

(51) International classification52(31) Priority Document No11(32) Priority Date22(33) Name of priority country17(86) International Application No18Filing Date18(87) International Publication No11(61) Patent of Addition to Application Number18Filing Date19Filing Date19(87) International Publication No11(87) International Publication No11(87) International Publication No11(87) International Publication Number11(87) International Publication No11(87) International Publication No11(87) International Publication No11(87) International Publication Number11(87) International Publication Number11(88) International Publication Number11<	148634Address of A12/2012SANCHONG Dwan2)PROACCU(72)Name of Inv1)CHIANG, I2)LUO, FWU3)CHEN, WE4)CHAN, YA	CO., LTD. Applicant :2F., NO.79, SEC.1, GUANGFU RD., IST., NEW TAIPEI CITY 241, TAIWAN TECH CO., LTD. ventor : -TSUNG -TARN N-CHIH
(62) Divisional to Application Number :N Filing Date :N		

(57) Abstract :

A connecting device for continuous roll-to-roll material and the method thereof. First, a first cutting structure is used to cut a preparative material, and then the cut preparative material is moved to a predetermined connecting position through a first adsorption structure. When an existent material is going to be used up, the existent material is cut by a second cutting structure, and then the cut existent material is moved to the predetermined connecting position for connecting through a second adsorption structure. After that, the cut existent material and the cut preparative material are connected by a high frequency welding machine. There is no selvedge at the joint so that the product with the joint can be as a normal product for sell to increase production efficiency.

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

(19) INDIA

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

(21) Application No.1424/KOL/2013 A

(43) Publication Date : 27/06/2014

(54) Title of the invention : OCCLUSION-A WARE RECONSTRUCTION OF THREE-DIMENSIONAL SCENES FROM LIGHT FIELD IMAGES

 (51) International classification (31) Priority Document No (32) Priority Date (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 	:13/723,069 :20/12/2012	
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(57) Abstract :

A three-dimensional scene is modeled as a set of layers representing different depths of the scene, and as masks representing occlusions of layers by other layers. The layers are represented as linear combinations of atoms selected from an overcomplete dictionary. An iterative approach is used to alternately estimate the atom coefficients for layers from a light field image of the scene, assuming values for the masks, and to estimate the masks given the estimated layers. In one approach, the atoms in the dictionary are ridgelets oriented at different angles, where there is a correspondence between depth and angle.

No. of Pages : 39 No. of Claims : 15

(21) Application No.1130/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 27/06/2014

(54) Title of the invention : ION REMOVAL USING A CAPACITIVE DEIONIZATION 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 	:C02F1/42 :13/283,265 :27/10/2011 :U.S.A. :PCT/US2012/062433 :29/10/2012 :WO 2013/063578	 (71)Name of Applicant : 1)PENTAIR RESIDENTIAL FILTRATION, LLC Address of Applicant :5730 North Glen Park Road Glendale WI 53209 U.S.A. (72)Name of Inventor : 1)AVERBECK, David, J. 2)TALLON Rebecca M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)BOEDEKER Brett A.

(57) Abstract :

Embodiments of the invention provide methods of removing ions from a feed water stream using a flow-through capacitor and a controller for performing the methods. A target value for a water property concentration or a fixed percent removal of a water property concentration to be removed is established for a treated water stream exiting the flow-through capacitor. A feed value for the water property concentration is measured in a feed water stream entering the flow-through capacitor. An amperage of the flow-through capacitor and a flow rate through the flow-through capacitor is controlled to remove ions from the feed water stream to achieve the desired removal of the water property.

No. of Pages : 48 No. of Claims : 36

(21) Application No.1131/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

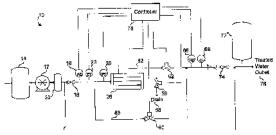
(43) Publication Date : 27/06/2014

(54) Title of the invention : CONTROLLER AND METHOD OF OPERATION OF A CAPCITIVE DEIONIZATION 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 	:B01D43/00,G05B21/00 :13/283,238 :27/10/2011 :U.S.A. :PCT/US2012/062417 :29/10/2012 :WO 2013/063567	 (71)Name of Applicant : 1)PENTAIR RESIDENTIAL FILTRATION LLC Address of Applicant :5730 North Glen Park Road Glendale WI 53209 U.S.A. (72)Name of Inventor : 1)AVERBECK David J. 2)TALLON Rebecca M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)BOEDEKER Brett A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the invention provide a method of operating a flow- through capacitor and a related controller for performing the method. The method includes establishing a summed-current capacity of the flow-through capacitor. In an operational cycle, the flow-through capacitor is operated to transfer ions between the pair of electrodes and water. A current is monitored during operation of the flow- through capacitor. This current is integrated over time to calculate a monitored-current value. To determine an end of the operational cycle, the monitored-current value is compared to the summed-current capacity.



No. of Pages : 49 No. of Claims : 35

(21) Application No.1425/KOL/2013 A

(19) INDIA

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

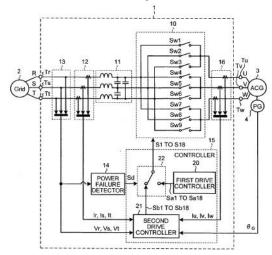
(43) Publication Date : 27/06/2014

(54) Title of the invention : MATRIX CONVERTER AND METHOD FOR CONTROLLING MATRIX CONVERTER

	:H02M	(71)Name of Applicant :
(51) International classification	5/00	1)KABUSHIKI KAISHA YASKAWA DENKI
(31) Priority Document No	:2012-	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(51) Thomy Document 10	280276	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(32) Priority Date	:21/12/2012	0004 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HARA HIDENORI
Filing Date	:NA	2)INOMATA KENTARO
(87) International Publication No	: NA	3)YAMANAKA KATSUTOSHI
(61) Patent of Addition to Application Number	:NA	4)MORIMOTO SHINYA
Filing Date	:NA	5)TAKEDA KOTARO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A matrix converter according to one aspect of an embodiment includes a plurality of bidirectional switches and a controller. The bidirectional switches connect each phase of an alternating current (AC) power supply with each phase of the rotary electric machine. The controller performs power conversion control between the AC power supply and the rotary electric machine by controlling a plurality of unidirectional switching elements constituting the bidirectional switches individually. The controller performs switching control for advancing the timing at which the unidirectional switching elements constituting the bidirectional switches are switched ON from that in 120-degree conduction control, and for extending a period for which the unidirectional switching elements are kept ON from that in the 120-degree conduction control.



No. of Pages : 109 No. of Claims : 11

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent	Applicants	Title	Date of	Appropria
No.			Cessation	te Office
192025	JOHNSON & JOHNSON KABUSHIKI KAISHA	Method of making heat sealing adhesive bandage and adhesive bandage made by using said method.	05/05/2009	KOLKATA
207737	JENSSEN,KEN ALVIN	A Control device for controlling a visual pointer on a display for computer apparatus.	12/11/2008	KOLKATA
181349	FRANZ PLASSER BAHNBAUMASCHINEN INDUSTRIEGESELLSCHAFT	A rail grinding machine.	26/08/2008	KOLKATA
188450	MENDES S.R.L	Process for preparation of pharmaceutical or dietetic compositions containing bacteria endowed with arginine deiminase to induce apoptosis and/or reduce an inflammatory reaction.	15/02/2009	KOLKATA
243270	(1) WYETH (2) ETEX CORPORATION	A composition for injectable delivery of osteogenic proteins.	10/09/2012	KOLKATA
199412	EXIDE INDUSTRIES LIMITED	Vented-type leak resistant motor cycle battery.	29/06/2009	KOLKATA
231417	ROMARK LABORATORIES L.C.	Pharmaceutical compositions for oral administration.	05/05/2012	KOLKATA

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	916/KOLNP/2003	210811	ATOFINA VLISSINGEN B.V.	Process for the production of monoalkyltin trihalides.	16/10/2009	Kolkata
2.	12/KOL/2006	226133	GHANSHAYM DAS AGARAWAL	A Glaucoma shunt.	09/03/2012	Kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	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)	Approp riate Office
1	261308	6384/DELNP/2006	25/02/2005	30/04/2004	AN APPARATUS FOR HANDLING ON A MOBILE DEVICE A DIGITAL CERTIFICATE	RESEARCH IN MOTION LIMITED	31/08/2007	DELHI
2	261312	8121/DELNP/2007	12/04/2006	15/04/2005	STABILISER COMPOSITION FOR HALIDE-CONTAINING POLYMERS	SUN ACE KAKOH (PTE).LTD	30/11/2007	DELHI
3	261313	1186/DEL/2005	10/05/2005		AN AGITATOR, A CIRCULATORY CLEANING DEVICE ATTACHED TO THE AGITATOR, AND A CIRCULATORY LINE SYSTEM COMPRISING THE CIRCULATORY CLEANING DEVICE	KANSAI PAINT CO., LTD.,	01/12/2006	DELHI
4	261315	380/DELNP/2006	21/07/2004	22/07/2003	AMUSEMENT RIDE VEHICLE WITH PNEUMATICALLY ACTUATED CABIN AND MOTION BASE	OCEANEERING INTERNATIONAL, INC.	17/08/2007	DELHI
5	261328	2011/DELNP/2004	22/01/2003	22/01/2002	A DEVICE COMPRISING A BASE AND A RE- ORIENTABLE SAMPLE HOLDER	RENISHAW PLC,	11/05/2007	DELHI
6	261330	2212/DELNP/2006	23/09/2004	23/09/2003	PHOTOCURABLE PERFLUOROPOLYETHERS FOR USE AS NOVEL MATERIALS IN MICROFLUIDIC DEVICES	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL ,NORTH CAROLINA STATE UNIVERSITY ,	27/04/2007	DELHI
7	261331	2015/DELNP/2008	04/08/2006	09/08/2005	CERAMIC PRECURSOR AND FILTER FOR FILTERING MOLTEN IRON	PORVAIR PLC	04/07/2008	DELHI
8	261335	3170/DELNP/2007	03/11/2005	03/11/2004	A FORMULATED INSECT REPELLENT COMPOSITION	E.I. DU PONT DE NEMOURS AND COMPANY	31/08/2007	DELHI
9	261344	10128/DELNP/2008	07/06/2007	15/06/2006	UV ABSORBING COMPOSITION	CRODA INTERNATIONAL PLC	20/03/2009	DELHI
10	261345	4134/DELNP/2004	15/07/2003	15/07/2002	A STATIC MIXER AND METHOD OF CONSTURCTION THEREOF	SULZER CHEMTECH AG	09/10/2009	DELHI

11	261349	6932/DELNP/2007	21/02/2006	04/03/2005	METHOD AND APPARATUS FOR LOCALIZING IN-HOUSE WIRING DEFECTS	ALCATEL LUCENT	11/01/2008	DELHI
12	261352	8706/DELNP/2007	15/05/2006	13/05/2005	AN INTERMOLECULAR COMPOUND	THE NISSHINOILLIO GROUP LTD.	27/06/2008	DELHI
13	261353	3746/DELNP/2007	05/12/2005	06/12/2004	A PROCESS FOR PRODUCING A CARBOXYLIC ACID	DAICEL CHEMICAL INDUSTRIES, LTD.	24/08/2007	DELHI
14	261356	553/DELNP/2008	26/07/2006	26/07/2005	METHOD FOR PURIFYING HIGH MELTING ORGANIC RAW PRODUCTS OR COMPOUND MIXTURES BY MEANS OF FRACTIONAL LAYER CRYSTALLISATION	SULZER CHEMTECH AG,RESITEC PARTICIPACOES LTDA	11/07/2008	DELHI
15	261358	4591/DELNP/2007	15/12/2005	16/12/2004	METHOD FOR TREATING WATER	ANALYSES MESURES POLLUTIONS (A.M.P),	31/08/2007	DELHI
16	261359	8025/DELNP/2007	17/03/2006	19/03/2005	NOVEL COMPOUNDS, ISOMER THEREOF, OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF AS VANILLOID RECEPTOR ANTAGONIST; AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME	AMOREPACIFIC CORPORATION	09/11/2007	DELHI
17	261361	394/DEL/1996	23/02/1996		AN IMPROVED PROCESS FOR ELECTROWINNING OF NICKEL WITH IMPROVED ANODES AND CATHODES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	27/05/2005	DELHI
18	261363	2432/DEL/1998	19/08/1998	29/08/1997	SYNCHRONIZATION TO A BASE STATION AND CODE ACQUISITION WITHIN A SPREAD SPECTRUM COMMUNICATIONS SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	27/05/2005	DELHI
19	261365	2165/DELNP/2007	21/09/2005	21/09/2004	METHOD FOR INERTING CLAYS IN SANDS FOR THE PREPARATION OF HYDRAULIC COMPOSITIONS	LAFARGE	03/08/2007	DELHI
20	261368	7073/DELNP/2006	24/05/2005	26/05/2004	A FUNCTIONAL FOOD COMPRISING FLAVONOIDS AND TOCOTRIENOLS	KGK SYNERGIZE INC.	22/06/2007	DELHI
21	261370	2776/DELNP/2004	18/02/2003	21/02/2003	A COMPOSITION FOR SKIN PHOTOPROTECTION	SOCIETE DES PRODUITS NESTLE S.A	09/10/2009	DELHI

22	261373	8631/DELNP/2007	12/04/2005	12/04/2005	PROCESS FOR MODIFYING BITUMEN	DIETER DANNERT	27/06/2008	DELHI
23	261376	364/DELNP/2008	28/07/2006	02/08/2005	SYSTEM AND METHOD FOR ADJUSTING ACQUISITION PHASE	FREESCALE SEMICONDUCTOR, INC.	15/08/2008	DELHI
24	261378	1219/DELNP/2006	02/03/2005	05/03/2004	METHOD AND APPARATUS FOR FINDING A PATH FOR ROUTING A CALL FROM SOURCE-NODE (SN) TO A DESTINATION NODE (DN) THROUGH A COMMUNICATION NETWORK	NOKIA SIEMENS NETWORKS GMBH & CO. KG	13/07/2007	DELHI
25	261379	1305/DELNP/2007	18/08/2005	18/08/2004	METHOD OF INDUCING FOLDING OF A DENATURED POLYPEPTIDE AND COMPOSITION COMPRISING AN AMOUNT OF A REFOLDING BUFFER	BIOGEN IDEC MA INC.	17/08/2007	DELHI
26	261380	482/DELNP/2007	08/07/2005	08/07/2004	A METHOD FOR MAINTAINING DEVICE CONNECTIVITY	LINK US ALL, LLC	17/08/2007	DELHI
27	261381	2830/DELNP/2007	30/09/2004	30/09/2004	A METHOD AND A DEVICE FOR PROVIDING ACCESS IN A SHORT RANGE COMMUNICATION NETWORK	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	03/08/2007	DELHI
28	261387	5674/DELNP/2007	19/01/2006	22/01/2005	APPARATUS AND METHOD FOR COLOR SELECTION AND COORDINATION SYSTEM	BEHR PROCESS CORPORATION	17/08/2007	DELHI
29	261390	1533/DELNP/2006	12/10/2004	14/10/2003	HOST CELL, VECTOR AND METHOD FOR PRODUCING GAMMA- CARBOXYLATED PROTEIN	ASTRAZENECA AB.	10/08/2007	DELHI
30	261391	2586/DEL/2004	28/12/2004		A NOVEL PROCESS FOR THE FABRICATION OF SILVER/SILVER CHLORIDE ELECTRODE	DIRECTOR GENERAL,DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	06/10/2006	DELHI
31	261392	2017/DELNP/2009	11/09/2007	11/09/2006	METHOD OF FORMULATING A WELLBORE FLUIDS	M-I L.L.C.	20/08/2010	DELHI
32	261393	1031/DEL/2008	22/04/2008 13:41:15	26/04/2007	MICROBIOLOGICAL ANALYSIS ASSEMBLY AND METHOD	EMD MILLIPORE CORPORATION	19/12/2008	DELHI
33	261395	3039/DELNP/2008	11/10/2006	11/10/2005	HYDROCARBON EMISSION SCAVENGER	MULTISORB TECHNOLOGIES, INC.	08/08/2008	DELHI

34	261396	2948/DELNP/2008	26/10/2006	27/10/2005	DIMERCAPTAN TERMINATED POLYTHIOETHER POLYMERS AND METHODS FOR MAKING AND USING THE SAME	PRC-DESOTO INTERNATIONAL, INC.	25/07/2008	DELHI
35	261397	1340/DELNP/2006	27/08/2004	28/08/2003	HARDWARE APPARATUS FOR CONFIGURING RESOURCES FOR A PLURALITY OF VIRTUAL PROCESSING ELEMENTS AND METHOD THEREFORE	MIPS Technologies, INC.	13/07/2007	DELHI
36	261400	6412/DELNP/2006	19/05/2005	20/05/2004	POLYMERIZATION PROCESS	UNIVATION TECHNOLOGIES, LLC	31/08/2007	DELHI
37	261401	2557/DEL/2005	22/09/2005	01/10/2004	A METHOD FOR INHIBITING POLYMERIZATION OF (METH) ACRYLIC ACID AND ITS ESTERS	ROHM AND HAAS COMPANY	31/07/2009	DELHI
38	261402	3423/DELNP/2004	08/05/2003	09/05/2002	A MICROPOROUS CRYSTALLINE ZEOLITE UZM-4M	UOP LLC	25/07/2008	DELHI
39	261403	147/DEL/2006	19/01/2006	27/01/2005	WIRELESS PERSONAL AREA NETWORK HAVING AUTHENTICATION AND ASSOCIATED METHODS	RESEARCH IN MOTION LIMITED	24/08/2007	DELHI
40	261404	1599/DEL/2007	30/07/2007 12:07:14	20/09/2006	STAPLER	MAX CO., LTD.	04/04/2008	DELHI
41	261410	4168/DELNP/2007	05/12/2005	17/12/2004	PROCESS FOR PREPARING BISPHENOLS	SABIC INNOVATIVE PLASTICS IP B.V.	31/08/2007	DELHI
42	261412	1482/DELNP/2006	01/10/2004	02/10/2003	METHOD AND APPARATUS FOR PROVIDING MULTIMEDIA BROADCAST/ MULTICAST SERVICE IN MOBILE COMMUNICATION SYSTEM	LG ELECTRONICS INC.	03/02/2012	DELHI
43	261416	7230/DELNP/2007	04/04/2006	06/04/2005	A METHOD AND COMPOSITION FOR NUTRITIONALLY IMPROVING GLUCOSE CONTROL AND INSULIN ACTION	NESTEC S.A.	12/10/2007	DELHI
44	261420	300/DELNP/2008	12/07/2006	12/07/2005	A Method of Producing an exogenous Glycosylated Mammalian Protein	GREENOVATION BIOTECH GMBH	08/08/2008	DELHI

45	261422	4059/DELNP/2007	06/12/2004	06/12/2004	ACCESS SELECTION IN WIRELESS NETWORKS	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	31/08/2007	DELHI
46	261423	1082/DEL/2006	27/04/2006	02/05/2005	CIRCUITRY ARRANGEMENT FOR OPERATING A LIGHT SOURCE	TRIDONICATCO GMBH & CO. KG	10/08/2007	DELHI
47	261425	886/DELNP/2007	19/07/2005	13/08/2004	A METHOD OPERATING AN IMAGING CARTIRDGE AND A CARTRIDGE CHIP	STATIC CONTROL COMPONENTS, INC.	03/08/2007	DELHI
48	261428	4043/DELNP/2004	23/06/2003	26/06/2002	HYBRID CABLE TO REINFORCE ONE CROWN PROTECTION PLY OF A TYRE	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN,MICHELIN RECHERCHE ET TECHNIQUE S.A	27/11/2009	DELHI
49	261430	4911/DELNP/2007	17/12/2005	24/12/2004	INSECTICIDES BASED ON SELECTED NEONICOTINOIDS AND STROBILURINS	BAYER CROPSCIENCE AG	17/08/2007	DELHI
50	261435	82/DEL/2007	12/01/2007	10/11/2006	BIOSENSOR	INFOPIA CO., LTD	16/05/2008	DELHI
51	261437	5681/DELNP/2007	13/01/2006	14/01/2005	METHOD FOR PREPARATION OF 10,11- DIHYDRO-10- HYDROXY-5H- DIBENZ/B,F/AZEPINE-5- CARBOXAMIDE	PORTELA & C.A., S.A.	17/08/2007	DELHI
52	261438	179/DELNP/2003	22/07/2002	30/07/2001	A FLUID PRESSURE GENERATING MEANS FOR A HEART ASSIST DEVICE	SUNSHINE HEART COMPANY PTY LTD.	21/12/2007	DELHI
53	261446	8674/DELNP/2008	12/04/2007	17/04/2006	FOOD COMPOSITION PREPARED BY A STERILIZATION PROCESS	THE IAMS COMPANY	15/05/2009	DELHI
54	261447	490/DEL/2005	07/03/2005	09/03/2004	A MELT PHASE PROCESS FOR MAKING A POLYESTER POLYMER MELT PHASE PRODUCT	EASTMAN CHEMICAL COMPANY	31/08/2007	DELHI
55	261448	1386/DEL/2004	27/07/2004	22/08/2003	TEXTILE MACHINERY.	TMT MACHINERY , INC.	14/07/2007	DELHI
56	261455	7365/DELNP/2006	09/05/2005	20/05/2004	A PROCESS FOR PREPARING A DIALKYLESTER OF A NAPHTHALENEDICARB OXYLIC ACID	BP CORPORATION NORTH AMERICA INC.	22/06/2007	DELHI
57	261457	4200/DELNP/2007	24/11/2005	16/12/2004	SYNCHRONIZATION MODULE	SIEMENS ENTERPRISE COMMUNICATIONS GmbH & Co.KG	31/08/2007	DELHI
58	261458	6591/DELNP/2008	22/01/2007	25/01/2006	METHOD FOR PRODUCING AN OIL- BINDING AGENT PRODUCED	COMMERZIALBANK MATTERSBURG IM BURGENLAND AKTIENGESELLSCHAFT	24/10/2008	DELHI

59	261459	2602/DELNP/2004	11/02/2003	12/02/2002	PROCESS FOR REACTIVATING CALCIUM CONTAINING ASH	TRASS, OLEV,GANDOLFI, EDUARDO,ANTHONY, EDWARD JOHN	09/10/2009	DELHI
60	261460	1007/DEL/2007	09/05/2007 11:47:38	19/09/2006	ROLLING MILL PRODUCT HANDLING SYSTEM	SIEMENS INDUSTRY INC.	04/04/2008	DELHI
61	261462	10238/DELNP/2007	19/06/2006	30/06/2005	A RROCESS FOR PREPARING A METALLO ALUMINO PHOSPHATE MOLECULAR SIEVE AND THE MOLECULAR SIEVE PREPARED BY THE PROCESS	UOP LLC	20/06/2008	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	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	261322	1216/MUMNP/2008	26/12/2006	23/12/2005	A BRAKE DRUM OF VEHICLE	WEBB WHEEL RPODUCTS INC.	25/07/2008	MUMBAI
2	261340	331/MUMNP/2008	28/12/2005	03/08/2005	THERMOPLASTIC MOULDED INSERT DESIGNED TO COMPLETELY FILL THE INNER TUBE OF TYRES FOR BICYCLES, MOTORCYCLES AND LIGHT VEHICLES	TECNOFILM S. P. A.	07/03/2008	MUMBAI
3	261348	1341/MUM/2008	26/06/2008	07/07/2007	RADIAL ROLLER HEAD	FETTE GMBH	05/06/2009	MUMBAI
4	261355	646/MUM/2008	26/03/2008		A PROCESS FOR RECYCLING DOMESTIC WASTE WATER	SONALI AJAY MOKASHI	18/04/2008	MUMBAI
5	261360	471/MUM/2006	05/04/2006		METHOD FOR PRODUCING OPTICAL FIBER PREFORM HAVING REDUCED CRACKS AND DEFORMATION, AND A PREFORM PRODUCED THEREFROM	M/S.STERLITE TECHNOLOGIES LIMITED	03/08/2007	MUMBAI
6	261377	2319/MUM/2007	26/11/2007		METHOD OF GEAR SHIFTING & IMPROVED GEAR SHIFT SYSTEM THEREOF	TATA MOTORS LIMITED	29/02/2008	MUMBAI
7	261383	1399/MUM/2005	09/11/2005		A FUEL INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINES	KIRLOSKAR OIL ENGINES LTD	24/08/2007	MUMBAI
8	261384	1113/MUM/2005	15/12/2005		A FULLY AUTOMATIC WATER COOLED OSCILLATING GRATE SYSTEM FOR SOLID FUEL FIRED BOILERS	M/S TRANSPARENT ENERGY SYSTEMS PRIVATE LIMITED	29/06/2007	MUMBAI
9	261418	1514/MUMNP/2008	16/08/2006	30/12/2005	METHOD OF MAKING BORON CONTAINING COMPOUND	ANACOR PHARMACEUTICALS, INC.	10/10/2008	MUMBAI
10	261427	544/MUM/2008	18/03/2008		IMPROVED PANTOGRAPH WIPER MECHANISM	TATA MOTORS LIMITED	16/05/2008	MUMBAI

11	261429 145	50/MUMNP/2006	10/01/2005	 LOCOMOTIVE TRACTION MOTOR SUPPORT BEARING	MAGNUS DIVISION OF LV VENTURES, INC.	24/08/2007	MUMBAI
12	261432 649	9/MUM/2007	30/03/2007	IMPROVED STEERING COLUMN SUPPORT STRUCTURE	TATA MOTORS LIMITED	16/05/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al 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	261307	759/CHE/2008	28/03/2008		A HYDROPOWER SYSTEM UTILIZING ECCENTRIC PRINCIPLE	G. SUBBAIAH	03/04/2009	CHENNAI
2	261309	4481/CHENP/20 07	26/04/2006	26/04/2005	NANOSCALE INTERCONNECTION INTERFACE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P	25/01/2008	CHENNAI
3	261320	76/CHENP/2009	11/07/2007	11/07/2006	STAR POLYMER AND METHOD FOR PRODUCING THE SAME	NIPPON SODA CO., LTD.	05/06/2009	CHENNAI
4	261323	2733/CHENP/20 08	17/02/1999	11/02/1999	OXIDATION CATALYST AND A PROCESS FOR PRODUCING THE SAME	MONSANTO TECHNOLOGY, LLC	03/04/2009	CHENNAI
5	261325	2582/CHENP/20 07	28/11/2005	16/12/2004	CHOLESTERIC MONOLAYERS AND MONOLAYER PIGMENTS WITH PARTICULAR PROPERTIES, THEIR PRODUCTION AND USE	SICPA HOLDING S.A.	07/09/2007	CHENNAI
6	261342	4771/CHENP/20 06	30/05/2005	28/05/2004	NONAQUEOUS ELECTROLYTIC SOLUTION AND LITHIUM SECONDARY BATTERY	UBE INDUSTRIES, LTD	29/06/2007	CHENNAI
7	261347	2545/CHENP/20 07	12/12/2005	14/12/2004	A METHOD FOR PRODUCING ANHYDROUS RARE- EARTH METAL HALIDES AND A PRODUCT OBTAINED THEREOF	CHEMETALL GMBH	07/09/2007	CHENNAI
8	261350	1182/CHENP/2007	09/07/2003	09/07/2002	SHORT MESSAGE CONVERSION BETWEEN DIFFERENT FORMATS FOR WIRELESS COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED	31/08/2007	CHENNAI
9	261351	2172/CHE/2008	05/09/2008	06/09/2007	A VEHICLE SEAT ASSEMBLY AND METHOD OF MANUFACTURING THE SAME	LEAR CORPORATION,	21/08/2009	CHENNAI
10	261354	3175/CHENP/20 07	12/01/2006	20/01/2005	NONAQUEOUS ELECTROLYTE SOLUTION AND LITHIUM SECONDARY BATTERY USING SAME	UBE INDUSTRIES LTD	07/09/2007	CHENNAI

11	261362	1744/CHENP/20 07	27/09/2005	27/09/2004	METHOD AND APPARATUS FOR GROWING A GROUP (III) METAL NITRIDE FILM AND A GROUP (III) METAL NITRIDE FILM	GALLIUM ENTERPRISES PTY LTD.	31/08/2007	CHENNAI
12	261364	3856/CHENP/20 07	03/03/2006	04/03/2005	AN IMPROVED LOW DENSITY ETHYLENIC POLYMER COMPOSITION AND METHOD OF MAKING THE SAME	DOW GLOBAL TECHNOLOGIES , LLC	21/12/2007	CHENNAI
13	261366	790/CHENP/200 7	08/08/2005	25/08/2004	MACHINE AND METHOD FOR TREATING BOTH AN OPEN WIDTH FABRIC AND A FABRIC IN ROPE FORM	CORAMTEX S.R.L.	24/08/2007	CHENNAI
14	261371	2345/CHE/2008	25/09/2008		STAIN-RESISTANT ELECTROGALVANIZED STEEL SHEET	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	02/04/2010	CHENNAI
15	261374	2888/CHENP/20 07	14/12/2005	29/12/2004	METHOD FOR THE PRODUCTION OF SUBSTITUTED 2- ALKOXYCARBONYL-3- AMINOTHIOPHENES	BAYER CROPSCIENCE AG	07/09/2007	CHENNAI
16	261385	2437/CHE/2007	26/10/2007		A METHOD OF PRODUCING A COPY OF A DOCUMENT BASED ON SCANNER STATUS INFORMATION IN A MULTIFUNCTION PERIPHERAL (MFP)	SAMSUNG R& D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
17	261386	3369/CHENP/20 07	25/01/2006	01/02/2005	AN INTERRUPTER UNIT FOR AN ELECTRICAL SWITCHING APPARATUS FOR POWER SUPPLY SYSTEMS	ABB TECHNOLOGY AG	16/11/2007	CHENNAI
18	261399	271/CHE/2008	01/02/2008		PYRIMIDINE COMPOUNDS	ORCHID RESEARCH LABORATORIES LTD	11/09/2009	CHENNAI
19	261405	3002/CHENP/20 07	07/12/2005	07/12/2004	METHOD AND SYSTEM FOR PRODUCING METALLIC IRON NUGGETS	NU-IRON TECHNOLOGY, LLC	07/09/2007	CHENNAI
20	261406	1020/CHE/2007	14/05/2007 16:39:45	13/05/2006	PROCESS FOR PREPARING POLYARYLENE ETHER KETONE	EVONIK DEGUSSA GMBH	28/11/2008	CHENNAI
21	261407	1251/CHE/2005	06/09/2005	09/09/2004	ARTHROPOD CONTROLLING AGENT	SUMITOMO CHEMICAL COMPANY LIMITED	07/09/2007	CHENNAI
22	261424	3031/CHENP/20 04	19/06/2003	05/07/2002	A PROCESS FOR PRODUCING ALKALI METAL CHLORATE IN AN ELECTROLYTIC CELL AND PLANT THEREFOR	AKZO NOBEL N.V.	10/12/2010	CHENNAI

23	261426	1876/CHENP/20 09	10/10/2007	11/10/2006	METHOD FOR PRODUCING PIPERIDIN- 4-ONE DERIVATIVE	NIPPON SODA CO., LTD.	26/06/2009	CHENNAI
24	261431	1327/CHE/2008	02/06/2008 15:14:52		SPACERLESS CARBON NANOTUBES FOR DRUG DELIVERY IN THE TREATMENT OF CANCER	INDIAN INSTITUTE OF TECHNOLOGY	11/12/2009	CHENNAI
25	261440	2004/CHE/2008	18/08/2008		A CROSS LINKED ACRYLIC CO-POLYMER AND A PROCESS THEREOF	TECH-DRY (INDIA) PVT. LTD	26/02/2010	CHENNAI
26	261444	1800/CHENP/20 07	22/09/2005	28/09/2004	TOOL FOR CLEANING SURFACES	DONDI, Andrea,DONDI, Roberto	31/08/2007	CHENNAI
27	261445	2331/CHE/2008	24/09/2008		METHOD OF PROCESSING NITI BASE SHAPE MEMORY ALLOYS	INDIAN SPACE RESEARCH ORGANISATION	02/04/2010	CHENNAI
28	261449	2527/CHENP/20 07	12/12/2005	13/12/2004	AMINOCARBOXYLIC ACID COMPOUNDS	ONO PHARMACEUTICAL CO., LTD	07/09/2007	CHENNAI
29	261461	5135/CHENP/20 07	17/04/2006	15/04/2005	PARTICULATE CHROMATIC RESIN COMPOSITION	UBE INDUSTRIES, LTD	27/06/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	261305	3943/KOLNP/2006	16/06/2005	17/06/2004	PIPERAZINECARBOX YLATE COMPOUND	CYTOKINETICS, INC.	22/06/2007	KOLKATA
2	261306	3999/KOLNP/2007	08/03/2006	03/05/2005	A STEAM TURBINE WITH A DOUBLE SHELL CASING	SIEMENS AKTIENGESELLSCH AFT	09/05/2008	KOLKATA
3	261310	3415/KOLNP/2006	06/05/2005	07/05/2004	BLISTERING MACHINE FOR PRODUCING BLISTER PACKS.	I.M.A INDUSTRIA MACCHINE AUTOMATICHE S.P.A.	15/06/2007	KOLKATA
4	261311	2023/KOLNP/2008	27/10/2006	28/10/2005	SINTERED CERAMIC PRODUCT HAVING A NITROGENOUS MATRIX WITH IMPROVED SURFACE PROPERTIES	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	16/01/2009	KOLKATA
5	261314	696/KOLNP/2008	18/10/2005	20/07/2005	ELASTOMERIC FILMS AND GLOVES	DIPTECH PTE. LIMITED,	14/11/2008	KOLKATA
6	261316	128/KOLNP/2007	22/07/2005	02/08/2004	PLANT FOR FEEDING A DOUBLE LAYER OF POWDER OR GRANULAR MATERIAL INTO THE CAVITY OF THE MOULD FOR CERAMIC TILE PRODUCTION	L.BOFFICINE MECCANICHE-S.P.A.	29/06/2007	KOLKATA
7	261317	1123/KOLNP/2007	31/08/2005	02/09/2004	QUINAZOLINES USEFUL AS MODULATORS OF ION CHANNELS	VERTEX PHARMACEUTICALS INCORPORATED	13/07/2007	KOLKATA
8	261318	281/KOL/2008	18/02/2008	13/03/2007	TWO-STEP ROCKER ASSEMBLY AND VALVETRAIN COMPRISING THE SAME	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	03/10/2008	KOLKATA
9	261319	2101/KOLNP/2005	29/04/2004	02/05/2003	TEMPLATE-FIXED BETA-HAIRPIN PEPTIDOMIMETICS WITH CXCR4 ANTAGONIZING ACTIVITY	POLYPHOR AG,UNWERSITAT ZURICH	08/06/2007	KOLKATA
10	261321	4086/KOLNP/2009	18/03/2008	07/06/2007	NOVEL SULFONIUM BORATE COMPLEX	DEXERIALS CORPORATION	19/03/2010	KOLKATA

11	261324	3607/KOLNP/2009	20/05/2008	20/06/2007	LUBRICATING GREASE COMPOSITION	KLBER LUBRICATION MNCHEN KG	22/01/2010	KOLKATA
12	261326	2592/KOLNP/2006	25/02/2005	27/02/2004	MACROCYCLIC COMPOUNDS AND METHODS OF MAKING AND USING THE SAME.	RIB-X PHARMACEUTICALS , INC.	01/06/2007	KOLKATA
13	261327	3812/KOLNP/2007	26/04/2006	27/04/2005	FUSED HETEROCYCLIC COMPOUNDS	TAKEDA PHARMACEUTICAL COMPANY LIMITED	04/04/2008	KOLKATA
14	261329	1848/KOLNP/2008	25/10/2006	25/10/2005	IMPROVED LEAD- FREE INSULATION COMPOSITIONS CONTAINING METALLOCENE POLYMERS	GENERAL CABLE TECHNOLOGIES CORPORATION	09/01/2009	KOLKATA
15	261332	286/KOL/2008	18/02/2008	06/03/2007	A TORQUE CONVERTER CLUTCH DISCRETE SOLENOID CONTROL SYSTEM AND A TORQUE CONVERTER CLUTCH DISCRETE SOLENOID CONTROL METHOD	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	03/10/2008	KOLKATA
16	261333	343/KOL/2006	17/04/2006	28/04/2005	A PUSH-BUTTON SWITCH	KABUSHIKI KAISHA T AN T	22/06/2007	KOLKATA
17	261334	439/KOL/2008	05/03/2008	15/05/2007	FAST FUEL ADJUSTMENT SYSTEM DIAGNOSTIC SYSTEMS AND METHODS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
18	261336	644/KOL/2008	31/03/2008	31/05/2007	FUEL RECOVERY SYSTEM FOR INTERNAL COMBUSTION ENGINES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
19	261337	3063/KOLNP/2006	13/05/2005	01/06/2004	A DISPOSABLE FILTER UNIT FOR DIESEL INTERNAL COMBUSTION ENGINES	UFI FILTERS S.P.A.	08/06/2007	KOLKATA
20	261338	4932/KOLNP/2007	24/05/2006	27/05/2005	A METHOD FOR LAYING AND MECHANICALLY CONNECTING PANELS IN ROWS PARALLEL TO ONE ANOTHER	INTERGLARION LIMITED	08/02/2008	KOLKATA
21	261339	3520/KOLNP/2006	27/05/2005	03/06/2004	A CORE-SHEATH COMPOSITE TYPE MONOFILAMENT FOR USE IN A SCREEN GAUZE	KB SEIREN LTD	15/06/2007	KOLKATA

22	261341	221/KOL/2009	09/02/2009		A METHOD FOR ESTIMATION OF FLUORIDE CONTENT IN CASTER COMPOUNDS	TATA STEEL LIMITED	13/08/2010	KOLKATA
23	261343	1864/KOLNP/2008	08/11/2006	08/11/2005	SUBSTRATE PROVIDED WITH A MULTILAYER COATING HAVING THERMAL PROPERTIES	SAINT-GOBAIN GLASS FRANCE	09/01/2009	KOLKATA
24	261346	1052/KOLNP/2008	22/06/2006	12/08/2005	IGNITION DEVICE FOR A MOTOR, ESPECIALLY IN A MOTOR VEHICLE	HUF HULSBECK & FRST GMBH & CO. KG	17/04/2009	KOLKATA
25	261357	3784/KOLNP/2006	26/05/2005	18/06/2004	THIN KEYPAD ASSEMBLIES AND COMPONENTS FOR ELECTRONICS DEVICES AND METHODS	MOTOROLA MOBILITY, INC.	15/06/2007	KOLKATA
26	261367	249/KOLNP/2007	08/08/2005	12/08/2004	SECURITY ELEMENT COMPRISING A SUPPORT	GIESECKE & DEVRIENT GMBH	29/06/2007	KOLKATA
27	261369	1983/KOLNP/2007	18/11/2005	18/11/2004	METHOD OF DETECTING CFH GENE	YALE UNIVERSITY,THE ROCKEFELLER UNIVERSITY	10/08/2007	KOLKATA
28	261372	937/KOL/2009	02/07/2009	19/09/2008	PNEUMATIC TIRE MADE OF A RUBBER COMPOSITION COMPRISING SILICA, BUTADIENE RUBBER, MODIFIED DIENE RUBBER AND ANOTHER DIENE RUBBER	SUMITOMO RUBBER INDUSTRIES, LTD.	30/04/2010	KOLKATA
29	261375	4246/KOLNP/2008	20/03/2007	24/03/2006	CONTINUOUS PROCESS FOR THE PRODUCTION OF VINYL CHLORIDE (CO) POLYMERS	AKZO NOBEL N.V.	06/03/2009	KOLKATA
30	261382	691/KOL/2008	08/04/2008	03/05/2007	METHOD OF OPERATING A WIND TURBINE AND WIND TURBINE	SIEMENS AKTIENGESELLSCH AFT	05/06/2009	KOLKATA
31	261388	1303/KOL/2008	30/07/2008	30/07/2007	COMPACT TERMINAL ASSEMBLY FOR POWER CONVERTERS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
32	261389	1205/KOLNP/2008	01/08/2006	31/08/2005	METHOD AND DEVICE FOR INCREASING THE OPERATIONAL FLEXIBILITY OF A CURRENT GENERATING SYSTEM	SIEMENS AKTIENGESELLSCH AFT	26/12/2008	KOLKATA

33	261394	4989/KOLNP/2007	14/07/2006	14/07/2005	HIGH EFFICIENCY PROCESS FOR PRODUCING METHANOL FROM A SYNTHESIS GAS	STARCHEM TECHNOLOGIES, INC.	04/07/2008	KOLKATA
34	261398	4216/KOLNP/2007	15/01/2004	14/02/2003	A PROCESS FOR THE PREPARATION OF ALKALI METAL CYANOBORATE	MERCK PATENT GMBH	06/06/2008	KOLKATA
35	261408	1604/KOLNP/2006	30/11/2004	20/12/2003	ALUMINIUM OXIDE POWDER AND PROCESS FOR PREPARING THE SAME BY FLAME HYDROLYSIS	EVONIK DEGUSSA GMBH	11/05/2007	KOLKATA
36	261409	2935/KOLNP/2007	22/02/2006	22/02/2005	MACHINE TOOL COMPRISING A PROTECTIVE CABINET AND AN ILLUMINATION SYSTEM	DECKEL MAHO PFRONTEN GMBH	19/10/2007	KOLKATA
37	261411	1445/KOL/2008	25/08/2008	17/09/2007	A REGENERATION SYSTEM AND A METHOD OF REGENERATING A PATRICULATE MATTER FILTER	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
38	261413	1734/KOLNP/2007	30/11/2005	01/12/2004	SHOWERHEAD FOR A SANITARY FITTING	HANSGROHE AG.	27/07/2007	KOLKATA
39	261414	519/KOL/2008	13/03/2008	30/03/2007	EIGHT SPEED AUTOMATIC TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
40	261415	146/KOLNP/2004	09/07/2002	11/07/2001	APPARATUS AND PROCESS FOR FILLING CONTAINERS WITH GRANULAR OR PULVERULENT MATERIAL	DEGUSSA AG.	07/04/2006	KOLKATA
41	261417	362/KOLNP/2007	08/08/2005	12/08/2004	SECURITY ELEMENT AND METHOD FOR PRODUCING THE SAME	GIESECKE & DEVRIENT GMBH	06/07/2007	KOLKATA
42	261419	337/KOL/2008	25/02/2008	12/03/2007	AN ENGINE CONTROL SYSTEM AND A METHOD OF CONTROLLING FUEL CUT-OFF TO AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	03/10/2008	KOLKATA
43	261421	291/KOLNP/2007	28/07/2005	30/07/2004	LIFTING ASSEMBLY EQUIPPED WITH A POWER UNIT	XLBV	06/07/2007	KOLKATA
44	261433	9/KOLNP/2007	28/06/2005	01/07/2004	POLYMERIZATION REACTORS WITH A BY-PASS LINE	TOTAL PETROCHEMICALS RESEARCH FELUY	29/06/2007	KOLKATA
45	261434	2456/KOLNP/2008	27/12/2006	29/12/2005	AN ARYLAMIDINE DERIVATIVE	TOYAMA CHEMICAL CO., LTD.	23/01/2009	KOLKATA

46	261436	1744/KOLNP/2008	18/10/2006	26/10/2005	METHODS AND COMPOUNDS FOR PREPARING CC-1065 ANALOGS	MEDAREX, INC.	30/01/2009	KOLKATA
47	261439	2852/KOLNP/2006	30/03/2005	30/03/2004	AZAINDOLES USEFUL AS INHIBITORS OF JAK AND OTHER PROTEIN KINASES	VERTEX PHARMACEUTICALS INCORPORATED	08/06/2007	KOLKATA
48	261441	1567/KOLNP/2007	22/10/2005	05/11/2004	ACYLATED NONADEPSIPEPTIDE COMPOUNDS AND A PROCESS FOR THE PREPARING THEREOF	AICURIS GMBH & CO. KG.	27/07/2007	KOLKATA
49	261442	3441/KOLNP/2006	19/05/2005	10/06/2004	A TEAT CUP LINER ADAPTED TO BE MOUNTED IN A SHELL TO FORM A TEAT CUP	DELAVAL HOLDING AB,	15/06/2007	KOLKATA
50	261443	2367/KOLNP/2006	25/02/2005	05/03/2004	WETTABLE HYDROGELS COMPRISING ACYCLIC POLYAMIDES	JOHNSON & JOHNSON VISION CARE , INC	25/05/2007	KOLKATA
51	261450	1345/KOLNP/2007	13/10/2005	22/10/2004	NETWORK DEVICE ARCHITECTURE FOR CONSOLIDATING INPUT/OUTPUT AND REDUCING LATENCY	CISCO TECHNOLOGY, INC.	20/07/2007	KOLKATA
52	261451	1757/KOLNP/2008	14/09/2006	12/10/2005	WEIGHING CELL FOR USE IN AN ASSOCIATED RECEIVING HOLDER	WIPOTEC WIEGE-UND POSITIONIERSYSTEME GMBH	30/01/2009	KOLKATA
53	261452	2656/KOLNP/2007	27/12/2004	27/12/2004	A TRIPLE POLARIZED SLOT ANTENNA	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	31/08/2007	KOLKATA
54	261453	2657/KOLNP/2007	27/12/2004	27/12/2004	A TRIPLE POLARIZED PATCH ANTENNA	TELEFONAKTIEBOL AGET LM ERICSSON (PUBL)	31/08/2007	KOLKATA
55	261454	3910/KOLNP/2007	07/08/2006	09/05/2006	SILICON CONDENSER MICROPHONE HAVING ADDITIONAL BACK CHAMBER AND SOUND HOLE IN PCB	BSE CO., LTD	30/05/2008	KOLKATA
56	261456	420/KOL/2008	04/03/2008	16/04/2007	MIXING APPARATUS FOR AN EXHAUST AFTER-TREATMENT SYSTEM	AN EXHAUST ER-TREATMENT GM GLOBAL TECHNOLOGY OPERATIONS INC		KOLKATA
57	261463	1284/KOLNP/2008	29/09/2006	05/10/2005	AZO REACTIVE DYES AND MIXTURES OF FIBER-REACTIVE AZO DYES, THEIR PREPARATION AND THEIR USE	DYSTAR COLOURS DISTRIBUTION GMBH	26/12/2008	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.

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	191971	09.06.2014
2.	191972	09.06.2014
3.	193873	09.06.2014
4.	194789	09.06.2014
5.	195717	09.06.2014
6.	195531	05.06.2014
7.	195532	05.06.2014
8.	195533	05.06.2014
9.	195534	05.06.2014
10.	195535	05.06.2014
11.	195536	05.06.2014
12.	195537	05.06.2014
13.	197308	05.06.2014
14.	218521	05.05.2014
15.	193222	29.05.2014

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of PANASONIC CORPORATION registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
248282	24-01	PANASONIC HEALTHCARE CO. LTD., OF 2131-1, MINAMIGATA, TOON-SHI, EHIME, JAPAN, A JAPANESE CORPORATION

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	248090					
CLASS		08-99				
1)SHINKO TECHNO CO., LT OF 2-12, MINAMIFUTAJIM KITAKYUSHU-SHI, FUKUOKA	A 2-CHOM				\land	
DATE OF REGISTRATION		24/09	9/2012		TK	
TITLE	r	TIP FOR SPO	DT WELD	ING		
PRIORITY						J J
PRIORITY NUMBER	DAT	ГЕ	COUN	TRY		
JP2012-013837	11/0	6/2012	JAPAN	1		
DESIGN NUMBER		255855				
CLASS		06-08				
1)MAINETTI (UK) LIMITED OF ANNFIELD ESTATE, OXNA SCOTLAND, TD8 6NN, UNITEI	M ROAD,	, JEDBURGH				22
DATE OF REGISTRATION		16/08/2013				
TITLE		GARMENT HANGER				
PRIORITY	I					
PRIORITY NUMBER		DATE		COUNTRY	r	
4028664		19/02/2013		U.K.		
DESIGN NUMBER		256256				
CLASS		26-03				
1)GE INDIA INDUSTRIAL P COMPANIES ACT 1956 HAVI PLOT NO. 42/1 & 45/14, ELE KARNATAKA, INDIA; NATION	NG ITS R ECTRONIC	EGISTEREI C CITY PHAS	D OFFIC	E AT		THE THE REAL PROPERTY AND A DESCRIPTION OF THE PROPERTY AND A DESCRIPTION
DATE OF REGISTRATION			06/09/	2013		
TITLE		LIGHTING FIXTURE				
PRIORITY NA	· ·					

DESIGN NUMBER	25	6750	
CLASS	00	6-02	
1)MR. SURESH RAMPRAKA KARISHMA NEST, ROW HC 411018, MAHARASHTRA STAT	OUSE NO:-8, MORWAI	DI, PIMPRI, PUNE:-	
DATE OF REGISTRATION	25/0	9/2013	
TITLE	В	ED	
PRIORITY NA			
DESIGN NUMBER		253003	
CLASS		23-01	
1)LUMINOUS WATER TECH OF 221, UDYOG VIHAR, PH INDIAN COMPANY			DIA, AN
DATE OF REGISTRATION		10/04/2013	
TITLE	W	ATER PURIFIER	
PRIORITY NA			Trypure
DESIGN NUMBER	25	7196	
CLASS	14	4-02	
1) MICROSOFT CORPORATI OF WASHINGTON) OF ONE MICROSOFT WAY, RE COMPANY	DMOND, WA 98052, U	J.S.A., AMERICAN	(त्रिस्स सम्प्रत्य)
DATE OF REGISTRATION		0/2013	1 444444444444
TITLE		DR AN ELECTRONIC BLET	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	-
29/458,106	14/06/2013	U.S.A.	

DESIGN NUMBER			
CLASS		12-16	
1)MAN TRUCK & BUS AG, A GEI DACHAUER STRASSE 667, 80995			
DATE OF REGISTRATION	15	/10/2013	
TITLE	BUMPERS	FOR VEHICLES	10
PRIORITY NA			
DESIGN NUMBER	,	253678	
CLASS		07-03	
1)DART INDUSTRIES INC., A CO OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOSSO			
DATE OF REGISTRATION	06	//05/2013	
TITLE	HANDLE	FOR CUTLERY	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	And a second sec
29/437,865	21/11/2012	U.S.A.	
DESIGN NUMBER	,	255989	
CLASS		08-06	
1)DILIPBHAI BACHUBHAI HIRP PROPRIETOR OF JANKI DIE-CAS HAVING PLACE OF BUSINESS AT PLOT NO. 834, AJI INDUSTRIAL MUNICIPAL WORKSHOP, BHAVNA			
DATE OF REGISTRATION	23	/08/2013	
TITLE	Н	ANDLE	
PRIORITY NA			

DESIGN NUMBER		256428		
CLASS	SS 12-16			
1)HERO MOTOCORP LIMITED, INDIAN COMPANIES ACT, HAVIN 34, COMMUNITY CENTRE, BAS 057				
DATE OF REGISTRATION	1	3/09/2013		
TITLE		FOR A TWO WHEELED /EHICLE		
PRIORITY NA	·			
DESIGN NUMBER		254502		
CLASS		22-01		
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ER AMERICA, A COLORADO CORPOR	IE, COLORADO 80516	5, UNITED STATES OF		
DATE OF REGISTRATION	13	3/06/2013	S A Million	
TITLE		GAZINE HANDLING ACHMENT		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY	6/	
29/441,131	31/12/2012	U.S.A.		
DESIGN NUMBER		255882		
CLASS		12-15		
1)CONTINENTAL REIFEN DEUT VAHRENWALDER STR. 9, 30165		ANY		
DATE OF REGISTRATION	DATE OF REGISTRATION 19/08/2013			
TITLE	TY			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002212233-0001	02/04/2013 OHIM			
	·			

DESIGN NUMBER		255698			
CLASS		15-99			
1)KAZUO TSUCHIYA, A JAPANE 437-7, DAINICHI, YOTSUKAIDO-					
DATE OF REGISTRATION	DATE OF REGISTRATION 07/08/2013				
TITLE	AGITA	TING ROTOR			
PRIORITY			6		
PRIORITY NUMBER	DATE	COUNTRY			
2013-003010	15/02/2013	JAPAN			
DESIGN NUMBER		254810			
CLASS		25-02	7		
INDUSTRIAL PARK, VIJAYAWADA RURAL-521228, K INDIA, AND WHOSE NATIONALITY DATE OF REGISTRATION					
TITLE		IBLY FOR DOOR AND INDOW			
PRIORITY NA					
DESIGN NUMBER		254503			
CLASS		22-01	- Non		
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ERI AMERICA, A COLORADO CORPORA					
DATE OF REGISTRATION					
TITLE					
PRIORITY					
PRIORITY NUMBER	DATE COUNTRY				
29/441,005	29/12/2012	U.S.A.			
	•	•			

DESIGN NUMBER	249	9711					
CLASS	15-06						
1)SSM SCHÄRER SCHW NEUGASSE 10, 8812 HC							
DATE OF REGISTRATION	26/1	1/2012				æ/	-
TITLE	WAXING AND APPA	PARAFFIN RATUS	IING	\ll		y_	ST
PRIORITY					Ĥ	0	J.P
PRIORITY NUMBER	DATE	COUNT	RY		F	\sim	Wer
002055715	11/06/2012	OHIM	23	The second	1	No.	e
				10	7	2	~
DESIGN NUMBER		253376					
CLASS		07-01					
1)DART INDUSTRIES IN THE LAWS OF DELAWAI 14901 SOUTH ORANGE 32837, USA	RE, U.S.A. OF						
DATE OF REGISTRATION	N	25/04/2013				1	A. S.
TITLE	LID OF	A CUP FOR	CHILDREN			1	
PRIORITY PRIORITY NUMBER 29/436,568	DATE 07/11/20	DATE COUNTRY 07/11/2012 U.S.A.					
DESIGN NUMBER		256433					
CLASS		12-16					
1)HERO MOTOCORP LI UNDER THE INDIAN COM 34, COMMUNITY CENT NEW DELHI-110057	APANIES ACT, H	AVING ITS	OFFICE AT	6		_	
DATE OF REGISTRATION	1	13/09/2013		100	1		6
TITLE	HI	HEADLIGHT				2)	X
PRIORITY NA				0	-		

DESIGN NUMBER	2	37204	
CLASS		04-02	(T)
1)GLAXOSMITHKLINE CONSUM BUSSMATTEN 1, D-77815 BUEHI		,	U.J.
DATE OF REGISTRATION	10/	/06/2011	n.
TITLE	TOO	THBRUSH	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
GB 4018115	13/12/2010	U.K.	Le.
			U.
DESIGN NUMBER	2	53395	
CLASS		09-05	MARKET AND A DESCRIPTION OF
1)M/S EMAMI LIMITED, A COMI COMPANIES ACT, 1956 HAVING I 687, ANANDAPUR, EM BYPASS, INDIAN	IS REGISTERED OFI	FICE ADDRESS AT	FAIB AND FAIB AND FANDSONE
DATE OF REGISTRATION	23/	/04/2013	Sugar and
TITLE	PACKAGING	TUBE WITH CAP	Normal Control of Cont
PRIORITY NA			
DESIGN NUMBER	2	56276	
CLASS		07-01	
1)BONJOUR INTERNATIONAL, A JAWAHAR NAGAR, DELHI-110007 GUPTA OF 385, DEEPALI, PITAMP GUPTA OF 384, DEEPALI, PITAMP (3) REENA GUPTA OF 384, DEEP NATIONALS	, INDIA, WHOSE PAF PURA, DELHI-110034 PURA, DELHI-110034	RTNERS ARE (1) RAMAI (2) RAJESH KUMAR AND	7
DATE OF REGISTRATION	06/	/09/2013	
TITLE	F	LASK	
PRIORITY NA			

DESIGN NUMBER		256858	
CLASS		02-04	
1)VIKAS SINGLA, TRADING AS S BASEMENT OF S.C.O NO. 82, SE NATIONAL			BULL STAR
DATE OF REGISTRATION	27	7/09/2013	Man
TITLE	FO	OTWEAR	
PRIORITY NA			
DESIGN NUMBER		256105	
CLASS		26-05	
1)WIPRO ENTERPRISES LIMITE COMPANIES ACT 1956 HAVING IT #134, DODDAKANNELLI, SARJA KARNATAKA, INDIA.	S REGISTERED OF	FICE AT THE	
DATE OF REGISTRATION	29	9/08/2013	5
TITLE		XTURE FOR INDOOR GHTING	6.9
PRIORITY NA			
DESIGN NUMBER		255746	
CLASS		14-03	
1)NOKIA CORPORATION, A FIN KEILALAHDENTIE 4, ESPOO, FI		N, OF THE ADDRESS	
DATE OF REGISTRATION	12	2/08/2013	
TITLE	MOB	ILE PHONE	1 10
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		/////
29/445576	13/02/2013 U.S.A.		

DESIGN NUMBER		258778	
CLASS		13-03	
1)M/S G. M. MODULAR PVT. LT 405/406, SHALIMAR MORYA PA ANDHERI (WEST), MUMBAI-40005	RK, BEHIND HYUND	DAI SHOWROOM,	
DATE OF REGISTRATION	1'	7/12/2013	
TITLE	VOLTAGE & SPER	CONTROLLING CURREN ED OF THE ELECTRONIC DEVICES	
PRIORITY NA			
DESIGN NUMBER		258477	
CLASS		03-01	
AT 90/C2, ''GIRNAR'' , MANGALW KARNATAKA			
DATE OF REGISTRATION	29	9/11/2013	and the second second
TITLE	K	EY FOBS	
PRIORITY NA			
DESIGN NUMBER		228665	
CLASS		19-06	0
1)SOCITE BIC 14 RUE JEANNE D'ASNIERES, 9	2 110 CLICHY, FRANC	CE	
DATE OF REGISTRATION	19	9/04/2010	
TITLE	WRITING	G INSTURMENT	LV
PRIORITY			D
PRIORITY NUMBER	DATE	COUNTRY	D.
001628223-0001	26/10/2009	OHIM	
		· ·	

DESIGN NUMBER		257806		
CLASS		13-03		
1)ARUN ENTERPRISES, I SHAHIBABAD, DISTGHA INDIA. (AN INDIAN PARTNERS C. L. DHIR, SH. ARUN DHIR	ZIABAD-201010, U HIP FIRM WHOSE , SH. TARUN DHI	U TTAR PRADES	H,	
NATIONAL OF THE ABOVE DATE OF	ADDRESS			
REGISTRATION	28	8/10/2013		
TITLE		OR ELECTRIC WI CABLES	RES &	
PRIORITY NA				
DESIGN NUMBER	25:	5805		
CLASS	14	-03		
1)SOMFY SAS, A CORPO EXISTING UNDER THE LA OF 50, AVENUE DU NOU FRANCE	WS OF FRANCE	,		
DATE OF REGISTRATION	13/08	8/2013		
TITLE	REMOTE	CONTROL		
PRIORITY PRIORITY NUMBER 721958401	DATE 22/02/2013	COUNTRY WIPO		
DESIGN NUMBER		256389		_
CLASS		12-11		
1)HERO MOTOCORP LIN UNDER THE INDIAN COM 34, COMMUNITY CENTH DELHI-110 057	PANIES ACT, HA	VING ITS OFFIC	CE AT	
DATE OF REGISTRATION		12/09/2013		
TITLE	TWO WH	IEELED VEHICLE	Ξ	Children -
PRIORITY NA				

DESIGN NUMBER		256729	
CLASS		11-01	- 9
1)INDERJIT KAUR ARORA, PRO JEWELLERY, HAVING HER ADDE B-507, MANJU MAHAL, PALI HII MUMBAI-400050, MAHARASHTRA,			
DATE OF REGISTRATION	24	4/09/2013	
TITLE	EAR	ORNAMENT	(The second
PRIORITY NA			a de las
DESIGN NUMBER		259061	
CLASS		13-01	
1) CROMPTON GREAVES LIMIT CG HOUSE, 6TH FLOOR, DR. AN MAHARASHTRA, INDIA; AN INDIA	NIE BESANT ROAD,	WORLI, MUMBAI - 400030	
DATE OF REGISTRATION	2	7/12/2013	
TITLE]	MOTOR	
PRIORITY NA			- Charles
DESIGN NUMBER		258391	
CLASS		24-01	Ē
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	DOM OF THE NETH	ERLANDS, RESIDING AT	
DATE OF REGISTRATION	20	5/11/2013	Le Col
TITLE	INFAI	NT WARMER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	00
002258491-0001	19/06/2013 OHIM		
			Ŵ

DESIGN NUMBER	25	8440	
CLASS	0′	7-06	A
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI			
DATE OF REGISTRATION	28/1	1/2013	12651 1265
TITLE	NAPKIN	HOLDER	all all
PRIORITY NA			No and the second secon
DESIGN NUMBER	25	0736	
CLASS	24	1-02	
1)SANOFI-AVENTIS DEUTSCHLA BRÜNINGSTRASSE 50, 65929 FR		N COMPANY OF	
DATE OF REGISTRATION	04/0	1/2013	
TITLE	INJECTIO	ON DEVICE	• bbbbbbb
PRIORITY			Fertil Units
PRIORITY NUMBER	DATE	COUNTRY	
002 068 791	05/07/2012	OHIM	
DESIGN NUMBER	25	5661	
CLASS	2:	5-99	
1)NEHAL STEEL PVT. LTD., 1437 GURU GOBIND SINGH TOWER, N 003 (PUNJAB) INDIA (AN INDIAN COMPANY DULY R 1956) OF THE ABOVE ADDRESS	EAR DHOLEWAL CHO	WK, LUDHIANA-141	
DATE OF REGISTRATION	06/0	8/2013	
TITLE	FEN	ICING	
PRIORITY NA			

DESIGN NUMBER		257516	
CLASS		12-16	
1)MAN TRUCK & BUS AG, A GE DACHAUER STRASSE 667, 8099			
DATE OF REGISTRATION	1	5/10/2013	
TITLE	BUMPER	FOR VEHICLES	
PRIORITY NA			
DESIGN NUMBER		257694	
CLASS		08-06	
SHEKHALIYA (3) CHETANBHAI I ARE ADULT & INDIAN NATIONA (INDIAN PARTNERSHIP FIRM) H. 3, MARUTI INDUSTRIAL AREA, WAYBRIDGE, N.H. 8B, RAJKOT-360			
DATE OF REGISTRATION	2	4/10/2013	
TITLE	I	HANDLE	
PRIORITY NA			
DESIGN NUMBER		253351	
CLASS		28-02	\sim
1)AVON PRODUCTS, INC. 777 THIRD AVENUE NEW YORI NATIONALITY: U.S.A.	K, NY 10017 UNITED	STATES OF AMERICA,	60
DATE OF REGISTRATION	2	3/04/2013	
TITLE		OSMETIC AND PERSONAL APPLICATOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/435,321	23/10/2012	U.S.A.	

DESIGN NUMBER			2490			
CLASS		22-04			\sim \sim	
1)DYNAMIC ANIMATION 12015 LEE JACKSON HWY STATES OF AMERICA, A U.S	Y., SUIT	E 200, FAIRI	FAX, V	A 22033, UNI	TED	
DATE OF REGISTRATION			29/10/	2012		
TITLE		PISTOL	GRIP C	ONTROLLER	ર	
PRIORITY		1		1		
PRIORITY NUMBER		DATE		COUNTRY		11
29/419,491		27/04/2012		U.S.A.		L L
						D.
DESIGN NUMBER		25	3657			·
CLASS		14	4-02			
1)SONY COMPUTER ENTI COMPANY OF 1-7-1 KONAN, MINATO-K			., A JA]	PANESE		
DATE OF REGISTRATION		03/0	5/2013			-
TITLE	CO	NTROLLER I DE	FOR EL VICE	ECTRONIC		QQ.OT
PRIORITY PRIORITY NUMBER 2013-003271		ATE 9/02/2013	JAF	UNTRY PAN		
DESIGN NUMBER		2559				
CLASS		08-0	-			
1)KALPESHBHAI MANSU INDIAN NATIONAL) SOLE I INDUSTRIES (INDIAN PROI PLACE OF BUSINESS AT- SHIVAM INDUSTRIAL AF RING ROAD, RAJKOT-360002	PROPR PRIETC REA, B/I	IETOR OF J DRSHIP CON H. PETROL P	AY BA ICERN IUMP, I	LAJI) HAVING	-	
DATE OF REGISTRATION		23/08/2013		-		
TITLE		HAND	DLE			
PRIORITY NA						

DESIGN NUMBER		254501	
CLASS		22-01	
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ERI AMERICA, A COLORADO CORPORA	E, COLORADO 80510	5, UNITED STATES OF	an
DATE OF REGISTRATION	1:	3/06/2013	
TITLE	FIREARM MAG	AZINE WITH WINDOW	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	a sa
29/440,792	27/12/2012	U.S.A.	
DESIGN NUMBER		257293	
CLASS		14-01	
UNDER THE LAWS OF JAPAN, HA 3-12, MORIYACHO, KANAGAWA 0022, JAPAN DATE OF REGISTRATION	A-KU, YOKOHAMA-S		-60
TITLE		R FOR VEHICLE	
PRIORITY	51 LA IKL	KTOK VEHICLE	
PRIORITY NUMBER	DATE	COUNTRY	
2013-012554	05/06/2013	JAPAN	
DESIGN NUMBER	·	256562	
CLASS		26-03	
1)NITIN R. SHENOY, INDIAN NA 602, JALTARANG, LOKPURAM, I ROAD NO. 2, THANE (W)-400 601, M	OR. GLADYS ALVAF		AN
DATE OF REGISTRATION	1	8/09/2013	
TITLE	LIGHT	ING FIXTURE	
PRIORITY NA			

DESIGN NUMBER		254178	
CLASS		14-01	
1)PANASONIC CORPORATION, A EXISTING UNDER THE LAWS OF 1006, OAZA KADOMA, KADOMA			
DATE OF REGISTRATION	30)/05/2013	
TITLE	DIGITAL VII	DEO DISC PLAYER	
PRIORITY NA			_
DESIGN NUMBER		256379	
CLASS		04-02	-
1)COLGATE-PALMOLIVE COMP 300 PARK AVENUE, NEW YORK			
DATE OF REGISTRATION	11	/09/2013	
TITLE	TOC	THBRUSH	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	1
201330087025.6	28/03/2013	CHINA	
			V
DESIGN NUMBER		256728	_
CLASS		11-01	and a second
1)INDERJIT KAUR ARORA, PRO JEWELLERY, HAVING HER ADDR B-507, MANJU MAHAL, PALI HII MUMBAI-400050, MAHARASHTRA,	ESS AT .L, NARGIS DUTT RO	DAD, BANDRA (WEST),	
DATE OF REGISTRATION	24	4/09/2013	
TITLE	NE	ECKLACE	A REAL PROPERTY AND A REAL
PRIORITY NA			

DESIGN NUMBER		257891	
CLASS		08-06	1
1)(1) RUPESHBHAI MANSUKHBH SHEKHALIYA (3) CHETANBHAI L ARE ADULT & INDIAN NATIONAI (INDIAN PARTNERSHIP FIRM) HA 3, MARUTI INDUSTRIAL AREA, WAYBRIDGE, N.H. 8B, RAJKOT-360	AVJIBHAI SINGHA .) PARTNERS OF JA .VING PLACE OF B KOTHARIYA RING I	LA (ALL THE PARTNERS AY SOMNATH METAL USINESS AT: ROAD, B/H. MURLIDHAR	
DATE OF REGISTRATION	3	1/10/2013	
TITLE	H	HANDLE	
PRIORITY NA			
DESIGN NUMBER		251075	
CLASS		05-05	
OF ENGLAND AND WALES, HAVI 3RD FLOOR, SIMPSON HOUSE, 6			
6BA, UNITED KINGDOM DATE OF REGISTRATION		1/01/2013	A CONT
,	2		
DATE OF REGISTRATION	2	1/01/2013	
DATE OF REGISTRATION TITLE	2	1/01/2013	
DATE OF REGISTRATION TITLE PRIORITY NA	2	1/01/2013 FILE FABRIC	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERNATIONAL TRADE COF LIABILITY COMPANY OF VICTORIA HOUSE, 49 CLARENE WD17 1HX, UNITED KINGDOM	2 TEXT PORATION LIMITI	1/01/2013 TILE FABRIC 258257 09-01 ED, A BRITISH LIMITED RD, HERTFORDSHIRE,	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERNATIONAL TRADE COF LIABILITY COMPANY OF VICTORIA HOUSE, 49 CLARENE	2 TEXT PORATION LIMITI PON ROAD, WATFOR 2	1/01/2013 TILE FABRIC 258257 09-01 ED, A BRITISH LIMITED RD, HERTFORDSHIRE, 0/11/2013	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERNATIONAL TRADE COF LIABILITY COMPANY OF VICTORIA HOUSE, 49 CLARENE WD17 1HX, UNITED KINGDOM	2 TEXT PORATION LIMITI PON ROAD, WATFOR 2	1/01/2013 TILE FABRIC 258257 09-01 ED, A BRITISH LIMITED RD, HERTFORDSHIRE,	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERNATIONAL TRADE COF LIABILITY COMPANY OF VICTORIA HOUSE, 49 CLARENE WD17 1HX, UNITED KINGDOM DATE OF REGISTRATION	2 TEXT PORATION LIMITI PON ROAD, WATFOR 2	1/01/2013 TILE FABRIC 258257 09-01 ED, A BRITISH LIMITED RD, HERTFORDSHIRE, 0/11/2013	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERNATIONAL TRADE COR LIABILITY COMPANY OF VICTORIA HOUSE, 49 CLARENE WD17 1HX, UNITED KINGDOM DATE OF REGISTRATION TITLE	2 TEXT PORATION LIMITI PON ROAD, WATFOR 2	1/01/2013 TILE FABRIC 258257 09-01 ED, A BRITISH LIMITED RD, HERTFORDSHIRE, 0/11/2013	

DESIGN NUMBER	25	6120	
CLASS		4-01	-
1)ETHICON, INC., A COR LAW OF THE STATE OF N OF U.S. ROUTE 22, SOMI	PORATION FORM EW JERSEY,	1ED UNDER THE	
DATE OF REGISTRATION	30/0	8/2013	N/N
TITLE	SURGICAI	L FASTENER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/447,564	05/03/2013	U.S.A.	
DESIGN NUMBER		255645	
CLASS		08-06	
PROPRIETORSHIP CONCE AT-PLOT NO. 834, AJI IN BRIDGE, OPP: MUNICIPAL GUJARAT (INDIA) DATE OF REGISTRATION	DUSTRIAL AREA,	NR; SITARAM WA	Y
TITLE		HANDLE	
PRIORITY NA			
DESIGN NUMBER	2	58782	
CLASS	1	13-03	
1)M/S G. M. MODULAR P 405/406, SHALIMAR MOI SHOWROOM, ANDHERI (W	RYA PARK, BEHIN		
DATE OF REGISTRATION	17/	12/2013	
TITLE	CONTROLLING	ULATOR FOR CURRENT VOLTA ECTRONIC DEVIC	
PRIORITY NA			

DESIGN NUMBER	256622	
CLASS	12-11	
1)TVS MOTOR COMPANY LIMIT UNDER THE COMPANIES ACT, 19 "JAYALAKSHMI ESTATES", 29 006, TAMIL NADU, INDIA		
DATE OF REGISTRATION	19/09/2013	
TITLE	REAR FENDER FOR SCOOTER	
PRIORITY NA		
DESIGN NUMBER	256458	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION		
TITLE	ICE BUCKET	and the second second
PRIORITY NA		
DESIGN NUMBER	257175	
CLASS	08-06	
1)RASIKLAL GHUSABHAI CHOV PROPRIETOR OF M K TECHNOCA HAVING PLACE OF BUSINESS AT 2, PATEL NAGAR, SADBHAVNA MAIN ROAD, RAJKOT-GUJARAT-(II		
DATE OF REGISTRATION	04/10/2013	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	259065	
CLASS	13-01	
1) CROMPTON GREAVES LIMITE CG HOUSE, 6TH FLOOR, DR. ANI MAHARASHTRA, INDIA; AN INDIAI	NIE BESANT ROAD, WORLI, MUMBAI - 400030,	
DATE OF REGISTRATION	27/12/2013	
TITLE	MOTOR	V. Marine
PRIORITY NA		
DESIGN NUMBER	258443	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PL A-41, SECTOR-80, PHASE-II, NOI		Spr
DATE OF REGISTRATION	28/11/2013	243
TITLE	NAPKIN HOLDER	
PRIORITY NA		
DESIGN NUMBER	246661	
CLASS	09-01	8.1
	VATER LIMITED, AN INDIAN COMPANY OF, 3, DISTRICT SIRMOUR-173025, HIMACHAL	(AIR)
ATE OF REGISTRATION 20/07/2012		
TITLE		
PRIORITY NA		

DESIGN NUMBER		226787	
CLASS		09-03	
1) JT INTERNATIONAL S.A. 1 RUE DE LA GABELLE, 1211 G			
DATE OF REGISTRATION	1	5/01/2010	
TITLE	CIGA	RETTE PACK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
4011882	17/07/2009	U.K.	
DESIGN NUMBER		258781	
CLASS		14-03	
1)M/S G. M. MODULAR PVT. LT 405/406, SHALIMAR MORYA PA ANDHERI (WEST), MUMBAI-40005.	RK, BEHIND HYUND	DAI SHOWROOM,	
DATE OF REGISTRATION	1	7/12/2013	
TITLE	BLUETOOTH PLAYER		
PRIORITY NA			
DESIGN NUMBER		256157	
CLASS		12-08	
1) DR. ING. H.C.F. PORSCHE AK OF PORSCHEPLATZ 1, 70435 ST			
DATE OF REGISTRATION	02/09/2013		
TITLE		CAR	
PRIORITY NA			

DESIGN NUMBER		257749	
CLASS		21-01	
1)DR. ING. H.C.F. PORS GERMAN COMPANY OF PORSCHEPLATZ 1, 704			
DATE OF REGISTRATIO	N 2	25/10/2013	
TITLE	r	TOY CAR	
PRIORITY NA			
DESIGN NUMBER	2552	276	
CLASS	07-	02	
1)DART INDUSTRIES IN UNDER THE LAWS OF D OF 14901 SOUTH ORAL FLORIDA 32837, USA DATE OF REGISTRATION	ELAWARE, U.S.A.	AIL, ORLANDO,	
TITLE	COVER FOR A FO		
PRIORITY	COVER FOR A FO	OD CONTAINER	
PRIORITY NUMBER	DATE	COUNTRY	
29/449,703	15/03/2013	U.S.A.	
DESIGN NUMBER		53729	_
CLASS		24-02	
1)KARL STORZ GMBH MITTELSTRASSE 8, D-			
DATE OF REGISTRATION		05/2013	
TITLE		ER FOR SURGICAI USE	
PRIORITY			2 Dilde
PRIORITY NUMBER	DATE	COUNTRY	
002133611-0001	09/11/2012	OHIM	
			- 10 m -

DESIGN NUMBER		2559	42	
CLASS		10-0	02	
1)SOWIND SA, A LIMITED CO OF SWITZERLAND, OF THE AD PLACE GIRARDET 1, 2301 LA	DRESS			
DATE OF REGISTRATION		21/08/2	2013	
TITLE		WRISTW	ATCH	
PRIORITY				
PRIORITY NUMBER	DATE	COUN	VTRY	
139675	27/03/2013	SWIT	ZERLAND	
DESIGN NUMBER		2558	06	
CLASS		14-0	03	
1)SOMFY SAS, A CORPORATION LAWS OF FRANCE, OF 50, AVENUE DU NOUVEAU				Conno per
DATE OF REGISTRATION		13/08/2	2013	- Inter
TITLE	RI	EMOTE C	ONTROL	Kao /
PRIORITY	·			
PRIORITY NUMBER	DATE	DATE COUNTRY		
721958401	22/02/2013		WIPO	
DESIGN NUMBER		2561	66	
CLASS		13-0	03	
1) RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROAI WASHINGTON 99216 U.S.A., NAT		UITE P, SI	POKANE VALLEY,	
DATE OF REGISTRATION		02/09/2	2013	
TITLE	PLASTER RIN	IG FOR EI BOZ	LECTRICAL OUTLET X	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
29/447,297	01/03/2013		U.S.A.	Amount comm

DESIGN NUMBER	256730			
CLASS	11-01	. e		
1)INDERJIT KAUR ARORA, PRO JEWELLERY, HAVING HER ADDR B-507, MANJU MAHAL, PALI HII MUMBAI-400050, MAHARASHTRA,				
DATE OF REGISTRATION	24/09/2013	Channes and a state		
TITLE	NECKLACE	ALAN S		
PRIORITY NA		a filling the		
DESIGN NUMBER	257172			
CLASS	08-06			
FIRM) HAVING PLACE OF BUSINE KOTHARIYA MAIN ROAD, 50 FE BRAHMANI ELECTRIC, RAJKOT-360				
DATE OF REGISTRATION	04/10/2013			
TITLE	HANDLE			
PRIORITY NA				
DESIGN NUMBER	259062			
CLASS	13-01			
1) CROMPTON GREAVES LIMITE CG HOUSE, 6TH FLOOR, DR. ANI MAHARASHTRA, INDIA; AN INDIAI	1 the second sec			
DATE OF REGISTRATION	ATE OF REGISTRATION 27/12/2013			
TITLE	MOTOR			
PRIORITY NA				

DESIGN NUMBER		258499	
CLASS		26-04	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS			
DATE OF REGISTRATION	2	29/11/2013	
TITLE	L	ED BULB	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002282392-0005	26/07/2013	OHIM	
DESIGN NUMBER		252703	
CLASS		14-03	
1)SIEMENS ENTERPRISE COMM HOFMANNSTR 51, 81379 MÜNCI			
DATE OF REGISTRATION	2	28/03/2013	
TITLE	TELEPHONE, WITH INTEGRATED LOUDSPEAKER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DE 40 2012 004 561.6	28/09/2012	GERMANY	
DESIGN NUMBER		257174	
CLASS		08-06	
1)RASIKLAL GHUSABHAI CHOV PROPRIETOR OF M K TECHNOCA HAVING PLACE OF BUSINESS AT 2, PATEL NAGAR, SADBHAVNA MAIN ROAD, RAJKOT-GUJARAT-(II			
DATE OF REGISTRATION	0	04/10/2013	
TITLE]	HANDLE	
PRIORITY NA			

DESIGN NUMBER	245292	
CLASS	11-01	
1)" DE BEERS CENT OF ALPENSTRASS SWITZERLAND, A SW	E 5, 6000 LUZERN 6,	Jahrand Balance and a state of the state of
DATE OF REGISTRATION	14/05/2012	
TITLE	NECKLACE	
PRIORITY NA		1999 1999 1999 1999 1999 1999 1999 199
DESIGN NUMBER	259064	
CLASS	13-01	
	AVES LIMITED, LOOR, DR. ANNIE BESANT ROAD, 0030, MAHARASHTRA, INDIA; AN	
DATE OF REGISTRATION	27/12/2013	
TITLE	MOTOR	
PRIORITY NA		
DESIGN NUMBER	259119	
CLASS	19-06	
INCORPORATED IN HILTON HOUSE, 4 TUNGA PARADISE HO 400093; (MAHARASH)	8/2, CENTRAL ROAD, MIDC, OPP. DTEL, ANDHERI (EAST), MUMBAI-	CALL RANKERS
DATE OF REGISTRATION	30/12/2013	
TITLE	CORRECTION PEN	
PRIORITY NA		

DESIGN NUMBER		258442	
CLASS		11-02	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	N		
DATE OF REGISTRATION	28	3/11/2013	
TITLE	TABLE	CENTREPIECE	V
PRIORITY NA			
DESIGN NUMBER		251927	
CLASS		08-08	/>
1) FRIEDRICH LÜTZE GMBH, OF BRUCKWIESENSTR. 17-19, 71384 GERMAN COMPANY		HEPPACH, GERMANY,	A
DATE OF REGISTRATION	27	7/02/2013	
TITLE	MOUN	TING DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 092 734	27/08/2012	OHIM	
DESIGN NUMBER		257144	8
CLASS		12-16	
1)WASFI ALSHDAIFAT, A JORDA DHABI, UAE AND EIDA ALMUHAIRBI, AN EMIRAT UAE	I,		
DATE OF REGISTRATION	01	1/10/2013	
TITLE	CA	R COVER	
PRIORITY NA			

DESIGN NUMBER		257535	
CLASS		12-02	
1)BEMIS MANUFACTURING CO 300 MILL STREET, SHEBOYGAN NATIONALITY:U.S.A.			
DATE OF REGISTRATION	1:	5/10/2013	
TITLE	BASKET OF	A SHOPPING CART	CS STORE
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	antenness Banapa
29/452,211	12/04/2013	U.S.A.	
DESIGN NUMBER		257776	
CLASS		03-03	
1)TYNOR ORTHOTICS PVT. LTI THE COMPANIES ACT, 1956, HAV D-111, INDUSTRIAL AREA, PHA DATE OF REGISTRATION	ING ADDRESS AT SE-7, MOHALI-16005		
TITLE	HANDLE FOR WALKING STICK		
PRIORITY NA	I		
DESIGN NUMBER		255987	
CLASS	08-06		
1)KALPESHBHAI MANSUKHBH NATIONAL) SOLE PROPRIETOR (PROPRIETORSHIP CONCERN) HA SHIVAM INDUSTRIAL AREA, B/ RAJKOT-360002-GUJARAT-(INDIA)			
DATE OF REGISTRATION	22	3/08/2013	
TITLE	H	IANDLE	
PRIORITY NA			

DESIGN NUMBER		254500	
CLASS		22-01	-
1)MAGPUL INDUSTRIES CORPO 400 YOUNG COURT, UNIT 1, ER AMERICA, A COLORADO CORPOR	IE, COLORADO 80516	5, UNITED STATES OF	
DATE OF REGISTRATION	13	3/06/2013	
TITLE	FIREAR	M MAGAZINE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	C. Marine
29/440,889	28/12/2012	U.S.A.	
DESIGN NUMBER		259073	
CLASS		23-03	
1)CROMPTON GREAVES LIMIT CG HOUSE, 6TH FLOOR, DR. AN MAHARASHTRA, INDIA; AN INDIA DATE OF REGISTRATION	NNIE BESANT ROAD, IN COMPANY	WORLI, MUMBAI - 400	030,
TITLE	WAT	ER HEATER	
PRIORITY NA			
DESIGN NUMBER		256895	
CLASS		09-03	
1)PANASONIC CORPORATION, EXISTING UNDER THE LAWS OF 1006, OAZA KADOMA, KADOM	JAPAN, OF		
DATE OF REGISTRATION	30)/09/2013	
TITLE	MOUNT FOR PACKAGING OF BATTERY		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001371623-0001	16/05/2013	OHIM	

DESIGN NUMBER		257421	
CLASS		24-02	
1)HITACHI MEDICAL CORPOR EXISTING UNDER THE LAWS OF 4-14-1, SOTO-KANDA, CHIYOD	JAPAN, HAVING H	IS ADDRESS AT	
DATE OF REGISTRATION	10	0/10/2013	\sim
TITLE		ED TOMOGRAPHY (CT) CANNER	
PRIORITY PRIORITY NUMBER 2013-009075	DATE 23/04/2013	COUNTRY JAPAN	
DESIGN NUMBER		258401	
CLASS		23-01	
1)DC WATER WORLD SUPERM INCORPORATED UNDER THE CO LIABILITY HAVING ITS OFFICE D-31 COMMERCIAL COMPLEX,	OMPANIES ACT, 195 AT	6 WITH LIMITED	
DATE OF REGISTRATION	2	.7/11/2013	10 million (10 million)
TITLE	CARTRIDGE	FOR WATER FILTER	
PRIORITY NA			
DESIGN NUMBER		253352	_
CLASS		28-02	
1)AVON PRODUCTS, INC. 777 THIRD AVENUE NEW YORI	120		
DATE OF REGISTRATION	2	3/04/2013	
TITLE		OSMETIC AND PERSONAI APPLICATOR	
PRIORITY			000
PRIORITY NUMBER	DATE	COUNTRY	
29/435,321	23/10/2012	U.S.A.	
			10

DESIGN NUMBER	25	1466	
CLASS	12	-16	
1)ESCORTS LIMITED, OF 15/5, KM, MATHURA ROAD, FAF INDIAN COMPANY	RIDABAD-121003, HARY	ZANA, INDIA, AN	17
DATE OF REGISTRATION	06/02/2013		
TITLE	BUFFER COUPLER FOR COUPLING OF TRAIN COACHES		
PRIORITY NA			
DESIGN NUMBER	23	7266	
CLASS	23	-02	
1) KOHLER CO., 444 HIGHLAND DRIVE, KOHLEF AMERICA	R, WISCONSIN 53044, UI	NITED STATES OF	
DATE OF REGISTRATION	13/06/2011		
TITLE	HANDLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/381, 204	16/12/2010	U.S.A.	
DESIGN NUMBER	258	3271	
CLASS	15	-07	
1) PRAKASHBHAI DEVJIBHAI KA ADDRESS AT PLOT NO. 38, SHAKTI INDUSTRI TRAJPAR, MORBI-363 642, DIST:-RA	AL ESTATE, NR. RADH	E HOTEL, AT:-	
DATE OF REGISTRATION	21/1	1/2013	
TITLE	CONDENSER FO	R REFRIGERATOR	
PRIORITY NA			

DESIGN NUMBER		258347	
CLASS		07-05	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	DOM OF THE NETH	ERLANDS, RESIDING AT	
DATE OF REGISTRATION	25	5/11/2013	
TITLE	ELECT	RIC DRY IRON	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	C
002256420-0001	17/06/2013	OHIM	Concentration of a DEPART
DESIGN NUMBER		258140	
CLASS		12-09	3
1)CLAAS KGAA MBH, MÜNSTERSTRASSE 33, 33428 H.			
DATE OF REGISTRATION	13	8/11/2013	
TITLE	TRACTOR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
02238972	17/05/2013	OHIM	
DESIGN NUMBER		253427	
CLASS		10-05	
1)BHARAT HEAVY ELECTRICA OFFICES AT REGIONAL OPERAT BLOCK, 3RD FLOOR, KARUNAMO HAVING ITS REGISTERED OFFIC AT BHEL HOUSE SIRI FORT, NE COMPANY.			
DATE OF REGISTRATION	25	5/04/2013	
TITLE	TESTING DEVICE FOR INTEGRATED CIRCUITS		
PRIORITY NA]

DESIGN NUMBER		258380		
CLASS		31-00		
1)CROMPTON GREAVES LIM AVANTHA HOUSE, DR. ANN MAHARASHTRA, INDIA; AN INI	IE BESANT R	OAD, WORLI, MUMBAI-400030, NY		
DATE OF REGISTRATION		26/11/2013		
TITLE		BASE MIXER GRINDER		
PRIORITY NA				
DESIGN NUMBER	253766 (R.D NO 246323 DATD 06/01/2012 RP. DT.06/02/2013U/SEC.6)		
CLASS		14-03		
1)SAMSUNG ELECTRONICS (129, SAMSUNG-RO, YEONGT REPUBLIC OF KOREA, A COMPA	ONG-GU, SU	WON-SI, GYEONGGI-DO, 443-742, JBLIC OF KOREA		
DATE OF REGISTRATION		09/05/2013		
TITLE	PORTA	BLE COMMUNICATION TERMINAL		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
30-2013-0006489	06/02/2013	REPUBLIC OF KOREA	. 🤍	
DESIGN NUMBER		258779		
CLASS		13-03	22	
1)M/S G. M. MODULAR PVT. I 405/406, SHALIMAR MORYA ANDHERI (WEST), MUMBAI-400	PARK, BEHIN	ND HYUNDAI SHOWROOM,	9 H	
DATE OF REGISTRATION		17/12/2013		
TITLE		ER FOR CONTROLLING CURRENT, TAGE & SPEED OF ELECTRONIC DEVICES		
PRIORITY NA				