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का
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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

1st FEBRUARY, 2013

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**THE PATENT OFFICE
KOLKATA, 01/02/2013**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1	<p>Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <p>❖ Rest of India</p>
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh.</p>		

Website: www.ipindia.nic.in
www.patentoffice.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
कोलकाता, दिनांक 01/02/2013
कार्यालयों के क्षेत्राधिकार के पते
**विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ
नीचे दिए गए हैं :-**

1	<p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु इंगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p>
2	<p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	5	<p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
3	<p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>		

वेबसाइट: <http://www.ipindia.nic.in>

www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

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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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2174/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMPROVED ELECTROMECHANICAL DEVICE FOR CAPTURING SOLAR RADIATION AND A METHOD THEREOF

(51) International classification

:F24J2/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)PUNDIR SHISH PAL SINGH

2)SINGH VISHAL

3)AGGARWAL KISHORE

4)SWAMI RAKESH

(57) Abstract :

This invention relates generally to a system and method of solar tracking. More particularly the present invention relates to an improved electromechanical device for capturing solar radiation and a method thereof. It can be used in any type of application like solar PV, Solar Thermal, Solar Radiation Measuring station, Natural Lighting etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/08/2012

(21) Application No.2573/DEL/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AIR CONDITIONING SYSTEM USING ENTHALPY OF SOLAR ENERGY FOR ITS OPERATION

(51) International classification

:F24F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NTPC Ltd.

Address of Applicant :NTPC Bhawan SCOPE Complex 7
Institutional Area Lodi Road New Delhi 110 003 India

(72)Name of Inventor :

1)SHASWATTAM

2)GOSWAMI Neeraj;

3)ROHANKAR Nishant;

(57) Abstract :

This invention relates generally to heating, ventilation air conditioning systems suitable for industrial or commercial applications.

More particularly the present invention relates to an air conditioning system using enthalpy of solar energy for its operation.

Additionally this machine is configured to function for lean/non sun period.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/09/2012

(21) Application No.2844/DEL/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ROBOTIC DEVICE FOR TUBE SURFACE INSPECTION IN A COIL AND A METHOD THEREOF

(51) International classification

:B25J

9/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NTPC Ltd.

Address of Applicant :NTPC Bhawan SCOPE Complex 7
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(72)Name of Inventor :

1)MOHINDRU Anil Kumar;
2)GOEL Kamlesh Kumar;
3)AGGARWAL Kishore;
4)GUPTA Badri Vishal;

(57) Abstract :

The present invention provides a robotic device for tube surface inspection in a coil and a method thereof. In contrast to known prior arts the present invention provides a very simple and accurate device for defect detection. A pair of crawlers, one of said crawlers adapted to move horizontally and other adapted to move vertically on a guide channel; a plurality of video capturing means mounted on said crawlers to capture tube surface; a transmission means to transmit video signal from said video capturing means; a control unit configured to control movement of said crawlers and adapted to receive said signal; said signal received at said control unit further examined by an operator to detect any defect present on said tube surface. It can be effectively used for defect detection in Boiler, Heat Exchanger etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/12/2012

(21) Application No.3798/DEL/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTROL STRATEGY OF OPTIMUM CNG FUEL INJECTION FOR BSEC IMPROVEMENT AND EMISSION (CO₂ AND NO_x) REDUCTION OF A DUAL FUEL STATIONARY DIESEL ENGINE

(51) International classification

:F23N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :HAUZ KHAS, NEW DELHI - 110016,
INDIA

(72)Name of Inventor :

1)SUBRAMANIAN, KALLIPATTI, ARUMUGAM

2)KHATRI, DARYAO, SINGH

(57) Abstract :

The present invention relates to a device and system with control strategy for optimum CNG fuel injection and Emission Reduction of a Dual Fuel Stationary Diesel Engine employing retrofit injection based gas injection system comprising of a closed loop control system for automatic and accurate control of CNG injection based mainly on input of alternator current, voltage and such other signals as inputs into an Electronic Control Unit (ECU) to control CNG injection duration under dual fuel operation and for additional injection with independent control of two fuels wherein the gas injection quantity has been optimized by controlling the duration of injection under different load conditions.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2013

(21) Application No.108/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DUAL POWERED RENEWABLE ENERGY AUTOMOBILE

(51) International classification	:b60k	(71) Name of Applicant : 1)NATESAN KANNUSAMY PILLAI RAMALINGAM Address of Applicant :NO. 37, ANNA STREET, KANAGAM, TARAMANI, CHENNAI, PIN CODE: 600 113 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Fuel Engine normally drives the propeller shaft. Here in this Dual Powered Renewable Energy Automobile, the Fuel Engine (1) can be neutralized and the Propeller Shaft (5) can be released, so that the Electric Motor (2) can be started which in turn rotates the Propeller Shaft (5) and hence the car is driven. As the Electric Motor (2) drives the Propeller Shaft (5), the Differential (6) gets drove and in turn drives the Rear Wheels. The Differentials Outlet Bevel Gear (7), as shown in the Fig.1, also gets rotated and the Bevel Gear (8) gets rotated to rotate the Gear Box (9), where the Gear Box drives the Alternator (11) resulting in electric power generated and stored in Batteries (12). Consistent Power Generating Alternator: The Electric Power is consistently generated during either of the two mechanisms, Fuel Engine Powered and Electric Motor Powered. Also as there is a Gear Box (9) set up, prior to the Alternator, Electricity keeps generating even when the vehicle is driven slowly, as the Gear Box (9), is tend to raise the RPM to the Alternator (11).

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2013

(21) Application No.112/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MECHANICAL DEVICE ATTACHMENT FOR IMPROVED DISPERSIVE QUALITY IN TWO-ROLL RUBBING MIXING MILL

(51) International classification	:b01f	(71) Name of Applicant :
(31) Priority Document No	:NA	1)REGISTRAR, ANNA UNIVERSITY CHENNAI
(32) Priority Date	:NA	Address of Applicant :THE DIRECTOR, CIPR, CPDE
(33) Name of priority country	:NA	BUILDING, ANNA UNIVERSITY, CHENNAI - 600 025 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)A. AAMIR HUSSAIN
Filing Date	:NA	2)K. V. JANARDHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Rubber mixing involves blending of soft visco-elastic solids, powdery additives, fillers and viscous fluids which are more time consuming and laborious. Operator skill is necessary for improved and reproducible quality of rubber mixing. The present invention is a multiple-point cutting bar attached beneath the front roll of the two roll rubber mill between the collection tray and the front roll. The cutting bar is positioned such that it continuously cuts the surface of the banded rubber to produce tongues. All these cuts facilitate proper incorporation, distribution and dispersion of fillers in the rubber. Hence the role of the operator is essentially reduced to ensuring the proper addition of fillers or additives into the rolling bank, and to engage/disengage the cutting bar. The setup can be easily detached from the rubber mill and used to any other mill of same kind.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/01/2013

(21) Application No.275/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPLICATION OF HUMAN ENERGY FOR POWER GENERATION FROM THE ELECTRICAL GYM-GEN BICYCLE WHICH IS USEFUL FOR RURAL HOME LIGHTING NEEDS

(51) International classification

:B62M

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)SURESH NANJAIAH

(72)Name of Inventor :

1)NANJAIAH LAKKANNA GOWDA

2)SURESH NANJAIAH

(57) Abstract :

The concept now thought of is to gym and generate power. The versatile machine is found to work on bicycle pedal principle. Even in the rural areas regular bicycle is commonly used for movement from place to another place and particularly the school going boys and girls. The present machine system proposed to develop is a modified version of gym pattern and hence can be termed as GYM - gen machine. The gym frame model incorporated with pedal, rotary transmission system to enhance speed and the efficient permanent magnet low speed alternator is the unique system for dual purpose of gym & generate power. The stationary machine can be placed any where on the level surface and operate at any time of the day irrespective of the seasons and by interval operation by 3 to 4 persons the power generations is maximum. The machine is simple, handy, rugged, maintenance free and easy to use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4517/CHE/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPACT SOAP SAVING ATTACHMENT AND A HOLDER FOR THE SAME

(51) International classification	:A47K	(71) Name of Applicant : 1)MR. ZAHIR SALIM SIYO Address of Applicant :CHELANKARA HOUSE, VAVAD.P.O, 673 572-PIN, KOZHIKODE DISTRICTT Kerala India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compact soap saving attachment (Figure 7) and a holder for the same has been disclosed. The soap saving attachment that is essentially a cup like structure with or without flaps is integrated with one of the surfaces of the bar of soap during the manufacturing process to keep it above from the drained water. This attachment remains a part of the bar of soap during its entire use and helps in keeping the bar of soap dry after each use, thereby helping in minimizing the wastage of soap and in maintaining a neat appearance to bath rooms or wash rooms. The soap saving attachment with the bar of soap can stand alone or it can be fixed on compact holders for better stability and aesthetic appearance. Different configurations of the soap saving attachment and complementary holders for them such as wall mounting or stand alone types are described.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2013

(21) Application No.104/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CHILD ABUSE/CARE SURVEILLANCE/TRACKING SYSTEM

(51) International classification	:g08b
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PHANI MADHAVI CHIVUKULA

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695 035 Kerala India

2)ALLEN GOPAL

(72)**Name of Inventor :**

1)PHANI MADHAVI CHIVUKULA

2)ALLEN GOPAL

(57) Abstract :

This invention relates to the preparation of a child/domestic surveillance/tracking system using voice signals. In the society we live in today, growth of urbanization and nuclear families and rising costs of living, both the parents in the educated middle classes, in order to make both ends meet comfortably, as well as to ensure right and prosperous future for their children, go to work. Lack of organized creche facilities at the place of their work, makes them employ baby sitters to take care of their infants and children. To ensure proper supervision and management of effective performance of the baby sitters and to take necessary corrective measures if any, in time, calls for a fool proof child care tracking system. This is an effort in that direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2013

(21) Application No.135/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MULTI JOB SHAPER MACHINE

(51) International classification	:b23q	(71) Name of Applicant : 1)JAGANNATH.R Address of Applicant :NO. 3, 2ND STREET KAMARAJA NAGAR, N. K. ROAD, THANJAVUR 613 006 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)JAGANNATH.R
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 :

Shaper machine is a machine tool which uses reciprocating motion of the single point cutting tool over the stationary workpiece to machine the workpiece. The return stroke is non-working stroke in the conventional shaper machines. A new shaper machine has been conceived in which return stroke is also working stroke. And, this machine has thirty two cutting tools and these cutting tools can cut maximum of sixteen workpieces at a time. Since, thirty two cutting tools are in action at any point of time, it is considered to be equivalent to thirty two individual conventional shaper machines. Two versions of machine are conceived, one is called the full version which is a thirty two conventional machine equivalent and the other is called as simplified version, which is four individual shaper equivalents. Also, machine has designed to consume only the necessary power required to machine the workpiece according to the material strength. For example, aluminium requires lesser power to machine than cast iron.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING A REAL TIME COMMUNICATION BETWEEN USERS BASED ON FACIAL RECOGNITION

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INVNTN WIRELESS SOLUTIONS (P) LTD
(32) Priority Date	:NA	Address of Applicant :NO.538, NANDAN ACHARYA
(33) Name of priority country	:NA	LAYOUT, BASAVANAGUDI, RV ROAD, GARUTHMAN
(86) International Application No	:NA	PARK, BANGALORE - 560 004 Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SRINIVAS ANNAMBHOTLA
(61) Patent of Addition to Application Number	:NA	2)ROOP KUMAR REDDY TAMANAMPUDI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the present invention are directed towards a method and system for establishing a real time communication between users based on facial recognition. The method includes transmitting a data packet with a frame of an image including a face of a second user captured by a first handheld network device of a first user, a current operating location of the first handheld network device, and a unique identifier associated to the first handheld network device to a remote processing unit. The method further includes processing the data packet to identify the second user by retrieving one or more subset of images stored in the database module and leveraging the current operating location. Further the method includes notifying an approval request to the second handheld network device for seeking an approval of the second user and transmitting a approval to the remote processing unit to share the personal information of the second user with the first handheld network device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2013

(21) Application No.50/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SEMI AUTOMATIC SIDE STAND RETRACTOR

(51) International classification	:b60g
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)M. SWAMINATHAN

Address of Applicant :NO. 112, GULMAHAL ST, POONGA NAGAR, THIRUVALLUR - 602 001 Tamil Nadu India

(72)Name of Inventor :

1)M. SWAMINATHAN

(57) Abstract :

It provides safer driving in all situations. This will reduce the unwanted distraction and disturbance while driving.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2012

(21) Application No.5477/CHE/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM FOR GENERATING STEAM

(51) International classification	:F22B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BABU Sudarshan Anantharam
Address of Applicant :S/o ANANTHARAM.A.S NEAR
NAGAMUNESHWARA TEMPLE #115 SREE
SUBRAMANYA NILAYA P.S. LAYOUT KOTE
HOSAKOTE BANGALORE RURAL DIST-562114
KARNATAKA Karnataka India

(72)**Name of Inventor :**
1)BABU Sudarshan Anantharam

(57) Abstract :

A system for generating steam includes a steam generation unit (104). The steam generation unit (104) comprises a plurality of immersed water pipes (804) and a steam generator core (806). The immersed water pipes (804) are configured to receive water to be heated. The steam generator core (806) is configured to receive heat retention material receive the immersed water pipes (804) wherein the immersed water pipes (804) are immersed in the heat retention material received by the steam generator core (806) and be heated by combustion of fossil fuel thereby heating the heat retention material which in turn heats the water in the immersed water pipes (804) thereby generating steam.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/01/2013

(21) Application No.62/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD OF USING AUDIO CLIPS OF ADVERTISEMENTS AS HELLO TUNES FOR MOBILE PHONES

(51) International classification	:g06q	(71) Name of Applicant : 1)DALAWAI, BHARAMAGOUDA Address of Applicant :1ST FLOOR, PLOT NO. 48, ARUN COLONY, GOKUL ROAD, HUBLI - 580 030 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DALAWAI, BHARAMAGOUDA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of using audio clips of advertisements as hello tunes for mobile phones in which any advertiser can use this new form of commercial advertising. For this the advertiser has to upload the audio clip of his advertisement on the website providing this service and also fix a bid amount which he has to pay to the website. When a customer wishes to use an advertisement as his hello tune, he can visit the website and select the tune and ask his telephone service provider to make it his hello tune. For making the ad as his hello tune he gets paid either in cash or as discount in recharge or rental. This way the advertiser/service provider as well as the customer both benefit from this method of advertising.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.2009/CHE/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A LIQUID LPG SUPPLY SYSTEM AND A METHOD FOR SUPPLYING LIQUID LPG

(51) International classification	:F17C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TOTAL OIL INDIA PVT. LTD

Address of Applicant :NO. 138, GROUND & FIRST FLOOR,
RAHEJA PARAMOUNT, RESIDENCY ROAD, BANGALORE
- 560 025 Karnataka India

(72)**Name of Inventor :**

1)MR. S JAISHANKAR

2)MR. K MANJUNATH

3)MR. KOTBAGI, GIRISH B

(57) Abstract :

The present invention provides a LPG supply system for providing gas for heat generation at commercial establishments. The system involves use of large capacity cylinders with a view that gas flows of the order of 10kg/hr to 200 kg/hr are achieved with the use of two cylinders, each of a capacity of 990 litres. The system also used a gas distribution system so that the changeover from empty cylinder to the full is done either automatically using solenoid valves and pressure sensors or manually. In the case of a manual changeover operation, the changeover time is reduced by 50% as compared with the conventional multi-cylinder array systems that are presently used to achieve required gas flow rated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.32/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRICITY PRODUCTION USING MOTORIZED MACHINES, GEAR BOX AND GENERATOR

(51) International classification	:H01M, H02K	(71) Name of Applicant : 1)S. ARUN KUMAR Address of Applicant :15/8, FIRST CROSS STREET, C. I. T. COLONY, MYLAPORE, CHENNAI - 600 004 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)S. ARUN KUMAR
(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 :

When the motor is started the machine is run and the gear box is rotated and from the generator the electricity is produced

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.34/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRICITY PRODUCTION USING VEHICLE, GEAR BOX AND GENERATOR

(51) International classification

:H02K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)S. ARUN KUMAR

Address of Applicant :15/8, FIRST CROSS STREET, C. I. T. COLONY MYLAPORE, CHENNAI - 600 004 Tamil Nadu India

(72)Name of Inventor :

1)S. ARUN KUMAR

(57) Abstract :

When the vehicle is made to run at 40 km/hr the gear box is rotated and then the generator is run to produce 20 MW of electricity

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2013

(21) Application No.43/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TAGGING TELEPHONE NUMBERS OR E-MAIL ID'S WITH KEYWORDS

(51) International classification	:H04M	(71) Name of Applicant : 1)DALAWAI, BHARAMAGOUDA Address of Applicant :1ST FLOOR, PLOT NO. 48, ARUN COLONY, GOKUL ROAD, HUBLI - 580 030 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)DALAWAI, BHARAMAGOUDA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of tagging telephone numbers or e-mail ids with keywords and their subsequent search by the public. Here a contact owner adds his public/person/business/service details as a tag using keywords to his telephone number or e-mail id by visiting the website or by contacting the telephone service provider. These details are added with the tag in the web directory. When any other person who requires details regarding a particular public/ person/ business/ service, they can acquire it from the telephone service provider by searching on the internet or by sending SMS and receiving a reply from the service provider.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2012

(21) Application No.4746/CHE/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VOLUMETRIC REGULATION SYSTEM INTEGRATED WITH AN OVERFLOW CONTROL MECHANISM FOR USE IN LIQUID DISPENSING DEVICES

(51) International classification	:E03B, B01D	(71) Name of Applicant : 1)Eureka Forbes Ltd. Address of Applicant :No.42 P-3/C Haralukunte Munishwara Layout Kudlu Bangalore- 560068 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)Dr. M. Sathish Kumar 2)Mr. G. Mahesh 3)Mr. Cyril Fernandes
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A liquid regulating system having a base configured to accommodate a weight a blocker configured to move from a first position to a second position an actuating mechanism configured to be engaged with the blocker and the weight; and a regulating element configured to operate the weight. The weight in turn is configured to actuate the actuating mechanism to move blocker from the first position to the second position. The liquid regulating system further includes an over flow control mechanism having an extending portion and an over flow control valve. The overflow control valve is configured to operate the extending portion to move the blocker from the first position to the second position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.116/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FRAMEWORK FOR ACADEMIC AND SCIENTIFIC PROSE WRITING

(51) International classification	:g06f
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PREMKUMAR ELANGOVAN
Address of Applicant :NO. 54, SRI DHANALAKSHMI
NAGAR UPILIPALAYAM (P.O), COIMBATORE - 641 015
Tamil Nadu India

(72)Name of Inventor :

1)PREMKUMAR ELANGOVAN

(57) Abstract :

This invention is a system, method, tool and framework for writing academic and scientific prose in English. It comprises: a user interface which guides a user through the writing process by presenting with prose style and enhancement ideas. Style and enhancement ideas may be in the form of sentence templates, phrases and word recommendations, which are derived from previously published high quality documents, and other different means and forms of contributions from individuals, groups and entities. The framework can be effectively used by students or beginners to learn academic style of writing; by intermediate users to enhance their style of writing; and by experts to lookup for prose style ideas. This system may be used as an add-in for existing word processing tools; as a standalone computer based application software; as a web based user interface; or as a mobile application software. This invention has a wide variety of useful applications, particularly, to non-native English speaking students, researchers and academics.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.31/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRIC VEHICLE CHARGING USING ELECTRICITY PRODUCED FROM GENERATOR IN THE VEHICLE

(51) International classification	:H01M, B60W
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1) S. ARUN KUMAR

Address of Applicant :15/8, FIRST CROSS STREET, C. I. T.
COLONY MYLAPORE, CHENNAI-600004 Tamil Nadu India

(72)**Name of Inventor :**

1) S. ARUN KUMAR

(57) Abstract :

When the motor is started the machine is run and the gear box is rotated and from the generator the electricity is produced. This electricity produced in the vehicle can be used to charge the battery of the electric vehicle

No. of Pages : 4 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.33/CHE/2013 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRICITY PRODUCTION USING MOTORIZED WIND MILL, GEAR BOX AND GENERATOR

(51) International classification	:F03D	(71) Name of Applicant : 1)S. ARUN KUMAR Address of Applicant :15/8, FIRST CROSS STREET, C. I. T. COLONY MYLAPORE, CHENNAI-600004 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)S. ARUN KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When the motor is started the motorized wind mill is rotated and the electricity is produced

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/11/2012

(21) Application No.4658/CHE/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LASER MICROWAVE ENHANCED DIFFRACTION IMAGING OF (VISIBLE) OPTICAL STRUCTURAL ORIENTATION OF THE MOLECULE IN A LIQUID SAMPLE

(51) International classification	:G01N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)S. MANI MARAN
(32) Priority Date	:NA	Address of Applicant :86/98B-SERUVANGI AVVAI NAGAR, GUDIYATTAM 632 602 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)S. MANI MARAN
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 basic structure of a chemical compounds can be determined optical image without using any cumbersome softwares or computers. LMEI offers high resolution optical images of an atom, with which have not available existing instruments till date. For identification of unknown samples when compared to reference optical image, identifies the compound or measuring atomic radius of an atom. The ability of this instrument allows instant identification of micro samples down to pico meter level in all cases, making LMEI as a superior tool in chemical analysis, this LMEI technique indirectly optical microscopy having very high resolution and sensitivity that reveals atoms, electrons are optically visible. LMEI relies on the fact that the most molecules absorbs light in the IR region of the electromagnetic spectrum, along with microwave enhanced absorption results in chemical shift specifically individual group of atoms offers excites rendered visible image is characteristic of the molecule present in the liquid sample.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.136/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 01/02/2013

(54) Title of the invention : FEED BAG CONSTRUCTION

(51) International classification	:B01L 3/00
(31) Priority Document No	:61/271,667
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/001768 :18/06/2010
(87) International Publication No	:WO 2011/011035
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)MILLIPORE CORPORATION

Address of Applicant :290 CONCORD ROAD, BILLERICA,
MASSACHUSETTS 01821, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)DENNIS WONG

2)ELIAS NOUKAS

3)KRISTIN PRESCOTT

4)BRIAN PEREIRA

(57) Abstract :

A feed bag construction is provided comprising a feed bag, a first conduit sealed to the feed bag, a second conduit sealed to the interior of the feed bag for supplying wash reagent to the feed bag and a one piece cap that is removably mounted on the first conduit. The first conduit is provided with a hand operated butterfly valve to open or close the conduit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.147/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ADHESIVE PATCH WITH ENZYME

(51) International classification	:C12N 9/64	(71) Name of Applicant :
(31) Priority Document No	:PA 2009 70070	1)COLOPLAST A/S
(32) Priority Date	:17/07/2009	Address of Applicant :HOLTEDAM 1, DK-3050
(33) Name of priority country	:Denmark	HUMLEBACK, DENMARK
(86) International Application No	:PCT/DK2010/050188	(72) Name of Inventor :
Filing Date	:14/07/2010	1)SANNE HARTELius LARSEN
(87) International Publication No	:WO 2011/006508	2)LEONARDO MALCOVATI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adhesive patch for the removal or thinning of keratinaceous tissue comprising a backing layer covered on one side by an adhesive layer and an enzyme material comprising salmon zonase. The enzyme material selectively attacks the keratin, but not living cells.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.148/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A MEDICAL DEVICE OF POLYOLEFIN

(51) International classification	:A61L 27/34
(31) Priority Document No	:PA 2009 70076
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050198
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/012137
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COLOPLAST A/S

Address of Applicant :HOLTEDAM 1, DK-3050
HUMLEBACK, DENMARK

(72)Name of Inventor :

1)HENRIK LINDENSKOV NIELSEN

(57) Abstract :

The application discloses a method for the preparation (by extruding, injection moulding or powder coating and subsequent cross-linking by irradiation with UV or visible light) of a medical device element involving a coating composition comprising (a) hydrophilic polymer(s) and (b) low molecular weight scaffold(s) having a plurality of photo-initiator moieties co-valently linked thereto and/or covalently incorporated therein, wherein the photo- initiator moieties constitute 0.01-20 % by weight of the combined amount of the hydrophilic polymer(s) and the low molecular weight scaffolds. The application further discloses such extruded, injection moulded or powder coated medical devices having thereon a layer of a covalently cross-linked coating composition of a hydrophilic polymer and a low molecular weight scaffold having a plurality of residues of photo-initiator moieties.

No. of Pages : 63 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.150/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ENERGY SAVING DEVICE AND METHOD FOR COOLING AND HEATING APPARATUS

(51) International classification	:F25B 49/02
(31) Priority Document No	:09105077.6
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Hongkong(China)
(86) International Application No	:PCT/IB2010/001354
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/140056
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ACE ACTION LIMITED

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CHINA

(72)**Name of Inventor :**

1)MOORE, KEVIN, D., M.

(57) Abstract :

An energy saving device, a heating/cooling system and a method for controlling a heating/cooling system control the on/off state of an apparatus which is used for heating or cooling a working medium. A timer (24) has an adjustable timer value and provides a signal for controlling the on/off state of the apparatus. A temperature sensor (21) measures temperature of the working medium. A controller (20) adjusts the adjustable timer value in response to changes in temperature of the working medium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.151/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AIR VEHICLE

(51) International classification	:B64C 39/02
(31) Priority Document No	:199230
(32) Priority Date	:08/06/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/000435
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/143179
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELTA SYSTEMS LTD.

Address of Applicant :100 YITZCHAK HANASSI BLVD.,
P.O.B. 330, 77102 ASHDOD ISRAEL

(72)Name of Inventor :

1)PRATZOVNICK ARIE

2)RON SHMUEL

(57) Abstract :

A sensor/emitter arrangement is integrated into the fuselage structure of a specially designed air vehicle, in which the air vehicle is configured for optimizing operation of the sensor/emitter arrangement with respect to at least azimuthal lines of sight radiating along a azimuthal reference plane of the air vehicle. The azimuthal reference plane intersects the air vehicle fuselage. In at least some embodiments, the fuselage is formed with a plurality of oblate cross-sections that facilitate maximizing the room available for a sensor/emitter array that is elongated along an elongate axis that may be aligned with the azimuthal reference plane. In at least some embodiments one or more such elongate axes may be inclines to the longitudinal (roll) axis and the pitch axis of the air vehicle. In at least some embodiments, the air vehicle may have a blunt aft end incorporating an elongate aft-facing sensor/emitter array.

No. of Pages : 90 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

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

(43) Publication Date : 01/02/2013

(54) Title of the invention : TALAROMYCES STRAINS AND ENZYME COMPOSITIONS

(51) International classification	:C12N 1/14
(31) Priority Document No	:09164516.8
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/059483
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/000949
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B. V.

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(72)Name of Inventor :

1)PERKINS, JOHN B.

2)KUMAR, MANOJ

3)VAN ZIJL, MARGRIETA FREDERIQUE KIM

4)VOLLEBREGT, ADRIANUS

5)SARANTINOPoulos, PANAGIOTIS

(57) Abstract :

The present invention relates to Talaromyces strains. The invention further relates to enzyme compositions, which may be produced by the Talaromyces strains. Further the invention relates to methods for producing useful products from lignocellulosic material using the enzyme compositions.

No. of Pages : 102 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.133/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : 3-PHENOXYMETHYL PYRROLIDINE COMPOUNDS

(51) International classification	:C07D 207/08
(31) Priority Document No	:61/225,074
(32) Priority Date	:13/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041654
Filing Date	:12/07/2010
(87) International Publication No	:WO 2011/008666
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ERIC L. STANGELAND

2)DAISUKE ROLAND SAITO

3)ADAM HUGHES

4)JANE SCHMIDT

5)PRISCILLA VAN DYKE

6)LORI JEAN PATTERSON

(57) Abstract :

In one aspect, the invention relates to compounds of formula I: (I) where R1-6 are as defined in the specification, or a pharmaceutically acceptable salt thereof. The compounds of formula I are serotonin and norepinephrine reuptake inhibitors. In another aspect, the invention relates to pharmaceutical compositions comprising such compounds; methods of using such compounds; and process and intermediates for preparing such compounds.

No. of Pages : 116 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.138/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONNECTING SOLAR CELL TABS TO A SOLAR CELL BUSBAR AND A SOLAR CELL SO PRODUCED

(51) International classification	:H01B 1/24
(31) Priority Document No	:20092381
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000249
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/151148
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONDALIGN AS

Address of Applicant :INSTITUTTV. 18, N-2007 KJELLER,
NORWAY

(72)Name of Inventor :

1)ELDRID SVASAND

2)MARK BUCHANAN

3)MATTI KNAPPILA

4)GEIR HELGESEN

(57) Abstract :

The invention concerns the use of an adhesive for connecting or replacing a solar cell tab and a solar cell busbar of a solar cell, where the adhesive, comprising a dispersion of a matrix and conductive particles, is made conductive in an alignment step performed after the adhesive has been applied.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.152/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : THERAPEUTIC PEPTIDES, POLYPEPTIDES AND NUCLEIC ACID SEQUENCES

(51) International classification	:G01N 33/574
(31) Priority Document No	:0912155.9
(32) Priority Date	:13/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001335
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/007130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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GREAT BRITAIN U.K.

(72)**Name of Inventor :**

1)MORGAN, RICHARD

2)PANDHA, HARDEV, S.

(57) Abstract :

Described are isolated peptides (GLGGGDLSV, SLNESQIKI, LMLPAVLQA and FTAEQLQRL) derived from portions of the Engrailed-2 (EN2) protein. Also described is their use in therapy, in particular in relation to the prevention and treatment of cancer.

No. of Pages : 40 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.162/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR PREPARING A PERFUME PARTICLE

(51) International classification	:C11D 3/50
(31) Priority Document No	:61/224,159
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041141
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/005816
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GUILLARD, NICOLAS

2)CALDWELL, STUART, ANDREW

3)SAYERS, EDWARD

(57) Abstract :

The present invention relates to a process for preparing a perfume composition, the process comprising the steps of; (a) contacting a perfume ingredient with a molten material to form a pre-mix; (b) contacting the pre-mix with a first solid material to form a soft-solid intermediate high active perfume material; (c) solidifying the molten material to form a hardened-solid intermediate high active perfume material; (d) contacting the hardened-solid intermediate high active perfume intermediate material with a second solid material to form a perfume composition, wherein the ratio of the wt% amount of perfume ingredient present in the hardened-solid intermediate high active perfume material to the wt% amount of perfume ingredient present in the perfume composition is greater than 1.5:1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.178/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR MANUFACTURING HOT-RUNNER SYSTEM

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/232,042
(32) Priority Date	:07/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043900
Filing Date	:30/07/2010
(87) International Publication No	:WO 2010/017217
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)KEITH CARLTON

2)DINESH BUDAPANAHALLI

3)GERARDO CHIAIA

(57) Abstract :

Disclosed is a method (100) of manufacturing a hot-runner system. The method (100) includes: a shipping operation (106), including shipping a partially constructed hot-runner component to a business entity, the business entity to build, at least in part, the hot-runner system using the partially constructed hot-runner component, the business entity to ship the hot-runner system to an end user, and the end user to use the hot-runner system in a molding system, the partially-completed hot-runner component being manufactured, at least in part, based on engineering data related to the partially-completed hot-runner component, and the engineering data being prepared, at least in part, the engineering data being related to the partially-completed hot-runner component, the partially-completed hot-runner component to be used in the hot-runner system.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.123/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CHEMICAL MODIFICATION MOTIFS FOR MIRNA INHIBITORS AND MIMETICS

(51) International classification	:C07H 21/04
(31) Priority Document No	:61/185,033
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037821
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144485
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MIRAGEN THERAPEUTICS

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(72)Name of Inventor :

1)YAMADA, CHRISTINA

2)MARSHALL, WILLIAM S.

(57) Abstract :

The present invention provides polynucleotides having chemistry patterns that provide for improved stability, potency, and/or toxicity relative to their use as miRNA inhibitors or miRNA mimetics. The invention further provides pharmaceutical compositions and formulations comprising the polynucleotides, and methods for treating patients having a condition associated with miRNA or mRNA expression.

No. of Pages : 109 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.14/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MULTI-STRAND CORD IN WHICH THE BASIC STRANDS ARE DUAL LAYER CORDS, RUBBERISED IN SITU

(51) International classification	:D07B 1/06
(31) Priority Document No	:0954595
(32) Priority Date	:03/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059525
Filing Date	:05/07/2010
(87) International Publication No	:WO 2010/000964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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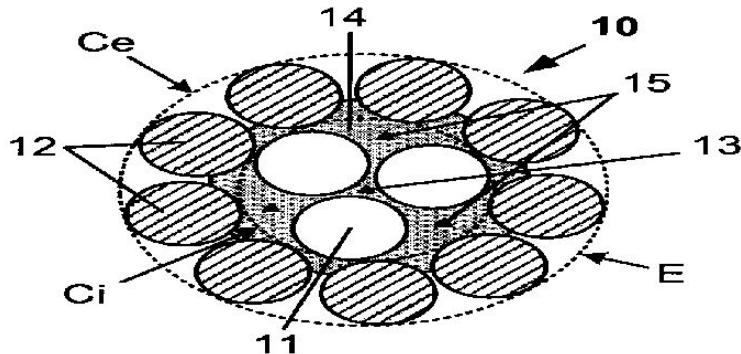
(72)Name of Inventor :

1)JACQUES GAUTHIER
2)HENRI BARGUET
3)SANDRA BOISSEAU
4)THIBAUD POTTIER

(57) Abstract :

Multistrand metal cord of Kx(L+M) construction, which can especially be used for reinforcing tyre belts for industrial vehicles, consisting of K elementary strands assembled in a helix, with a helix pitch PK, each elementary strand: o consisting of a cord (10) having two layers (Ci, Ce) of L+M construction, rubberized in situ, comprising an inner layer (Ci) consisting of L wires (11) of diameter d1, L varying from 1 to 4, and an outer layer (Ce) of M wires (12), M being equal to or greater than 5, of diameter d2, which are assembled in a helix with a pitch p2 around the inner layer (Ci); and o having the following characteristics (d1, d2 and p2 being expressed in mm): - 0.10 <d1< 0.50; - 0.10 <d2< 0.50; - 3<p2

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.140/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OSTEOTOMY PLATE, PLATE DRIVER AND METHOD FOR THEIR USE

(51) International classification	:A61B 17/56
(31) Priority Document No	:61/270,486
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001936
Filing Date	:09/07/2010
(87) International Publication No	:WO 2011/005327
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)JEFFREY JOHNSON

2)DAVID B. KAY

3)JACKSON R. HEAVENER

(57) Abstract :

An orthopedic plate is specifically configured for use in osteotomies, in which part of the plate extends into a portion of a first bone segment and part is external to the cortical surface of an adjacent bone segment to fix the segments to allow them to fuse. The plate has a first end and a second end where the end which is inserted into the bone has a chamfer and a through hole having a hole axis optionally at an oblique angle to the longitudinal axis of the plate, and which can receive a screw, peg or pin. The second end of the plate includes a locking screw hole and optionally including a compression slot extending in a direction toward a screw hole in the opposing end. A plate driver having a recess that holds the plate is used to insert the plate into the bone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.160/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LAYERED PARTICLES AND COMPOSITIONS COMPRISING SAME

(51) International classification	:C11D 3/39
(31) Priority Document No	:61/224,173
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041172
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/005833
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SOMERVILLE ROBERTS, NIGEL, PATRICK

2)BROOKER, ALAN, THOMAS

3)PARMLEY, DAVID, JAMES

4)REID, VICTOR, STUART

(57) Abstract :

Layered particles that contain a source of hydrogen peroxide, a binder material, and a bleach activator and a method of improving the stability of a source of hydrogen peroxide. The layered particles can be incorporated into granular detergent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.18/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A MINE SCHEDULING SYSTEM

(51) International classification	:E21C 41/00
(31) Priority Document No	:2009902750
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/00732
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/142001
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TECHNOLOGICAL RESOURCES PTY LIMITED

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(72)Name of Inventor :

1)BARON, ALISTAIR

(57) Abstract :

A system for scheduling mine activities is disclosed. The system comprises a plurality of sources of operational data indicative of scheduling relevant information associated with a plurality of mine operations, at least some of which are interdependent, a scheduling facility remotely disposed relative to the mine operations, the scheduling facility comprising at least one display, and a communications network arranged to facilitate transfer of the operational data from the mine operations to the scheduling facility. The scheduling facility is arranged to use the operational data to display scheduling relevant information indicative of the status of a production workflow such that a scheduling operator at the scheduling facility is provided with an overview of production workflow across at least the interdependent mine operations.

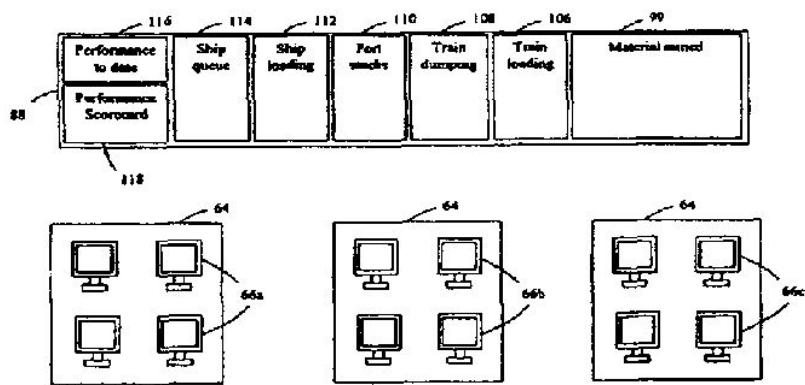


Fig. 4

No. of Pages : 80 No. of Claims : 141

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.124/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SEPARATION AND/OR PURIFICATION OF PNEUMOCANDIN B0 FROM C0

(51) International classification	:A61K 38/12
(31) Priority Document No	:61/233,838
(32) Priority Date	:14/08/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NO2010/000301
Filing Date	:11/08/2010
(87) International Publication No	:WO 2011/019285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)BRUNSVIK, ANDERS

(57) Abstract :

The present invention concerns a method for separation of the antifungal cyclic hexapeptides Pneumocandin B0 from Pneumocandin C0 using a hydrophilic stationary phase and a hydrophobic mobile phase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.137/DELNP/2012 A

(43) Publication Date : 01/02/2013

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

(51) International classification	:G06F 17/30
(31) Priority Document No	:2009-165391
(32) Priority Date	:14/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059678
Filing Date	:08/06/2010
(87) International Publication No	:WO 2011/007631
(61) Patent of Addition to Application Number	:NA
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(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MASAAKI ISOZAKI

3)WATARU ONOGI

4)KAZUO ISHII

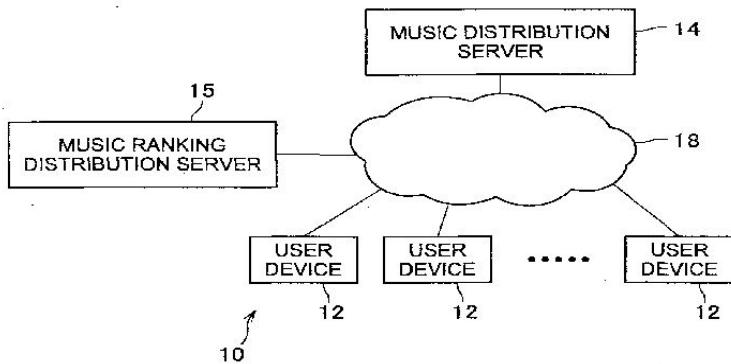
5)NOZOMU IKEDA

6)YOSHIKAZU TAKAHASHI

(57) Abstract :

The content recommendation system includes a user attribute information acquisition means for acquiring attribute information of a given user, a list acquisition means for acquiring at least one list from among lists of content sequentially generated over time on the basis of the attribute information of the given user acquired by the user attribute information acquisition means, a user preference information acquisition means for acquiring user preference information, which is feature information of content preferred by the given user, a content extraction means for extracting some content from content included in the list acquired by the list acquisition means on the basis of the user preference information acquired by the user preference information acquisition means, and a content presentation means for presenting the content extracted by the content extraction means to the given user. Representative Drawing Fig. 1

FIG.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.143/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STRAIN SENSOR

(51) International classification	:G01G 3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/005544
Filing Date	:17/07/2009
(87) International Publication No	:WO 2011/006523
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HENDRIK ANNE MOL

2)JOHN VAN DE SANDEN

3)LAURENS VERHULST

(57) Abstract :

The present invention defines a strain sensor for measuring strains induced on a component surface (34). The strain sensor comprises a strain gauge (31) and a support member (32), whereby the support member is attached to the component surface only at first and second attachment places. The support member comprises a beam portion (39) that is adapted to bend in response to a relative displacement of the first and second attachment places, and the strain gauge is integrated on a surface (33) of this beam portion. To ensure a strong and stable bending response of the beam portion, the attached support member comprises at least one flexure hinge (45). Figure 3

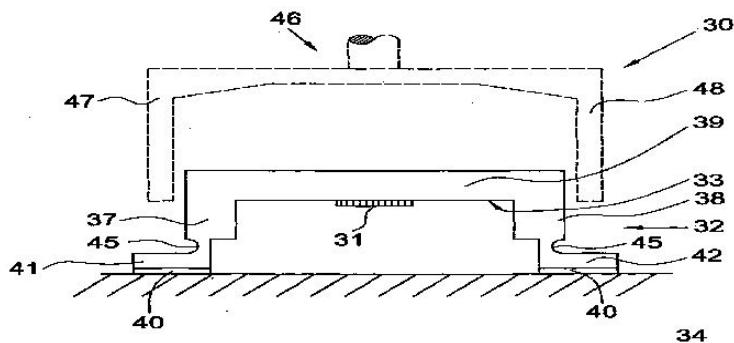


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.154/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HIGH-LEAD CONTENT GLASS

(51) International classification	:C03C 3/102
(31) Priority Document No	:PV 2009-373
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Czech Republic
(86) International Application No	:PCT/CZ2010/000068
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/142256
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRECIOSA A.S.

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(72)Name of Inventor :

1)KORENSKY, JAN

2)SAZAVOVA, KVETA

3)JIRI, VAVRENA

(57) Abstract :

High-lead content crystal glass shows with advantage the retraction index higher than 1.58, high light transmission, increased mechanical solidity and chemical resistance is suitable, especially, for the production and refinement of glass jewellery products, decorative and utility objects, including chandelier trimmings and semi-finished products. This glass contains, presented in % wt., 48 to 53 % of silica SiO₂, 30 to 33 % of lead monoxide PbO, 10 to 13 % of the sum of potassium oxide and sodium oxide K₂O + Na₂O, 1 to 3 % of calcium oxide CaO, 0.5 to 1 % of zinc oxide ZnO, 0.5 to 1 % of boron trioxide B₂O₃, less than 0.3 % of barium monoxide BaO, less than 0.3% of aluminium oxide Al₂O₃, 0.2 to 0.5 % of antimony trioxide Sb₂O₃, 0.007 to 0.01 % of oxides of iron.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.181/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRONIC DEVICE INCLUDING GRAPHENE-BASED LAYER(S), AND/OR METHOD OF MAKING THE SAME

(51) International classification	:H01L 31/0224	(71) Name of Applicant :
(31) Priority Document No	:12/461,349	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:07/08/2009	Address of Applicant :2300 HARMON ROAD, AUBURN HILLS, MI 48326-1714, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/02016	1)VEERASAMY, VIJAYEN, S.
Filing Date	:16/07/2010	
(87) International Publication No	:WO 2010/016832	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain example embodiments of this invention relate to the use of graphene as a transparent conductive coating (TCC). In certain example embodiments, graphene thin films grown on large areas hetero-epitaxially, e.g., on a catalyst thin film, from a hydrocarbon gas (such as, for example, CoH₂, CH₄, or the like). The graphene thin films of certain example embodiments may be doped or undoped. In certain example embodiments, graphene thin films, once formed, may be lifted off of their carrier substrates and transferred to receiving substrates, e.g., for inclusion in an intermediate or final product. Graphene grown, lifted, and transferred in this way may exhibit low sheet resistances (e.g., less than 150 ohms/square and lower when doped) and high transmission values (e.g., at least in the visible and infrared spectra).

No. of Pages : 43 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.161/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTINUOUS PROCESS FOR MAKING A LAUNDRY DETERGENT COMPOSITION

(51) International classification	:C11D 11/00
(31) Priority Document No	:61/224,160
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/04118
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/005803
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)SOMERVILLE ROBERTS, NIGEL, PATRICK

2)TANTAWY, HOSSAM, HASSAN

(57) Abstract :

The present invention relates to a continuous process for making a solid particulate laundry detergent composition comprising the steps of: (a) forming a soft surfactant particle having a cake strength of from about 30N to about 200N; and (b) contacting said soft surfactant particle with a free-flowing heterogeneous particulate mixture comprising multiple chemically distinct detergent particle populations, wherein said free-flowing heterogeneous particulate mixture has a cake strength of from about ON to about 20N, wherein said free-flowing heterogeneous particulate mixture has a weight average particle size of from about 50 micrometers to 2000 micrometers, and wherein the ratio of (i) the cake strength of the soft surfactant particle in N to (ii) the time between step (a) and step (b) in minutes is in the range of from 6Nmin-1 to 2000Nmin-1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.177/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PHAGE Φ 29 DNA POLYMERASE CHIMERA

(51) International classification

:C12N 9/12

□(31) Priority Document No

:P 200930413

(32) Priority Date

:02/07/200□

(33) Name of priority country

:Spain

(86) International Application No

:PCT/ES2010/070454

Filing Date

:01/07/2010

(87) International Publication No

:WO 2010/000997

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)MIGUEL DE VEGA JOSE
3)JOSE M^a LAZARO BOLOS
4)LUIS BLANCO DAVILA
5)MARIO MENCIA CABALLERO**

(57) Abstract :

The present invention is encompassed within the biotechnology field. Specifically, it relates to a DNA polymerase chimera comprising an amino-terminal (N-terminal) region encoding a Φ2 9 type DNA polymerase and a carboxyl-terminal (C-terminal) region comprising at least one HhH domain which are bound by means of a connecting amino acid sequence and to the use thereof for replicating, amplifying or sequencing a template DNA. Likewise, the present invention provides a method for replicating, amplifying or sequencing a deoxyribonucleic acid with said DNA polymerase chimera and a kit for carrying out said method.

No. of Pages : 64 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.185/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DIAPHRAGM VALVE WITH IMPROVED SEALING PERFORMANCE AND LEAK DETECTION

(51) International classification	:F16K 7/12
(31) Priority Document No	:61/228,701
(32) Priority Date	:27/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043177
Filing Date	:25/07/2010
(87) International Publication No	:WO 2010/014436
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :126 LINCOLN AVENUE, RAHWAY, NEW JERSEY 07065-0907 UNITED STATES OF AMERICA

(72)Name of Inventor :

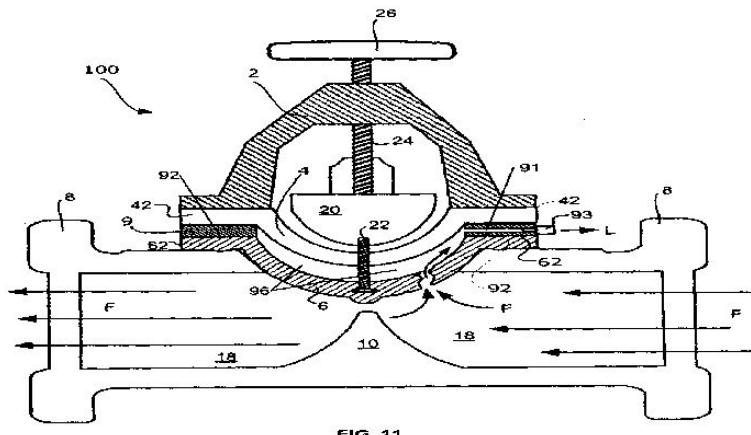
1)REED, DANIEL, I.

2)SULLIVAN, JOSEPH, T.

3)SHIFFLETT, GERALD, C.

(57) Abstract :

Diaphragm valve with internal leak detection and improved external leak sealing performance. In diaphragm valves comprising diaphragms that have shields and backings, a rigid seal plate interposed between the shield and backing prevents peripheral regions of the shield from cold-flowing into the backing, despite the compression forces produced by tightening the fasteners that secure the diaphragm to the valve's bonnet assembly and body. An access port passing through the seal plate provides an interface between a void located between the shield and the backing and a breach detector. The breach detector is configured to detect pressure, volume, moisture or mass deviations in fluid disposed in the void, and the deviations indicate whether there's a rupture in the shield or the backing. The breach detector can be connected to an alarming device or signaling system to provide warnings and alerts to valve operators, process control panels or data communications networks.



No. of Pages : 45 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.193/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUEL INJECTOR FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M 63/00
(31) Priority Document No	:10200928979.8
(32) Priority Date	:28/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060411
Filing Date	:19/07/2010
(87) International Publication No	:WO 2010/023466
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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(72)Name of Inventor :

1)UHLMANN, DIETMAR

(57) Abstract :

A fuel injector, comprising, an actuator module (2) disposed in a holding body (1). The holding body (1) is braced by a tension nut (13) to a nozzle body (12) by at least one interposed intermediate body designed as a throttle plate (11). The throttle plate (11) is penetrated by at least one high-pressure channel (16), an inflow channel (18) having an inflow throttle, and an outflow channel (19) having an outflow throttle, and wherein a valve actuated by the actuator module (2), and valve having at least one valve pin (4) and a sealing sleeve (5), is disposed between the actuator module (2) and the throttle plate (11), forming a leakage chamber (21) facing the throttle plate (11). A horizontal leakage outlet channel (20), which extends from a cylindrical outer circumference of the throttle plate (11) to a region underneath the leakage chamber (21) and which is hydraulically connected to the leakage chamber (21) via a leakage channel (22), is recessed in the throttle plate (11).

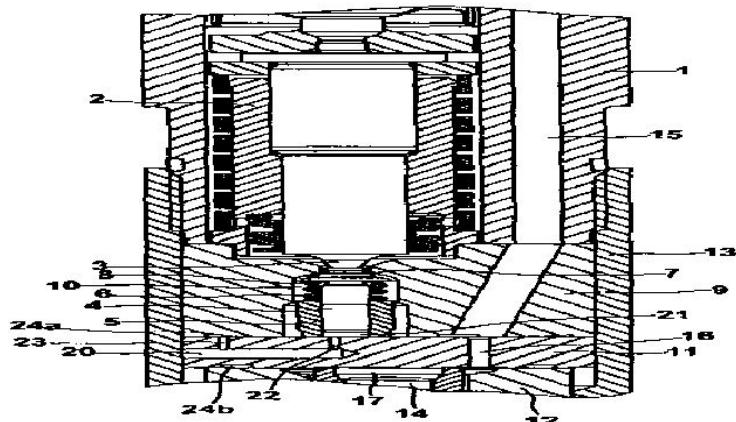


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.192/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONNECTION ASSEMBLY FOR A SENSOR ASSEMBLY AND SENSOR ASSEMBLY

(51) International classification	:G01D 11/30
(31) Priority Document No	:10 2009 028 963.1
(32) Priority Date	:28/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059555
Filing Date	:05/07/2010
(87) International Publication No	:WO 2010/023439
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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1)STEINBRINK, RONALD

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3)ORTMANN, STEFAN

4)SCHULZE STEFFEN

5)MATTHIE, DANIEL

6)LIEBETRAU, JENS

7)WEISHAEUTEL, FRANK

8)BEYERSDORFER, JAN

(57) Abstract :

Described herein is a connection assembly (1) for a sensor assembly comprising a connection element (10, 10', 10), which is electrically and mechanically connected to an end (3.1, 4.1) of at least one wire (3, 4) of a connection cable (2) in a first contacting region (12, 12', 12). The connection element (10, 10', 10) is electrically and mechanically connected to a sensor element in a second contacting region (16, 16', 16). The connection element (10, 10', 10) is at least partially enclosed with a plastic overmould (20), which has a window-shaped recess (22) in a transition region (14, 14', 14) between the first contacting region (12, 12', 12) and the second contacting region (16, 16', 16), which is sealed in an injection moulding die during an injection moulding process of the plastic overmould (20). The transition region (14, 14', 14) is disposed with a positioning opening (15, 15', 15) in such a manner that the connection element (10, 10', 10) is positioned in the injection moulding die and the transition region (14, 14', 14) surrounding the positioning opening (15, 15', 15) is sealed flat in the injection moulding die to form the window-shaped recess (22).

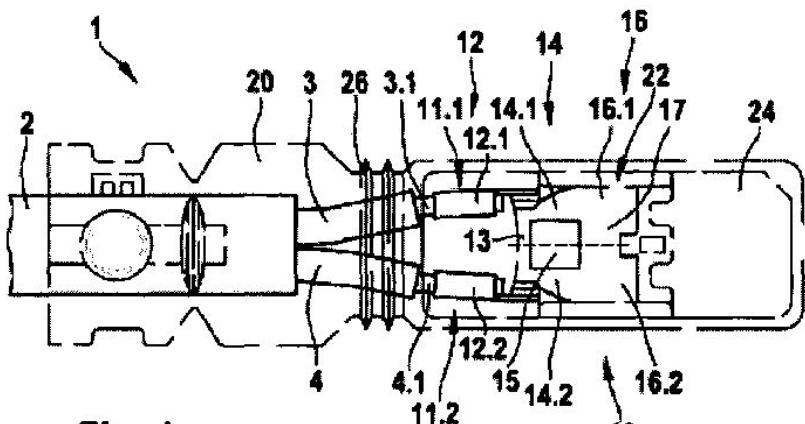


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.200/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INFLAMMABLE MAT BOARD FOR ARCHITECTURE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:D04H 13/00
(31) Priority Document No	:KR10-2009-0107809
(32) Priority Date	:10/11/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/000225
Filing Date	:14/01/2010
(87) International Publication No	:WO 2010/059138
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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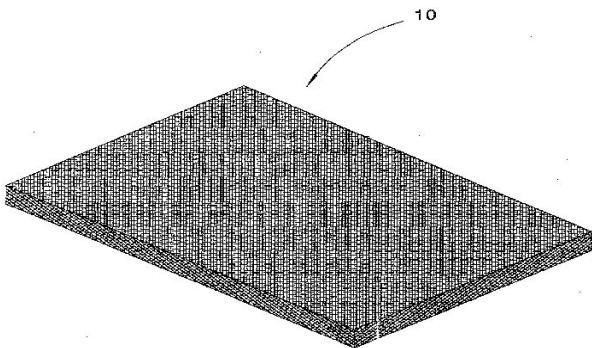
2)NA SUNG-MIN

(72)Name of Inventor :

1)NA SUNG-MIN

(57) Abstract :

The present invention relates to an inflammable mat board for an architecture and a method for manufacturing the same, and in particular to a mat board which is characterized in that in an inflammable mat board for architecture, a mat shaped board is manufactured in such a way that a metallic thread made from an iron, a nonferrous metal, a waste can and a waste tin plate, etc. is tangled like a cotton ball in a thin sheet shape, so it is possible to recycle materials, and an inflammability can be enhanced, and a heat insulation effect can be maximized, and a recycling rate can be enhanced in terms of a material management, and the production of wastes can be advantageously minimized, thus contributing a lot to a green growth policy of the world. In other words, the present invention is basically directed to tangling, like a cotton ball, a metallic thread made from a metallic material such as an iron, a nonferrous metal or the like of a thin shape, thus manufacturing the same in a mat shape. In the present invention, since an inflammable mat board for architecture is made from a metallic thread, a waste material can be recycled, and an inflammability, soundproof and heat insulation effect can be maximized. The recycling rate of materials produced in the course of demolition of buildings can be enhanced, and waste productions decrease, which results in contributing to a green industry growth throughout the world.



No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.201/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS FOR CULTURING STEM AND PROGENITOR CELLS

(51) International classification

:C12N 5/02

(31) Priority Document No

:61/186,310

(32) Priority Date

:11/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/038438

Filing Date

:11/06/2010

(87) International Publication No

:WO 2010/144887

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The present application describes a method of culturing, expanding or growing stem or stem-like cells or induced pluripotent stem cells on a surface, including attaching the cells to the surface through a ligand that binds to the surface and the cells.

No. of Pages : 74 No. of Claims : 48

(71)Name of Applicant :

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1)BAMDAD CYNTHIA

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.207/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ROTOR BLADE OF A WIND POWER PLANT AND METHOD FOR FABRICATING A ROTOR BLADE OF A WIND POWER PLANT

(51) International classification	:F03D 1/06	(71) Name of Applicant :
(31) Priority Document No	:10 2009 033 164.6	1)REPOWER SYSTEMS AG
(32) Priority Date	:13/06/2009	Address of Applicant :UBERSEERING 10, 22297 HAMBURG (DE) Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/003585	1)KULENKAMPFF, JENS
Filing Date	:15/06/2010	2)WEEGEN, CLAUS
(87) International Publication No	:WO 2010/006563	3)KONTIS, MARIO
(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 rotor blade (10) of a wind power plant, wherein the rotor blade (10) has a longitudinal extension (11), which extends from a rotor blade root (12) substantially to a rotor blade tip (13), wherein, at least in one region of the rotor blade (10), an aerodynamic cross-sectional profile (15) is provided, which has a leading edge (16) (nose) and a trailing edge (17), which are connected via a suction side (18) and a pressure side (19) of the cross-sectional profile (15). Furthermore, the invention relates to a method for fabricating a corresponding rotor blade (20). The rotor blade according to the invention is characterized in that the rotor blade (10) is subdivided at least in a longitudinally extended section (20) into a front rotor blade section (21) with the leading edge (16) and a rear rotor blade section (22) with the trailing edge (17), wherein the rear region (23) of the front rotor blade section (21) and the adjacent front region (24) of the rear rotor blade section (22) are connected through an I-beam (25). The method according to the invention is characterized through the following method steps: Providing at least two rotor blade sections (21, 22) fabricated and divided in the longitudinal direction (11) of the rotor blade (10), wherein the division is arranged between the leading edge (16) and the trailing edge (17), Applying or inserting a first web part (26) extending substantially from the pressure side (19) to the suction side (18) into a first divided rotor blade section (21) and a second web part (27) extending substantially from the pressure side (19) to the suction side (18) into a second divided rotor blade section (22) and Adhering the first web part (26) with the second web part (27) so that a double web (47) forms.

No. of Pages : 46 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.198/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SOLAR CELL CHARGING CONTROL

(51) International classification	:H02J 7/35
(31) Priority Document No	:61/213,428
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000452
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/143187
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)MANOR DROR

2)BREITING DANIEL

(57) Abstract :

To prevent the battery of a solar charged device from discharge when insufficient solar radiation is present, a control circuit is provided to disable the charging circuits under those conditions. A current load is applied to the output of the solar cell, and the level of power drawn by this load from the solar cell is measured. Control circuits disable the charging circuits of the device when the signal from the current monitor indicates that insufficient solar power is detected. The monitor current load should be such that the power drawn by it should be at least of the same order as the power required by the charging circuitry for its quiescent operation. A series switch may be used so that current is drawn through the load only when solar output is sufficient to enable charging. Alternatively, a periodically pulsed switch may be used to limit the load current.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.204/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VARIABLE TRANSMITTANCE OPTICAL FILTER AND USES THEREOF

(51) International classification	:G02F 1/15
(31) Priority Document No	:61/186,058
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000849
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/142019
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LAM DUHANE

2)BRANDA NEIL R.

(57) Abstract :

Variable transmittance optical filters capable of transitioning from a light state to a dark state on exposure to UV radiation and from a dark state to a light state with application of an electric voltage are provided. The optical filters comprise a switching material that comprises one or more chromophores that have electrochromic and photochromic properties.

No. of Pages : 143 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2095/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COLLAGEN NANOSTRUCTURES

(51) International classification	:H01K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :UNIT 1201, 12TH FLOOR, AMCORP TRADE CENTRE, PJ TOWER, NO. 18, PERSIARAN BARAT, OFF JALAN TIMUR, 46050, PETALING JAYA, SELANGOR DARUL EHSAN, MALAYSIA

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1)QAZI, GHULAM NABI

2)AHMAD, FARHAN JALEES

3)SAMIM, MOHD

4)COOPER, DEBORAH

5)V. MARNICKAVASAGAR, M. RAJENDRAN A/1

(57) Abstract :

The present invention relates to a collagen nanostructure of diameter less than 300nm, formulation comprising the same, methods for the production of the same, as well uses thereof. FIGURE 2



FIGURE 2

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2106/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CAMERA STAND

(51) International classification

:H01T

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SEN, RANA, PRATAP

(57) Abstract :

The present disclosure relates to a still motion camera stand that allows a user to use camera in all possible user required cinematographic camera movements and provides freedom of use, wherein the camera stand includes a zyra assembly, a crane assembly, an azimuth setting, a panoramic assembly, and a trolley assembly. In an embodiment, the zyra assembly provides zoom in and zoom out shots along with rolling 360 degrees on both sides and also allowing tilting up and down and focus shifting. Crane assembly allows movement of the zyra assembly up and down to get vertical up and down shots. Crane assembly can be mounted on the azimuth to get azimuth shots. Azimuth assembly can be mounted on the panoramic assembly, wherein the panoramic assembly includes a revolving disc which can rotate 360 degrees on both clockwise and counterclockwise directions to obtain required panoramic shot. Trolley assembly of the camera stand allows user to get track and dolly and circular dolly shots.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2107/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONFIGURING USER STATUS MESSAGE AS MOBILE PHONE CALLER TUNE

(51) International classification	:H01T
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

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(72)Name of Inventor :

1)MEHTA, RAJAN

(57) Abstract :

The present disclosure relates to a system and method for changing caller tune of a users mobile phone based on customized status messages of the user. The status messages can either be set at one or more social networking websites such as LinkedIn, Facebook, SoundCloud, Myspace, and Twitter, or can be set on other web-based communication mediums such as chats, groups, and blogs. Status messages can also be directly written by a user in a mobile device application without any web-based interface. In a preferred embodiment, the proposed system allows a mobile user to automatically set his/her latest status update or social network message or personal choice message as the users caller tune for his/her callers. One or more of Web, WAP, USSD, IVR, and SMS can be used by a user to set his/her status message, which then automatically becomes the respective mobile phones caller tune. Caller Tune would also be hereinafter interchangeably referred to as Caller Ring Back Tone (CRBT).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2119/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD TO MEASURE THE IDDQ CURRENT

(51) International classification	:H01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CYPRESS SEMICONDUCTOR CORPORATION

Address of Applicant :198 CHAMPION CT. SAN JOSE, CA
95134 U.S.A.

(72)Name of Inventor :

1)SHESHADRI SOHANI

(57) Abstract :

Invention can be used on the parts which have higher standby current. Method can also be used to measure the IDDQ by monitoring the current through the ground path of the block

No. of Pages : 3 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2120/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CAPACITIVE SENSOR WITH CONDUCTIVE OVERLAY

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CYPRESS SEMICONDUCTOR CORPORATION
(32) Priority Date	:NA	Address of Applicant :198 CHAMPION CT. SAN JOSE, CA
(33) Name of priority country	:NA	95134 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHRUTI HANUMANTHAIAH
(87) International Publication No	:NA	2)KANNAN SRINIVASAGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To propose a method of capacitive sensing which works over a conductive overlay such as metal sheet. Currently we have capacitive sensing working with only non-conductive overlay. This is because a conductive object (like metal) forms capacitance with sensor pad when placed on top of the sensor pads. Thus when the metal is touched with finger, finger being a conductive material which is grounded increases the capacitance between sensor and ground. This increases the capacitance between all sensors and ground thus triggering all buttons. This problem is solved with this new invention. CapSense is made to work with conductive overlay.

No. of Pages : 0 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2130/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD OF ETHANOLIC AND AQUEOUS EXTRACTION OF SYMPLOCOS RACEMOSAA AND ITS PHARMACOLOGICAL USES

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUMEET GUPTA

Address of Applicant :MM COLLEGE OF PHARMACY,
MAHARISHI MARKANDESHWAR UNIVERSITY,
MULLANA, AMBALA 133207 Haryana India

2)VIPIN SAINI

(72)Name of Inventor :

1)SUMEET GUPTA

2)VIPIN SAINI

3)H K SHARMA

(57) Abstract :

This invention relates to a method of ethanolic and aqueous extraction of Symplocos racemosaa and its pharmacological uses. The ethanolic extract was found to be very effective in analgesic and anti-inflammatory activity but in case of hepatoprotectivity both the extracts showed similar effect. The ethanolic extract showed extremely statistical significant ($p<0.0001$) when compared to positive control group in analgesic and anti-inflammatory activity. The ethanolic (200mg/kg) of this plant showed good hepatoprotective, anti-inflammatory and analgesic activity and this invention will be benefit for the public also.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2144/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM SEARCHING WITHIN AN IMAGE DATABASE

(51) International classification	:H01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAYALBAGH EDUCATIONAL INSTITUTE

Address of Applicant :DAYALBAGH, AGRA - 282110
UTTAR PRADESH INDIA.

2)DEPARTMENT OF INFORMATION TECHNOLOGY.

(72)Name of Inventor :

1)DR. C VASANTHA LAKSHMI

2)PROF. C PATVARDHAN

(57) Abstract :

A method for searching images in a database, comprising the steps of: a. receiving query comprising of one or more attributes and their values and / or an image; b. comparing the received values and / or values corresponding to the received image with values associated with one or more images in the database; c. providing one or more images from the database based on the comparison; wherein a fuzzy prominence value each for text and object content is associated with each image in the database

No. of Pages : 43 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.224/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BRINGING A VISUAL REPRESENTATION TO LIFE VIA LEARNED INPUT FROM THE USER

(51) International classification :G06T 17/00
(31) Priority Document No :12/501,964
(32) Priority Date :13/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041637
 Filing Date :12/07/2010
(87) International Publication No :WO 2011/008659
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
Address of Applicant :ONE MICROSOFT WAY,
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OF AMERICA
(72)**Name of Inventor :**
1)PEREZ, KATHRYN STONE
2)KIPMAN, ALEX
3)BURTON, NICHOLAS, D.
4)WILSON, ANDREW

(57) Abstract :

Data captured with respect to a human may be analyzed and applied to a visual representation of a user such that the visual representation begins to reflect the behavioral characteristics of the user. For example, a system may have a capture device that captures data about the user in the physical space. The system may identify the user's characteristics, tendencies, voice patterns, behaviors, gestures, etc. Over time, the system may learn a user's tendencies and intelligently apply animations to the user's avatar such that the avatar behaves and responds in accordance with the identified behaviors of the user. The animations applied to the avatar may be animations selected from a library of pre-packaged animations, or the animations may be entered and recorded by the user into the avatar's avatar library.

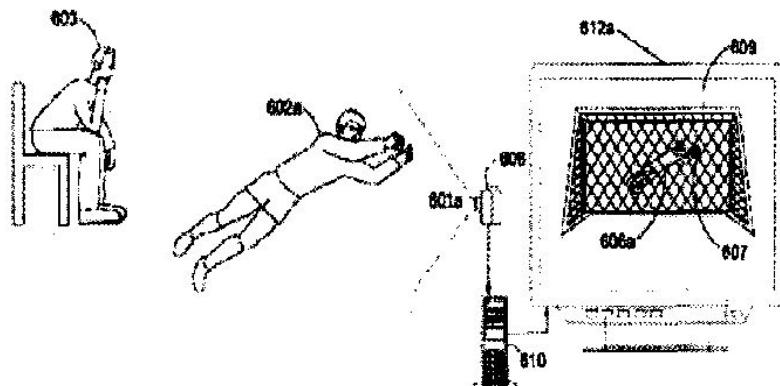


FIG. 6A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.24/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GUNNABLE ADHESIVE COMPOSITION FOR USE IN CONSTRUCTION MEMBRANE APPLICATIONS

(51) International classification	:C09J 183/04	(71) Name of Applicant :
(31) Priority Document No	:61/184,002	1)DOW CORNING CORPORATION
(32) Priority Date	:04/06/2009	Address of Applicant :2200 WEST, SALZBURG ROAD, MIDLAND, MI 48686-0994, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/037450 :04/06/2010	1)CARBARY, LAWRENCE 2)LOWER, LOREN 3)SEITZ, AARON
(87) International Publication No	:WO 2010/141852	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A gunnable adhesive composition includes a silicone resin and an organopolysiloxane, or a reaction product thereof; as well as a filler and a solvent. The silicone resin and the organopolysiloxane are present in amounts to provide a resin/polymer ratio ranging from 58 % to 64 %. The gunnable adhesive composition may be applied to low surface energy substrates at ambient temperatures without primer or other surface treatment. The gunnable adhesive composition and adhesive product thereof are useful in weather barrier applications, such as building wraps.

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.182/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND WIDEBAND ANTENNA SYSTEM TO MINIMISE THE INFLUENCE OF INTERFERENCE SOURCES

(51) International classification	:G01S 7/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050905
Filing Date	:16/07/2009
(87) International Publication No	:WO 2010008146
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAAB AB

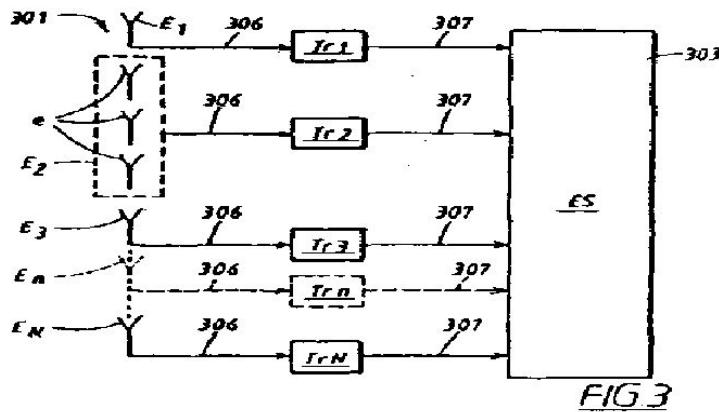
Address of Applicant :S-581 88 LINKOPING, SWEDEN

(72)Name of Inventor :

1)FALK, KENT

(57) Abstract :

The invention provides a method to minimise the influence of interference sources by control of the Signal to Noise/interference Ratio, SNR, of a wideband antenna system connected to an electronic system. The wideband antenna system comprises at least one array of at least two antenna elements/sub arrays. The SNR control comprises establishing of cancellation directions for interfering frequencies in the antenna pattern in the direction of interference sources. The wideband antenna system is operational over a system bandwidth and operates with an instantaneous bandwidth B. Estimation of interference source parameters is performed in an evaluation process. The invention also provides a wideband antenna system implementing the method.



No. of Pages : 78 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.202/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUSED IMIDAZOLES AND COMPOSITIONS COMPRISING THEM FOR THE TREATMENT OF PARASITIC DISEASES, SUCH AS E.G. MALARIA

(51) International classification	:C07D 487/04
(31) Priority Document No	:61/224,433
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/041626 :09/07/2010
(87) International Publication No	:WO 2010/006143
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)IRM LLC

Address of Applicant :131 FRONT STREET, HAMILTON,
HM LX, BERMUDA

(72)**Name of Inventor :**

1)CHATTERJEE ARNAB K.

2)NAGLE ADVAIT

3)WU TAO

4)TULLY DAVID

5)KUHEN KELLI L.

(57) Abstract :

The invention provides a class of compounds, pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent malaria.

No. of Pages : 314 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2101/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN IMPROVED METHOD FOR PRODUCTION OF A FORMULATION OF PIPERACILLIN SODIUM AND TAZOBACTAM SODIUM

(51) International classification	:H02J	(71) Name of Applicant : 1)VARDHMAN CHEMTECH LIMITED Address of Applicant :SCO-350-352 Sector 34-A Chandigarh Punjab India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GUJRAL Rajinder Singh
(87) International Publication No	: NA	2)VIG Ashwani
(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 process for preparation of a premixed form of piperacillin and tazobactam. The admixture is prepared by dissolving piperacillin acid and tazobactam acid in a definite ratio in the presence of sodium ethyl hexanoate which is then crystallised under specific conditions to obtain the homogeneous crystals of Piperacillin Sodium and Tazobactam Sodium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2137/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PACKAGE SYSTEM FOR PACKING AND DISPENSING OF ORAL LIQUID DRUG FORMULATIONS

(51) International classification

:C11D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RANBAXY LABORATORIES LIMITED

Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6,
NEHRU PLACE, NEW DELHI-110019, INDIA.

(72)Name of Inventor :

1)PIYUSH SHARMA

2)RAHUL BHARGAVA

(57) Abstract :

A packaging system for packing and dispensing of oral liquid drug formulations. The package comprising a bottle, a closure over the mouth of bottle, and a spoon attached to the closure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.25/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING ALICYCLIC ALCOHOL

(51) International classification	:C07C 29/147
(31) Priority Document No	:2009-157125
(32) Priority Date	:01/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061217
Filing Date	:30/06/2010
(87) International Publication No	:WO 2010/002044
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI GAS CHEMICAL COMPANY, INC.
Address of Applicant :5-2, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO 100-8324, JAPAN.

(72)Name of Inventor :

1)KITAMURA MITSUHARU
2)KOTACHI SHINJI
3)NAGASAWA SHINYA
4)ATAKA YOSHIHARU

(57) Abstract :

Disclosed is a method for producing an alicyclic alcohol represented by general formula (III) which is useful as a starting material for a flavor mixture or the like at low cost in high yield. The alicyclic alcohol represented by general formula (III) is produced by preparing a cyclohexanecarbonyl compound represented by general formula (II) through the carbonylation of an unsaturated hydrocarbon represented by general formula (I) (preferably a compound obtained through the partial reduction of a diene compound) using carbon monoxide in the presence of HF, and thereafter reducing the cyclohexanecarbonyl compound. In formulae (I), (II), and (III), R1 represents an alkyl group having 1 to 4 carbon atoms, R2 represents an alkyl group having 1 to 4 carbon atoms, R3 represents an OH group, fluorine, or an OR4 group, and R4 represents an alkyl group having 1 to 4 carbon atoms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2010

(21) Application No.2765/DEL/2009 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL MYCORRHIZAE-BASED BIOFERTILIZER COMPOSITIONS AND METHOD FOR MASS PRODUCTION AND FORMULATION OF SAME.

(51) International classification	:A01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)THE ENERGY AND RESOURCES INSTITUTE (TERI)

Address of Applicant :DARBARI SETH BLOCK, IHC
COMPLEX, LODI ROAD, NEW DELHI-110003 India

(72)**Name of Inventor :**

1)DR ALOK ADHOLEYA

(57) Abstract :

This invention relates generally to the field of compositions and methods for developing biofertilizers of organic origin and mycorrhizal origin in particular. The invention focuses on the isolation and characterization of the various formulations and ensuing compositions developed thereof from the arbuscular mycorrhizal fungal propagules whose benefit in crop productivity is well known. The invention more particularly describes the isolation and characterization, including but not confined to, novel mycorrhizae-based biofertilizer compositions and biofertilizer formulations for use in soil fertilization and reclamation of industrially created wastelands.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2128/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PURIFICATION OF SEA WATER UTILIZING SOLAR ENERGY THAT PROVIDES FOR A PERPETUAL SOURCE OF PRESSURE AND RESULTANT DENSITY GRADIENT UNDER SEA WATER SURFACE

(51) International classification	:B61L 5/10	(71) Name of Applicant : 1)LOOMBAA DEEPAK Address of Applicant :J-14, SDF, NSEZ, PHASE-II, NOIDA - 201305, U.P. India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)LOOMBAA DEEPAK
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A purification method is proposed to separate salts from saline water present in natural water sources like sea, ocean, river, etc., utilizing the perpetual availability of water source and the water pressure possessed by deep water. The perpetual availability of water is due to the solar cycle which maintains the percentage of water on earth. The water pressure and the specific density gradient present between the sea water and the purified water forces the sea water up through a column anchored into water source bed, through filtering membranes which are fitted at the proximal end of the column near the sea bed. The column is first excavated, pumping out all the sea water which was trapped by it while pushing it into the sea. This creates a vacuum in the column, leading the surrounding sea water to rush into the column, gets filtered through the membranes performing reverse osmosis and yielding fresh purified water to fill into the column vacuum. The purified water is self propelled through the column till a level from where it can be either pumped out or can be used as such. Therefore, due to the solar energy which provides availability of infinite source of water and water pressure, along with the temperature and specific density gradient between the sea water and purified water, purification of the sea water is achieved, without any use of external non-renewable resources.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2129/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITION AND METHOD OF SPIRULINA WITH PIOGLITAZONE OR ROSIGLITAZONE AND ITS SYNERGISTIC EFFECT

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUMEET GUPTA

Address of Applicant :MM COLLEGE OF PHARMACY,
MAHARISHI MARKANDESHWAR UNIVERSITY,
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2)VIPIN SAINI

(72)Name of Inventor :

1)SUMEET GUPTA

2)VIPIN SAINI

3)ANROOP NAIR

(57) Abstract :

This invention relates to Composition and Method of spirulina with pioglitazone or rosiglitazone and its synergistic effect. The study of drug-drug interactions is gaining importance because of increasing consumption of a wide variety of drugs. Drug interaction studies on ayurvedic drugs are limited comparison with allopathic drugs. The drug interaction studies between ayurvedic and allopathic drugs will help us understand the safety of concurrent of these drugs.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2141/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR ELECTROCHEMICAL DEPOSITION OF SILVER AND GOLD ON BRASS POWER DIVIDER FEED NETWORK

(51) International classification

:H01J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The present invention relates to an effective plating procedure for electrochemical deposition of silver and gold on large size Brass Power Divider Feed Network for Radar Antennas. Further, the invention also provides methods for effective replenishment of electroless silver and gold plating solutions along with optimization of a limiting value for utilization of Bright dip solution during the Surface preparation of brass feed networks.

No. of Pages : 35 No. of Claims : 8

(71)Name of Applicant :

1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION (DRDO)

Address of Applicant :Ministry of Defence Government of India Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi 110105 India.

(72)Name of Inventor :

**1)SHOBHA THAMMAIAH
2)RESHMA PANIKAN MANDODI
3)VENKATESAN VARADARAJAN**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/02/2011

(21) Application No.281/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A BINDER COMPOSITION FOR OMEGA-3 FATTY ACID COMPOSITION AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:A23L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:19/DEL/2011
Filed on	:04/01/2011
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Director General Defence Research and Development Organization

Address of Applicant :Ministry of Defence Govt. of India
Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
110105 India

(72)Name of Inventor :

**1)ANANTHAN PADMASHREE
2)GOPAL KUMAR SHARMA
3)THIMMA GOVINDARAJ
4)AMARINDER SINGH BAWA**

(57) Abstract :

The present invention provides a binder composition comprising: (i) 10-14% date syrup; (ii) 6-10% honey; (iii) 3-5% glycerol; (iv) 3-8% fibrous substance; and (v) 3-8% rice bran oil, wherein, the rice bran oil comprises natural antioxidants like tocopherol and/or synthetic antioxidants like butylated hydroxyanisole (BHA) and tertiary butyl hydroquinone (TBHQ). The present invention also provides a process for preparing the binder composition and an omega-3 fatty acid rich composition comprising the binder composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2010

(21) Application No.2975/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RETRACTABLE DESK INCORPORATED IN A 'BACKPACK' BAG

(51) International classification	:A47B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VAIBHAV KUMAR

Address of Applicant :53A/41 WEST PUNJABI BAGH,
NEW DELHI-110026 India

(72)Name of Inventor :

1)VAIBHAV KUMAR

(57) Abstract :

A retractable desk incorporated in a backpack bag is disclosed comprising primarily of 2 limbs which are hinged to the straps independently. These limbs form the basic frame of the desk which is held in position by supports joining both the limbs and the strap. The desk is formed by webbing cassettes placed in the structure which can be pulled and fastened to the opposite limb using book fasteners.

No. of Pages : 3 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.3003/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WORKLOAD SCHEDULING BASED ON A PLATFORM ENERGY POLICY

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GIRI, RAVI

(57) Abstract :

In some embodiments, a data center system may include one or more server platforms, a workload scheduler, and a set of stored data shared between the server platforms and the workload scheduler. The server platforms may include processing cores and memory in electrical communication with the processing cores. The memory may store code which when executed causes the server platform to store a platform power correlation factor, receive workload requirements for a workload from a workload scheduler, determine a current and expected energy consumption based on the workload requirements and the platform performance correlation factor, communicate the current and expected energy consumption for the workload to the workload scheduler, and if the workload is dispatched to the server platform from the workload scheduler, store the workload requirements in the memory and modify characteristics of the server platform to execute the workload. The workload scheduler may determine if the workload can be sent to the server platform based on the current and expected energy consumption for the workload and pre-configured power and temperature thresholds for the server platform and also rack location, row location, and / or other data center specific information. The set of stored data may include a platform compute policy and / or a platform energy policy. Other embodiments are disclosed and claimed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.3005/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GEAR REDUCTION UNIT

(51) International classification	:E02F	(71) Name of Applicant : 1)NACHTTAR SINGH Address of Applicant :WARD NO. 18, B XIII/491, STANDARD CHOWK, BARNALA,-148101, PUNJAB India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NACHTTAR SINGH
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to gear reduction unit which is designed to decrease the speed of the tractor which in turn will affect the working of the trench machine i.e. the efficiency of the trenching machine. The efficiency of trenching machine will increase subsequently with the decrease in the speed of the tractor which is achieved by the gear Reduction Unit. The said unit reduces the speed of tractor in ratio of (17.3:1) which is necessary for efficiently working of Trench machine and thereby has proven to be economical.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3050/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMBINATION OF A PHOSPHATIDYLINOSITOL-3-KINASE (PI3K) INHIBITOR AND A MTOR INHIBITOR

(51) International classification	:A61K 31/5377
(31) Priority Document No	:08168044.9
(32) Priority Date	:31/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/064274
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/049481
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NOVARTIS AG

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(72)**Name of Inventor :**

1)GARCIA-ECHEVERRIA CARLOS

2)MAIRA SAUVEUR-MICHEL

(57) Abstract :

The invention relates to a pharmaceutical combination which comprises (a) a phosphoinositide 3-kinase inhibitor compound of formula (I) and (b) a mTOR inhibitor for the treatment of a target of rapamycin (mTOR) kinase dependent disease, especially a cancer disease; a pharmaceutical composition comprising such a combination; the use of such a combination for the preparation of a medicament for the treatment of a proliferative disease; a commercial package or product comprising such a combination as a combined preparation for simultaneous, separate or sequential use; and to a method of treatment of a warm-blooded animal, especially a human.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2010

(21) Application No.2986/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN APPARATUS FOR NON-INVASIVELY DETERMINING THE STRESS TENSOR, PRESSURE, AND DENSITY OF FLOWING FLUIDS

(51) International classification

:G01R

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

An apparatus for non-invasively determining the stress tensor, pressure, and density of flowing fluids, comprising an embedded device having at least two processors; a magnetic resonance image (MRI) scanner operably interfaced to the embedded device; a software structure incorporated in the embedded device, and having at least one each of encoder module, and decoder module; a first of said at least two processors having a data storage device and a display, the first processor being operably connected to the decoder module, the encoder module, and the embedded device; a second of said at last two processors receiving data via the embedded device from the first processor for processing by using the means for flow encoding, the means for phase image readouts, the means for scalar projection, and the means for tensor reconstructions, and further having a switch for selectively connecting or disconnecting a control element and/or a display element; and a device for final tensor image display; the encoder module operably connected to the first processor via radiofrequency-electronics of the MRI-scanner.

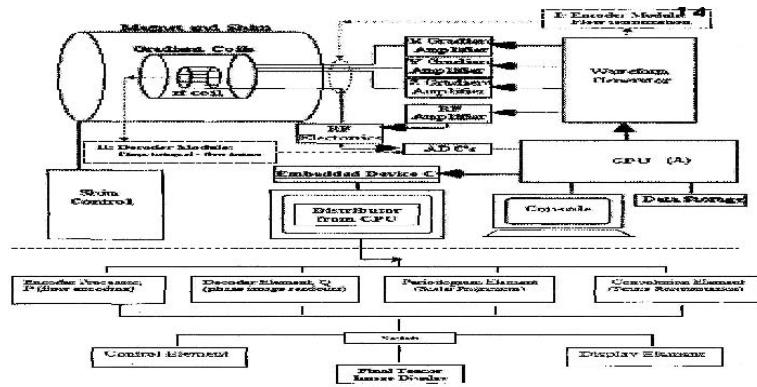


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3031/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING BEVEL GEARS HAVING HYPOCYCLOIDAL TEETH IN THE CONTINUOUS INDEXING METHOD USING A CORRESPONDING FACE CUTTER HEAD

(51) International classification	:B23F 21/22
(31) Priority Document No	:08167925.0
(32) Priority Date	:30/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/063189
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/049256
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :BINZMUHLESTRASSE 171, 8050
ZURICH, SWITZERLAND

(72)Name of Inventor :

1)CARSTEN HUNECKE

2)HARTMUTH MULLER

(57) Abstract :

Face cutter head method for producing various bevel gears (11) whose respective longitudinal flank line is defined by a hypocycloid (HY), wherein the following steps are executed to produce a first bevel gear (11): - equipping an all-purpose face cutter head (240) in a first configuration with a first number of cutter groups which corresponds to a first number of passes (G1max), - producing the first bevel gear (11) in the continuous indexing method using the all-purpose face cutter head (240) in the first configuration; and the following steps are executed to produce a second bevel gear (11): - equipping the same all-purpose face cutter head (240) in a second configuration with a second number of cutter groups, which corresponds to a second number of passes (Gx; G2max), - producing the second bevel gear (11) in the continuous indexing method using the all-purpose face cutter head (240) in the second configuration.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3049/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR DECONTAMINATING SYNGAS

(51) International classification	:C07C 27/26
(31) Priority Document No	:61/107,478
(32) Priority Date	:22/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061625
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/048376
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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BIRMINGHAM, AL 35205, U.S.A.

(72)Name of Inventor :

1)DAHLIN ROBERT S.

2)GALE THOMAS K.

(57) Abstract :

Disclosed herein is an apparatus and methods for decontaminating syngas generated in a fluidized-bed gasifier wherein metal contaminants, inter alia, alkali metals, halogens, particulates, and transition metals and sulfur containing contaminants are removed prior to the catalytic thermal cracking of tar and ammonia. Further disclosed is an apparatus and methods for removing ammonia from syngas

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3068/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FRAMEWORK FOR RUNTIME POWER MONITORING AND MANAGEMENT

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MURALIDHAR, RAJEEV, D.
2)MAHALINGAM, NITHISH
3)RUDRAMUNI, VISHWESH, M.
4)SESHADRI, HARINARAYANAN
5)KADAM, RUSHIKESH, S.
6)THOMAS, SUJITH

(57) Abstract :

Systems and methods of managing power in a computing platform may involve monitoring a runtime power consumption of two or more of a plurality of hardware components in the platform to obtain a plurality of runtime power determinations. The method can also include exposing one or more of the plurality of runtime power determinations to an operating system associated with the platform.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.3082/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM TO SAVE PROCESSOR STATE FOR EFFICIENT TRANSITION BETWEEN PROCESSOR POWER STATES

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)MURALIDHAR, RAJEEV

2)SESHADRI, HARINARAYANAN

3)FLEMING, BRUCE

4)RUDRAMUNI, VISHWESH

(57) Abstract :

Techniques to provide processor state for implementing a power state transition of a processor. In an embodiment, an operating system executing on a processor detects an opportunity to transition the processor to an idle processor power state. In particular embodiments, the operating system initiates the transition by invoking a task switch, wherein information describing a state of the processor is saved to a task switch segment.,

No. of Pages : 22 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2097/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SELF PROPELLED STAIR CLIMBING WHEEL CHAIR

(51) International classification	:G01S	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY KANPUR, KANPUR-208016, UTTAR
(86) International Application No	:NA	PRADESH, India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)J RAM KUMAR
(61) Patent of Addition to Application Number	:NA	2)SHATARUPA THAKURTA ROY
Filing Date	:NA	3)SATHISH SEKAR
(62) Divisional to Application Number	:NA	4)SATYAKI ROY
Filing Date	:NA	5)SHANU SHARMA

(57) Abstract :

The present invention is directed to a self propelled stair climbing wheel chair. Wheelchair is one of the most commonly used assistive devices for enhancing personal mobility. But limited access against barriers, a manually operated wheel chair which can negotiate is an economic solution for the enhanced accessibility. The present invention is designed to access flat surfaces and to negotiate obstacles in a very safe and user friendly way for the ease of adaption of the invention. Said wheel chair of the instant invention comprising of atleast two front wheels, atleast one rear caster wheel and atleast two rear triangular Y shaped wheels, a central shaft provided between the frames of seat and a plurality of members such as herein described.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2098/DEL/2011 A

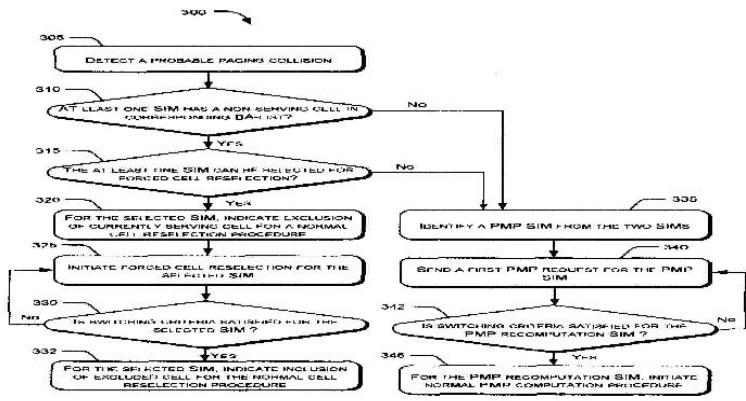
(43) Publication Date : 01/02/2013

(54) Title of the invention : PAGING RECEPTION IN WIRELESS COMMUNICATION DEVICES

(51) International classification	:H02J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

Methods and devices for resolving paging collisions in a communication device (105-1) are described. The method includes detecting a probable paging collision between two subscriber identity modules (SIMs) (115) of the communication device (105-1) and determining whether at least one SIM of the communication device (105-1) has a non-serving cell in a corresponding broadcast control channel (BCCH) allocation list (BA-list). Further, the method includes ascertaining, based on one or more selection parameters, whether the at least one SIM can be selected for forced cell reselection and indicating, based on the ascertaining, exclusion of a currently serving cell of a SIM selected for the forced cell reselection from normal cell reselection procedure. Further, the forced cell reselection is initiated for the selected SIM. Further in some embodiments, if none of the SIMs can be selected for a forced cell reselection, then a Paging Message Position (PMP) recomputation Request is sent to a network controller to change the paging block position computation from IMSI-based computation to TMSI-based computation.



No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2134/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MONOCLONAL ANTIBODY AGAINST OUTER MEMBRANE PROTEIN OF SHIGELLA SONNEL AND USES THEREOF

(51) International classification	:A01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SHYLAJA RAMLAL

2)RADHIKA MADAN URS

3)HARISHCHANDRA SRIPATHY MURALI

4)HARSH VARDHAN BATRA

5)AMARINDER SINGH BAWA

(57) Abstract :

An antibody against Shigella sonnei is disclosed herein. The antibody as disclosed herein shows strong binding to outer membrane protein of Shigella sonnei and does not binds to Shigella dysenteriae, Shigella flexneri and Shigella boydii. The antibody disclosed herein is useful in detection of presence of Shigella sonne in a sample.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.27/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TORQUE SUPPORT FOR A VALVE LOCK

(51) International classification	:F16K 35/02
(31) Priority Document No	:09007371.9
(32) Priority Date	:04/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/DE2010/000604
Filing Date	:29/05/2009
(87) International Publication No	:WO 2010/139302
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)HAAKE OLIVER

3)HAAKE, PATRICK

(72)Name of Inventor :

1)HAAKE, ANDRE

2)HAAKE, PATRICK

3)NA

4)HAAKE, OLIVER

(57) Abstract :

The invention relates to a torque support for a valve lock (5) in order to prevent a rotation of the lock with respect to the valve (1), wherein a connection housing (8) adjoins the valve lock and at least one boom (9, 9a) carried by the connection housing rests against the valve housing in the pivoted-out end position. Similarly, the torque support can also be connected to the valve housing and the boom can rest against the connection housing, or the connection housing is integrated in the valve lock.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.3137/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLY (ACRYLIC ACID) GRAFTED GUAR GUM HYDROCOLLOID COMPOSITE FOR THE TREATMENT OF WATER AND THE PROCESS FOR PREPARING THE SAME

(51) International classification

:F28F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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BHAWAN, RAJAJI MARG, NEW DELHI-110105, INDIA.

(72)Name of Inventor :

1)GUPTA SATISH CHANDRA

(57) Abstract :

The invention provides Polyacrylic acid grafted guar gum composite which efficiently inhibits scale formation, particularly on the waterside of boiler tubes, by maintaining Calcium levels. The invention also provides a process for preparing poly (acrylic acid) grafted guar gum composite. The poly (acrylic acid) grafted guar gum composite prepared by the process of the invention shows efficacy to prevent adhesion of the scale to the metal surface by inhibiting the tendency of the scale to nucleate and grow on metal surfaces.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2009

(21) Application No.2632/DEL/2009 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER MANAGEMENT SYSTEM

(51) International classification	:H04N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NSG Networks Private Limited

Address of Applicant :A-60 Naraina Industrial Area Phase I
Road New Delhi-110028 India

(72)Name of Inventor :

1)Rajiv Mehrotra

(57) Abstract :

The present disclosure to provide a system and method for power management thereof, in which a primary source and one or more secondary power sources are combined to supply power to the load in a manner that the maximum power shared is by the primary power source.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.3028/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RECOMBINANT RESPIRATORY SYNCYTIAL VIRUS PLASMIDS AND VACCINES

(51) International classification	:C12N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)JAIN, RAJESH

2)VINAYAK, VIRENDER KUMAR

3)AGGARWAL, NEERAJ

4)JAISWAL, PALLAVI

(57) Abstract :

The present invention relates to novel recombinant plasmids comprising a cassette of at least one, or at least two, or at least three or most preferably at least four foreign genes from Respiratory syncytial virus (RSV) wherein the said genes are inserted at a nonessential site preferably Del III, within the modified vaccinia Ankara (MVA) genome. The invention further relates to a recombinant modified vaccinia Ankara (MVA) virus comprising and capable of simultaneous expression of a cassette comprising of at least one, or at least two, or at least three or most preferably at least four foreign genes from Respiratory syncytial virus (RSV), wherein the said genes are inserted at a nonessential site preferably Del III, within the modified vaccinia Ankara (MVA) genome. The invention further provides compositions and method of treatment using the novel recombinant virus.

No. of Pages : 37 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3063/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN ALOE VERA GEL MEMBRANE FOR FILTRATION AND A PROCESS FOR PREPARATION THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

This invention relates to an aloe vera gel membrane for filtration comprising of a substrate coated with aloe vera gel provided between cloth. Futher, this invention relates to a process for preparation of aloe vera gel membrane comprising steps of peeling off of epidermis of aloe vera to obtain, parenchyma tissue, treatment of the tissue to form a gel, coating the gel on a porous substrate, stacking of dry membrane between cloth.

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)GEETA HARWANI, SUNITA VERMA, SURENDRA KUMAR JAIN AND THOMAS N. ABRAHAM

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3077/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SELF GENERATED USER INTERFACE IN THE AIR

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

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(72) Name of Inventor :

1)PIYUSH GOEL

(57) Abstract :

A system for obtaining energy from the air and providing back the broader, full color and high density user interface of a device in the air and allowing user to interact with the device controls directly with the same display. The devices like phones, televisions, computer monitors, laptops and any other kind of screens collects energy from the air which is converted into electrical energy and self-powers the device; also the wasted energy is utilized for condensation of air and which acts as a free-space screen for the user-interface.

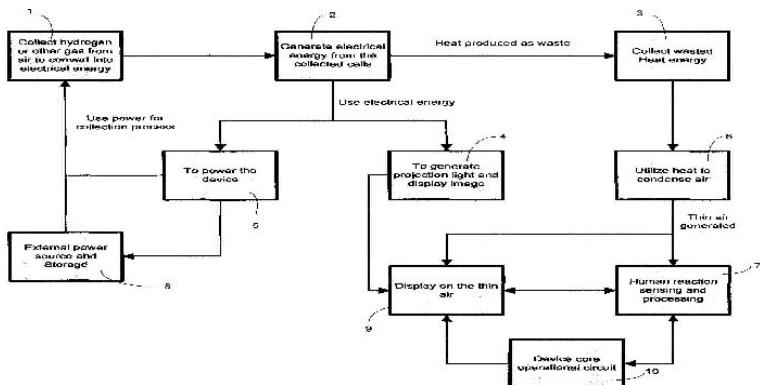


Fig (1)

No. of Pages : 8 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.3168/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ANALYZING TISSUE MORPHOLOGY IN THREE DIMENSIONS

(51) International classification	:G01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)EMPIRE TECHNOLOGY DEVELOPMENT LLC

Address of Applicant :2711 CENTERVILLE ROAD, SUITE
400, WILMINGTON, DE 19808, U.S.A.

(72)**Name of Inventor :**

1)PAUL, MANIBRATA

(57) Abstract :

Light is introduced into a tissue sample. The resulting light that passes through the tissue sample may be spectrally analyzed to determine its intensity at a number of frequencies. From these intensities, a chemical nature of the tissue sample may be determined. By performing this process one or more times, a three-dimensional representation of the morphology of the tissue sample can be developed, and this representation may be used to determine whether the tissue sample is healthy or abnormal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.3169/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS OF PREPARING A LIQUID BIOFERTILIZER FORMULATION

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CSK HIMACHAL PRADESH KRISHI
(32) Priority Date	:NA	VISHVAVIDYALAYA
(33) Name of priority country	:NA	Address of Applicant :PALAMPUR KANGRA PIN CODE:
(86) International Application No	:NA	176062 HIMACHAL PRADESH, India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KANWAR SARBJIT SINGH
(61) Patent of Addition to Application Number	:NA	2)GUPTA MAHINDER KUMAR
Filing Date	:NA	3)KUMAR AJAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Mixing cow dung, cow urine, water & molasses (gur) in an earthen pot. burying the pot in soil for 10-15 days. subjecting the buried mixture to the step of dilution with water. filtering the liquid formulation to remove the suspended particles, subjecting the liquid formulation to the step of sterilization in an autoclave, inoculating the sterilized liquid formulation in separate flask with various organisms. Subjecting the sterilized liquid formulation to the step of incubation at room temperature to produce the desired formulation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3083/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OPERATING DEVICE FOR MANUALLY ACTUATING LIFTING DEVICES.

(51) International classification	:H01H 13/06
(31) Priority Document No	:10 2008 057 993.9
(32) Priority Date	:19/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/064859
Filing Date	:09/11/2009
(87) International Publication No	:WO 2010/057805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DEMAG CRANES & COMPONENTS GMBH

Address of Applicant :RUHRSTR. 28. 58300 WETTER,
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(72)Name of Inventor :

1)WOLFGANG KREBS

2)DR.- ING. THOMAS BONKER

3)GIULIANO PERSICO

4)KLAUS-DIETER OEMUS

5)STEFAN ELSPASS

6)HERRN ANTON MUNZEBROCK

7)UDO GERSEMSKY

(57) Abstract :

The invention relates to an operating device (1) for manually actuating lifting devices, comprising at least one switching element (2) arranged in a switch housing (3), wherein the switching element (2) comprises a tappet (11), which protrudes from the switch housing (3), is guided in a sleeve (19), and is covered by a covering element (4) having a threaded ring (17), wherein the sleeve (19) protrudes outside through an opening (18) in the switch housing (3), the sleeve (19) is held in the switch housing (3) through a threaded joint, and the covering element (4) is screwed to the sleeve (19) in a detachable manner through the threaded ring (17) of the covering element. The invention further relates to a tool for installing a covering element thereof. In order to create an operating device for manually actuating lifting devices, wherein the covering elements of the switching elements are easy to install and replace, it is proposed that the sleeve (19) comprise a collar (19a) that extends outward and is supported on an outer surface (3c) of the switch housing (3) in the installed state, and that the sleeve (19) be held in a detachable manner on the switch housing (3) through a fastening ring (23) that is supported on an inner surface (3c) of the switch housing (3) in the installed state.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.31/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR DELIVERY OF MATERIALS

(51) International classification	:A61K 9/32
(31) Priority Document No	:61/217,772
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037382
Filing Date	:04/06/2009
(87) International Publication No	:WO 2010/141806
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LANDEC CORPORATION

Address of Applicant :3603 HAVEN AVENUE, MENLO PARK, CA 94025, U.S.A.

(72)**Name of Inventor :**

1)NATARAJAN BALACHANDER

2)DAVID TAFT

3)QIANG ZHENG

4)STEVEN P. BITLER

5)DAMIAN A. HAJDUK

(57) Abstract :

Compositions for the controlled delivery of active ingredients, for example, drugs, cosmetic materials, and agricultural materials. The compositions include a multiplicity of particles, each of the particles comprising (1) a microstructure comprising a semicrystalline polymer which has a peak melting temperature, T_p , of at least 20°C, and (2) the active ingredient. The microstructure comprises (i) crystalline domains of the semicrystalline polymer, the crystalline domains being separate from each other, and (ii) amorphous domains of the semicrystalline polymer, the amorphous domains providing a multiplicity of tortuous paths between the crystalline domains. At least part of the active ingredient is present in the amorphous domains. One of many valuable uses for the compositions is to provide a coating on a seed, for example a coating containing one or more of an insecticide, a fungicide, a nutrient, a biotic, a growth regulator and an herbicide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.3142/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RECOVERY OF SULPHUR FROM SULPHUR SLURRY BY USING HYBRID MEMBRANE-FILTER SYSTEM

(51) International classification	:B01D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1. Bhikaji Cama Place New Delhi-110066 India

2)PERMIONICS MEMBRANE PRIVATE LIMITED

(72)Name of Inventor :

1)Peush Mahajan

2)Ajay N. Deshpande

3)Praveena Velliyattu

4)Kausik Ghosh Mazumder

5)Satyajai S Mayor

6)Vazhappallil Yohannan Jose

(57) Abstract :

The present invention relates to a process for separation of sulphur from sulphur slurry in a liquid redox type sulphur plant. The invention in particular relates to the removal of sulphur present at low to very low concentration in slurry by using integrated membrane - filter hybrid system. The invention relates to a process for concentrating sulphur in slurry from 0.1 %(wt) to 15 % (wt) by using porous membrane. The invention also relates to a process for removal of metal based catalyst solution from concentrated slurry coming out from porous membrane to make sulphur cake with 5-10%wt of water & at least 99.5 % wt purity on dry basis by using pressure filter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.3174/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SOLAR PANEL CLOSED SPACE INSTALLATION MECHANISM

(51) International classification	:F24J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KUMAR, ASHUTOSH

Address of Applicant :Q-17A, 2ND FLOOR, JANGPURA
EXTENSION, LAJPAT NAGAR, NEW DELHI India

(72)Name of Inventor :

1)KUMAR, ASHUTOSH

(57) Abstract :

Solar panels installation mechanism and apparatus of the invention provides a way so that solar panels can be installed inside a building, hence eliminating the need for solar panel installations facing the sun light; this would allow more number of solar panels to get installed in a limited closed space. Further, once sun rays are used by solar panels, from the final exit point of solar panels assembly, the sun rays are transmitted to other parts of the building to illuminate the rooms/building etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.3053/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A NEEDLE FOR PUNCTURING

(51) International classification	:A61B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR

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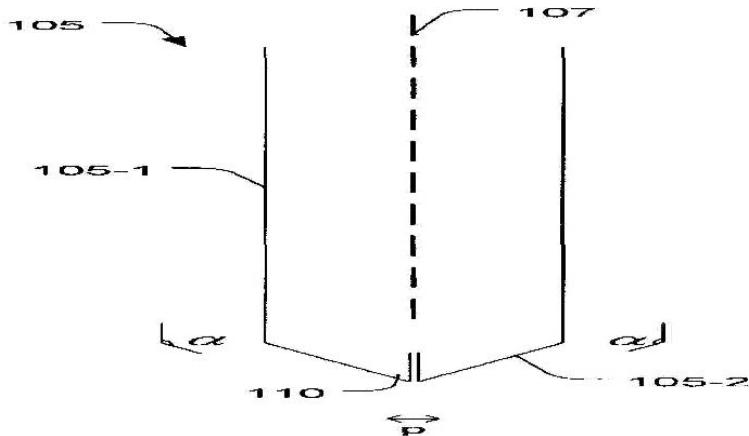
(72)Name of Inventor :

1)GHATAK, ANIMANGSU

2)DAS, SUSMITA

(57) Abstract :

The present subject matter describes a needle (100) having a plurality of tips (110) for puncturing a substrate material. The needle includes a frame (105) which includes a first portion (105-1) and a second portion (105-2). The first portion (105-1) tapers from its distal end towards a central longitudinal axis (107) of the frame (105). An end point of the second portion (105-2) is divided along the central longitudinal axis (107) of the frame (105) into the plurality of tips (110).



No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2010

(21) Application No.3100/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR TRANSMITTING MAILS FROM A FIRST LOCATION TO A SECOND LOCATION

(51) International classification	:H04L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Address of Applicant :KANPUR, UTTAR PRADESH -
208016 INDIA.

(72)Name of Inventor :

1)PROF. SANJAY G DHANDE
2)DR. NACHIKETA TIWARI
3)MS. JOSHIMA V M

(57) Abstract :

The invention relates to a system for transmitting mail from a first location to a second location, comprising a first device with modular configuration disposed at the first location, a second device disposed at a second location, the first and second device is enabled to transmit/receive data including textual and digital data, and being interconnected via respective wireless devices to a satellite network, each of he devices comprises a scanner, a bar code reader or a magnetic stripe reader for reading data on cards, a memory to store data, a display screen, a printer providing record of transactions conducted, an input device, a power unit, an audio recorder for saving voice messages, and software means incorporating instructions, each of said first and second devices is enabled to operate in a transmission mode and/or a reception mode.

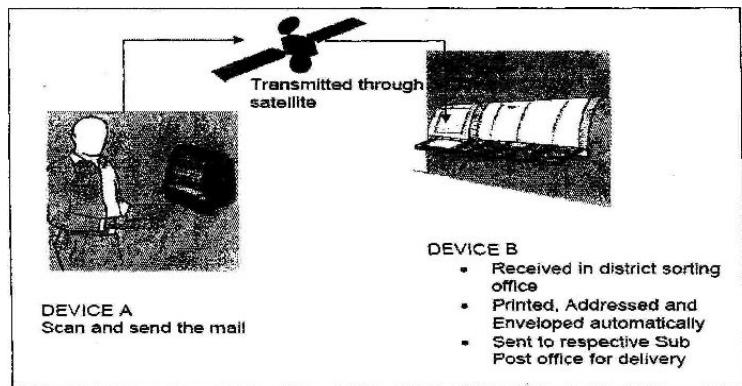


Fig. 3

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2010

(21) Application No.3101/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTINUOUS PROCESS FOR ELECTRO LESS PLATING

(51) International classification	:C25C	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electroless plating method for use in metal plating on a porous substrate is disclosed. It uses selective contact of the plating metal salt solution with a reducing solution on the activated surface on or inside the porous substrate. This electroless plating method in the setup is useful for unmanned, automatic operation resulting in almost 100 % membrane (pure / composite) with substantially no pinholes or cracks.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2010

(21) Application No.3106/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD FOR REPELLING ANTS FROM PURIFIER AND A PURIFIER MADE THEREFOR.

(51) International classification	:A61Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABHINAV CHAUHAN KUNSTOCOM INDIA LIMITED

Address of Applicant :KUNSTOCOM INDIA LIMITED E-27, DEFENCE COLONY, NEW DELHI 110024 India

(72)Name of Inventor :

1)ABHINAV CHAUHAN

(57) Abstract :

The present invention relates to a water purifier whose base is made up of ant repellent material to prevent the crawling of ants. The water purifier comprises a plastic/ thermoplastic body having a base made-up of ant repellent material impregnated into the plastic/ thermoplastic material. Since the base of the purifier is not in touch with water, it is totally safe for humans. The water purifier according to the present invention is not foul smelling, and doesnt cause any discoloring or staining.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2010

(21) Application No.3171/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF CONTACT LENS WITH IMPROVED HYDROPHILICITY.

(51) International classification

:C08F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SHRIRAM INSTITUTE FOR INDUSTRIAL
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007, INDIA.

(72)Name of Inventor :

**1)SANJU KUMARI
2)PUSHPLATA
3)NEELIMA GARG
4)V.K.. TYAGI
5)PARVEEN GOGIA
6)R.K. DIWAN
7)U.K. NIYOGI
8)R.K. KHANDAL**

(57) Abstract :

This invention relates to a process for preparation of contact lens with improved hydrophilicity comprising of copolymerization of hydroxy ethyl methacrylate with a monomer by mixing an initiator and cross linker to obtain a formulation subjected to polymerization.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3186/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LIGHTING MODULE AND LIGHTING DEVICE

(51) International classification	:F03B
(31) Priority Document No	:20 2011 1003 686.7
(32) Priority Date	:25/07/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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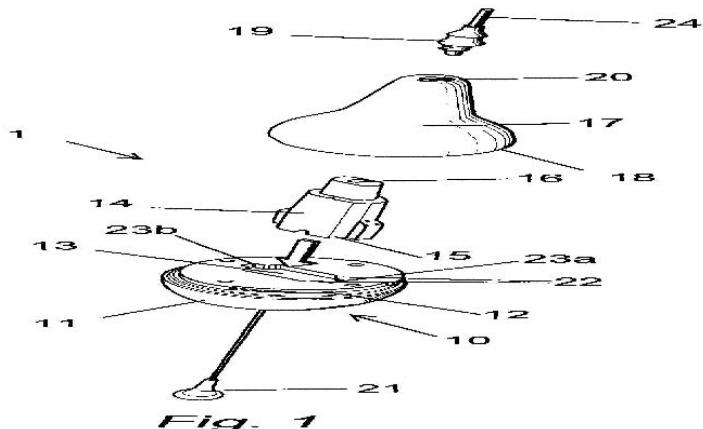
Address of Applicant :FLOJELBERGSGATAN 12, SE-431
37 MOLNDAL, SWEDEN

(72)Name of Inventor :

1)ADEMA, MAURICE RAYMOND

(57) Abstract :

A lighting module (10) comprising a lighting means (11); a first electrical fitting (13) comprising electrical connectors connected to the lighting means (11) for allowing provision of electrical energy from a battery (14) to the lighting means (11); and a first mechanical fitting (12) for allowing attachment of a back module (17) enclosing the battery (14) to the lighting module (10), wherein the first mechanical fitting (12) is configured to interact with a second mechanical fitting (18) comprised comprised in the back module (17) to attach the back module (17) to the lighting module (10) through rotation of the lighting module (10) relative to the back module (17). Figure for abstract: Fig 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3321/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DELIVERY APPARATUS FOR A GLASS MANUFACTURING APPARATUS AND METHODS

(51) International classification	:B63B
(31) Priority Document No	:12/952,477
(32) Priority Date	:23/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NEW YORK 14831, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)RICHARD BERGMAN

2)RAYMOND E. FRALEY

(57) Abstract :

Delivery apparatus include an electrical circuit configured to heat a linear conduit and an elbow conduit. A first electrode can be mounted to an upstream portion of the linear conduit, a second electrode can be mounted downstream of the upstream portion, and a third electrode can be mounted to a curved segment of the elbow conduit within a footprint extension of a first passage of the linear conduit. In further examples, a delivery apparatus includes an electrical circuit with a first electrode mounted to an upstream portion of a linear conduit, a second electrode mounted to a downstream portion of the linear conduit, and a third electrode mounted to an elbow conduit. In still further examples, methods of heating molten glass include application of an electrical current such that neither a current flux through a linear conduit nor a current flux through an elbow conduit exceeds 8 amps/mm .

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3322/DEL/2011 A

(43) Publication Date : 01/02/2013

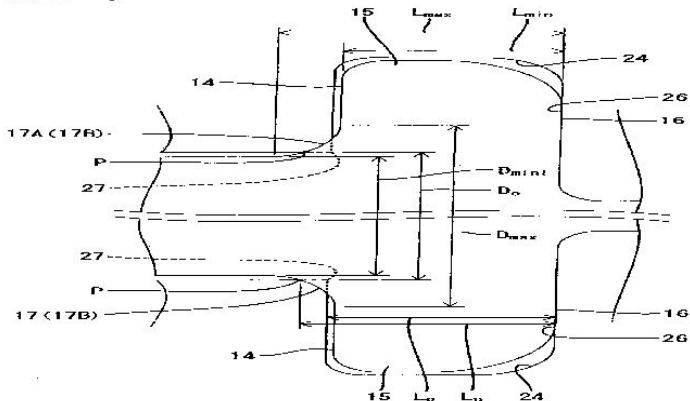
(54) Title of the invention : CONNECTOR

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:JP2010-	1)SUMITOMO WIRING SYSTEMS, LTD.
	265061	Address of Applicant :1-14, NISHISUEHIRO-CHO,
(32) Priority Date	:29/11/2010	YOKKAICHI-CITY, MIE 510-8503, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIROYUKI OOMORI
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to reliably prevent backlash in two directions perpendicular to each other. A housing 10 (first component) made of synthetic resin is formed with a pair of interference surfaces 17A, 17B symmetrical with respect to a virtual axis of symmetry S and oblique to the virtual axis of symmetry S and receiving portions 16 spaced apart from the interference surfaces 17A, 17B in a direction of the virtual axis of symmetry S. Both upper and lower covers 21A, 21B (second component) constituting a wire cover 20 (second component) are formed with a pair of interference portions 27 which come into contact with only parts of the pair of interference surfaces 17A, 17B, and contact portions 26 which come into contact with the receiving portions 16. In a state where the housing 10 and the wire cover 20 are connected and the receiving portions 16 and the contact portions 26 are held in contact, the pair of interference portions 27 come into contact with the pair of interference surfaces 17A, 17B to be plastically deformed. FIG. 4

FIG. 4



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3402/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONNECTING DEVICE ADAPTABLE TO DIFFERENT CONTACTORS

(51) International classification	:H01S
(31) Priority Document No	:11/50154
(32) Priority Date	:10/01/2011
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB FRANCE

Address of Applicant :9, AVENUE EDOUARD BELIN 92500
RUEIL-MALMAISON FRANCE

(72)Name of Inventor :

1)PORTIER ALAIN

(57) Abstract :

The present invention relates to a device (30) for connecting a terminal of an operating coil (8) of an electromagnetic contactor (100a, 100b, 100c, 100d), said contactor comprising an insulating body (2) and an operating coil (8) housed in the insulating body, the connecting device (30) comprising a first connecting piece (11, 12) electrically connected to a terminal of the operating coil (8), a second connecting piece (50) arranged in the contactor (100) opposite a surface of the contactor (100) so as to be accessible from the outside of the insulating body (2) of the contactor in order to enable the electrical connection between the contactor and an outside module (20b), and at least one connecting member (40) comprising a first connecting portion (41) arranged to ensure the electric contact with the first connecting piece (11, 12) according to at least two different relative positions between the first connecting portion (41) and the first connecting piece (11, 12), and a second connecting portion (43) arranged to ensure the electric contact with the second connecting piece (50) according to at least two different relative positions between the second connecting portion (43) and the second connecting piece (50), the conducting member (40) being arranged according to at least one first position or a second spatial position between the first and second connecting pieces (57) according to the relative positions of the first connecting portion (41) relative to the first connecting piece (11, 12) and the second connecting portion (43) relative to the second connecting piece (50).

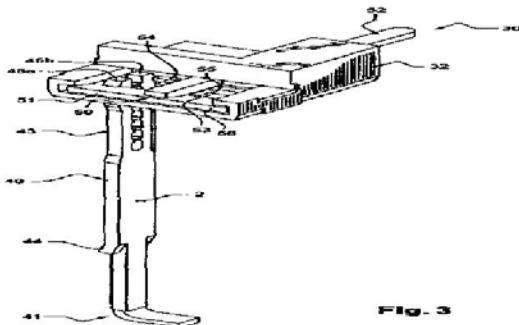


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.3345/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CLIP.

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-262450	1) DAIWA KASEI KOGYO KABUSHIKI KAISHA Address of Applicant :1, AZA KAMIHIRACHI, HOBO-CHO, OKAZAKI-SHI, AICHI-KEN Japan
(32) Priority Date	:25/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1) IWAHARA, TOSHIO 2) UKAI, JUNYA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A clip may include an anchor portion that is configured to be inserted into an insertion hole formed in a subject member. The anchor portion has at least a pair of pillars that are positioned across an axis of the anchor portion, and flexible strips that are respectively connected to the pillars so as to be projected outward therefrom. The pillars are configured to be flexed about proximal ends thereof in a direction in which the pillars can intersect with each other. The flexible strips are configured to engage a periphery of the insertion hole formed in the subject member when the anchor portion is inserted into the insertion hole, so as to hold the anchor portion on the subject member with a retention force. The pillars can be applied with a flexing force when an extraction force greater than the retention force of the anchor portion is applied to the anchor portion, so as to be flexed in the direction in which the pillars can intersect with each other.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3404/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AEROFOIL

(51) International classification	:B62K
(31) Priority Document No	:1020426.1
(32) Priority Date	:02/12/2010
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AGUSTAWESTLAND LIMITED

Address of Applicant :WESTLAND WORKS, YEOVIL,
SOMERSET, BA20 2YB, UNITED KINGDOM

(72)Name of Inventor :

1)BROCKLEHURST, ALAN

(57) Abstract :

An aerofoil has a main portion of aerofoil cross section, an inner spanwise root end where the aerofoil is in use secured to a supporting structure, and at an outermost spanwise end outboard of the main portion, beyond a tip station, a tip region, and the tip region including a tip edge, the planform configuration of the tip edge lying on a first Bezier curve constructed from at least four control points P1, P2, P3 and P4, the control points P1, P2, P3 and P4 each lying on the periphery of a polygon which bounds the tip region, Bezier control point P1 being located on a leading edge of the aerofoil at the tip station, which is at a spanwise position between 93.5%R and 95.9%R, where first and second sides of the polygon meet, the first side being at the tip station extending perpendicularly to a blade reference axis, which extends spanwise of the main portion of the aerofoil, and the second side being a tangent to the leading edge of the aerofoil at control point P1, which extends between control point P1 to a position where the second side meets a third side of the boundary polygon at a position outwardly of the tip edge, the third side being parallel to the first side and extending between the position where the third side meets the second side, to where the third side and a fourth side meet, control point P2 being located on the second side at a position between 30% and 80% along the second side from P1, control point P3 being located on the third side at a position between 30% and 90% along the third side from where the second and third sides meet, and control point P4 being located at the outermost tip edge point at a trailing edge of the aerofoil, where R is the effective aerofoil span.

No. of Pages : 40 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.361/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INDELIBLE INK FORMULATIONS FOR INSTANTANEOUS SKIN MARKING

(51) International classification	:G07C	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)RAJINDER KUMAR SHARMA 2)SUKHWANT SINGH BAWA
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 :

Present invention deals with an indelible ink formulation comprising a stainer composition optionally along with an activator composition to mark the voters finger instantaneously to prohibit fraudulent voting during elections. The Indelible ink penetrates spontaneously by reacting with the organic materials/ proteins of the voters finger skin/ nail and will definitely leave a semi-permanent, high contrast black stain on the finger which cannot be eliminated by chemical and mechanical manipulations with the use of a high tech applicator by dispensing about 100 nL of the solution to make it very cost effective. Stain appears within 1 to 3 seconds and develops fully in less than a minute. Activator solution and stainer solution requirement per vote is in the range of 9 to 11 µl and about 1 µl respectively to give significant marking on a finger.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3316/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPRESSOR BLADE WITH FLEXIBLE TIP ELEMENTS AND PROCESS THEREFOR

(51) International classification	:B23B
(31) Priority Document No	:12/955009
(32) Priority Date	:29/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)CAIRO, RONALD RALPH

2)NELSON, WARREN ARTHUR

(57) Abstract :

A compressor blade (22) and process for inhibiting rub encounters between a blade tip (26) of the blade (22) and an interior surface (42) of a case (24) that surrounds the rotating hardware within a compressor section (20) of a turbomachine. The compressor blade (22) includes a cap (28) that defines the blade tip (26) at a radially outermost end of the blade (22), and a plurality of flexible elements (30) extending from a surface (26) of the cap (28) that defines the blade tip (26). The flexible elements (30) extend from the surface (26) in a span-wise direction of the blade (22), and are operable to become rigid due to centrifugal stiffening at compressor operating speeds and, optionally, cut a groove (44) the interior surface (42) of the case (24).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3318/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PERFORMING A CONTINUITY TEST ON A LIGHTING CONDUCTION SYSTEM OF A WIND TURBINE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/955412	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/11/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)OLSON, STEVEN HAINES 2)MISHRA, DEBASISH 3)FRITZ, PETER JAMES
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system (100) and method for performing a continuity test on a lightning conduction system (20) of a wind turbine (10) are disclosed. The system (100) generally includes a testing device (102) having a blade ring (140) configured to be positioned around at least a portion of an outer perimeter of a rotor blade (16) of the wind turbine (10). A carriage (106) may be attached to the testing device (102) and a cable (108) may be attached to the carriage (106). The cable (108) may generally extend between a first anchor point (110) and a second anchor point (112), wherein the anchor points (110, 112) are spaced apart from one another such that a lightning receptor (22) of the lightning conduction system (20) is disposed between the anchor points (110, 112). Additionally, the cable (108) may be coupled between the anchor points (110, 112) such that, as the cable (108) is displaced, the testing device (102) is moved to a position at which an electrically conductive member (104) of the testing device (102) contacts the lightning receptor (22).

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.3377/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ENCODING APPARATUS, ENCODING METHOD, DECODING APPARATUS, DECODING METHOD, AND PROGRAM

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:P2010-270544	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO,JAPAN
(32) Priority Date	:03/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YASUHIRO TOGURI 2)JUN MATSUMOTO 3)YUUJI MAEDA 4)SHIRO SUZUKI 5)YUUKI MATSUMURA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An encoding apparatus includes a time-frequency transform unit that performs a time-frequency transform on an audio signal, a normalization unit that normalizes a frequency spectral coefficient obtained by the time-frequency transform in order to generate encoded data of the audio signal, a level calculation unit that calculates a level of the audio signal, a scale factor changing unit that changes a concealment scale factor included in encoded concealment data obtained by performing, on the basis of the level of the audio signal, a time-frequency transform and normalization on a minute noise signal, the concealment scale factor being a scale factor relating to a coefficient used for the normalization, and an output unit that outputs the encoded data of the audio signal generated by the normalization unit or outputs, as encoded data of the audio signal, the encoded concealment data whose concealment scale factor has been changed.

No. of Pages : 66 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3717/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REINFORCEMENT SYSTEM FOR WIND TURBINE TOWER

(51) International classification

:B23B

(31) Priority Document No

:12/972841

(32) Priority Date

:20/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:na

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)FANG, BIAO

2)WALTHERS, RUSSELL EARLE

3)TICHICH, NICHOLAS ALIE

4)OLSON, MICHELLE LEA

5)BRZEZINSKI, RONALD JOHN

(57) Abstract :

A reinforcement system (50) and a method for reinforcing a tower (12) of a wind turbine (10) are disclosed. The method includes providing a tower (12), the tower (12) comprising at least one generally cylindrical tower section (20), the at least one tower section (20) having an exterior wall (22) and an interior wall (24) defining a height (26) and a thickness (28) there between. The method further includes performing a structural analysis of the tower (12) to identify potential load limiting locations and, after performing the structural analysis, mounting at least one reinforcing member (60) to the interior wall (24) of the at least one tower section (20) to reinforce the at least one tower section (20) at the potential load limiting locations.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.3420/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ENGINE CONTROL UNIT

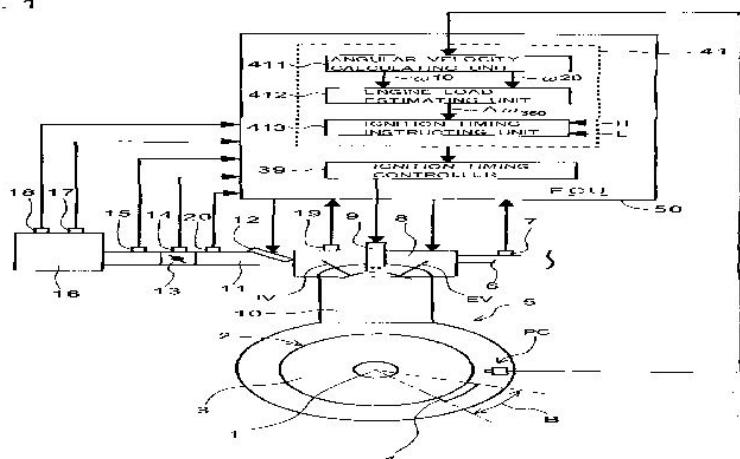
(51) International classification	:H01S	(71)Name of Applicant :
(31) Priority Document No	:2010-282089	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:17/12/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KENZI NISHIDA 2)TETSUYA KANEKO 3)TOMIYUKI SASAKI 4)KOJI AOKI 5)RANJU IMAO 6)KAZUTO FUKUZAWA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To prevent a reduction in engine load detection accuracy due to variations in reluctor size within mass production tolerances.

[Solution] An engine control unit includes a pulse generator PC that detects a reluctor 4 to output crank pulses. An angular velocity calculating unit 411 calculates a first crank angular velocity ω_{10} on the basis of an interval between two crank pulses output in a predetermined section near compression top dead center TDC, and detects near overlap top dead center OLP the same reluctor 4 used for calculating the first crank angular velocity ω_{10} to calculate a second crank angular velocity ω_{20} on the basis of an interval between generated two crank pulses. An engine load estimating unit 412 calculates, as an engine load, a difference $\Delta\Omega_{360}$ between the first crank angular velocity ω_{10} and the second crank angular velocity ω_{20} . The engine load is indicated mean effective pressure IMEPNET over a whole cycle including negative work done by the engine 5. [Selected Drawing] Fig. 1

FIG. 1



No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.3681/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PERMANENT MAGNET ELECTRIC MACHINE HAVING AN INTEGRATED MAGNETIC FLUX SENSOR

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:13/007,224	1)REMY TECHNOLOGIES, L.L.C.
(32) Priority Date	:14/01/2011	Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, INDIANA 46064 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)FULTON, DAVID A.
Filing Date	:NA	2)CHAMBERLIN, BRADLEY D.
(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 permanent magnet electric machine that includes a housing, a stator mounted within the housing, a rotor assembly, a plurality of permanent magnets mounted within the rotor assembly, and a magnetic flux sensor arranged within the housing. The magnetic flux sensor includes a sensing surface configured and disposed to detect magnetic flux leaking from the rotor assembly.

No. of Pages : 12 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.3693/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CIRCUIT FUNCTIONAL TEST SYSTEM AND METHOD

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/971179	1)HYDRIL USA MANUFACTURING LLC
(32) Priority Date	:17/12/2010	Address of Applicant :3300 NORTH SAM HOUSTON PARKWAY EAST HOUSTON, TEXAS 77032, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JUDGE, ROBERT ARNOLD
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 :

Method and deadman test circuit for testing a functionality of a shearing blowout preventer. The circuit includes a solenoid valve configured to be electrically controlled and to receive a fluid under a first pressure; a sub plate mounted valve configured to be hydraulically controlled by the solenoid valve and to receive the fluid under a second pressure; and a selector valve fluidly connecting an output of the sub plate mounted valve to a shearing blowout preventer and to a device. The selector valve is configured to be operated by an operator.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3711/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HYDRAULIC YAW DRIVE SYSTEM FOR A WIND TURBINE AND METHOD OF OPERATING THE SAME

(51) International classification	:A64D
(31) Priority Document No	:12/973221
(32) Priority Date	:20/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)EDENFELD, THOMAS

2)SIEBERS, THOMAS

(57) Abstract :

A yaw drive system for a wind energy system includes a hydraulic yaw motor for adjusting the yaw angle of a nacelle of a wind energy system, at least one hydraulic pump adapted for providing a pressurized hydraulic fluid, a hydraulic line system, including at least one line connecting the at least one hydraulic pump and the at least one hydraulic yaw motor, and at least one overpressure valve. The at least one overpressure valve is connected to a flow path of the hydraulic fluid between the at least one hydraulic pump and the at least one hydraulic motor. Further, a method for changing a yaw angle of a wind turbine nacelle is provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3723/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : Electrical Assembly And Method For Making The Same

(51) International classification

:H03F

(31) Priority Document No

:12/974494

(32) Priority Date

:21/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

An electrical assembly for use with a rotary transformer (10) is provided. The electrical assembly includes a assembly structure having a first flange positioned proximate a first end portion (118 218) of the assembly structure and a second flange (116 216) positioned proximate a second end portion (120 220) of the assembly structure. The electrical assembly further includes at least one lamella (106 206) coupled to the assembly structure. The at least one lamella extends from the first flange to the second flange.

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

(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)FISENI Alexander Felix

2)HEMMELMANN Jan

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.3727/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR APPLYING A SUBSTANCE TO AN EMBROIDERY PRODUCT, AND EMBROIDERY MACHINE WITH APPLICATION DEVICE

(51) International classification	:G06T
(31) Priority Document No	:02134/10
(32) Priority Date	:21/12/2010
(33) Name of priority country	:Switzerland
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAESSER AG

Address of Applicant :HOHENEMSERSTRASSE 17, 9444
DIEPOLDSAU, SWITZERLAND

(72)Name of Inventor :

1)FRANZ LAESSER

(57) Abstract :

A method serves to apply at least one substance to an embroidery base in a pre-programmed pattern by means of an embroidery machine. Controlled by an embroidery machine program, a relative movement is generated between at least one application device and the embroidery base and at least one substance is sprayed onto the embroidery base. The application device for applying the substance can for example contain a spray device for spraying the substance and at least one support which serves firstly to hold the spray device and secondly to attach the spray device to an embroidery machine. The embroidery machine, in particular designed as a shuttle embroidery machine or multi-head embroidery machine, comprises a multiplicity of needle locations and at least one application device. With such an embroidery machine, embroidery patterns and printed patterns can be applied efficiently to an embroidery base with a preset relationship to each other. (Fig. 1)

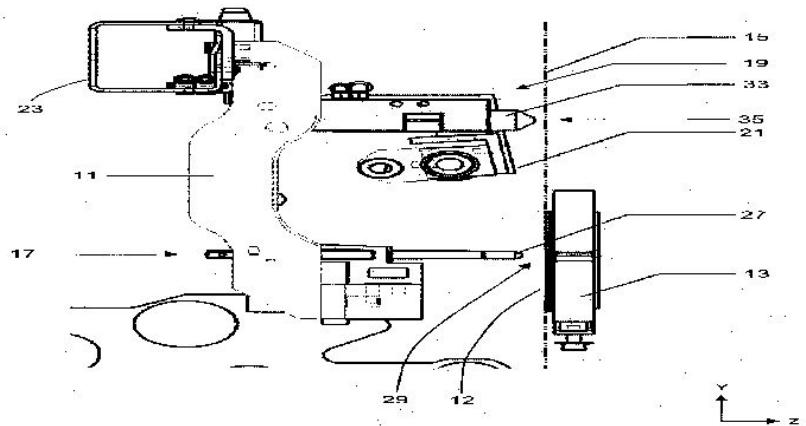


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.3747/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : Wind Turbine And Operating Same

(51) International classification

:B23B

(31) Priority Document No

:12/976530

(32) Priority Date

:22/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A method for operating a wind turbine erected in a body of water comprising: measuring a frequency spectrum of vibrations of the wind turbine during operation; identifying at least one periodic component of said measured frequency spectrum wherein said periodic component is associated with interaction of said body of water and said wind turbine; and operating at least one controller of said wind turbine so that water-induced vibrations are reduced.

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

(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)SCHOLTE-WASSINK Hartmut

2)WICKSTROEM Anders

3)ESSING Martin

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3752/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR REALIZATION OF POLYMERIC MATERIALS WITH SECOND ORDER NONLINEAR ELECTRO-OPTICAL PROPERTIES AND ELECTRO-OPTICAL DEVICES MADE WITH SAID MATERIAL

(51) International classification	:B23B	(71) Name of Applicant : 1)SELEX SISTEMI INTEGRATI S.P.A Address of Applicant :VIA TIBURTINA, 1231-00131 ROME, ITALY
(31) Priority Document No	:RM2010A000687	
(32) Priority Date	:23/12/2010	
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:NA	1)FABIO BORBONE
Filing Date	:NA	2)ANTONIO ROVIELLO
(87) International Publication No	:NA	3)ROBERTO CENTORE
(61) Patent of Addition to Application Number	:NA	4)ANTONIO CARELLA
Filing Date	:NA	5)FABIO DE MATTEIS
(62) Divisional to Application Number	:NA	6)MAURO CASALBONI
Filing Date	:NA	7)GLAUCO STRACCI
		8)MASSIMILIANO DISPENZA

(57) Abstract :

Process for realization of polymeric materials with second order nonlinear electro-optical properties and electro-optical devices made with said material. The present concerns a process for realization of polymeric materials with second order nonlinear electro-optical properties comprising the following steps: - mixing of a chromophore with nonlinear optical properties with two or three hydroxy groups in an isocyanate not reactive solvent containing an isocyanate compound with at least two isocyanate groups in order one or more bi- or tri-isocyanate NLO chromophores to be obtained; - isolation of said pure bi- or tri-isocyanate NLO chromophores obtained according to the above step; - dissolution of said bi- or tri-isocyanate NLO chromophores obtained according to the above step in one or more isocyanate group not reactive solvents containing reactive substances consisting of acyl-substituted or unsubstituted formamides and/or acylamides bearing as nitrogen substituents, independently, one or more hydrogen atoms, one or more alkyls substituted or unsubstituted with isocyanate moiety not reactive groups, one or more phenyl groups substituted or unsubstituted with isocyanate moiety not reactive groups, in order to obtain a prepolymer mixture consisting of said not reactive solvents and reaction products of said NLO bi- or tri-isocyanate chromophores and said reactive substances; - coating of a thin layer of said prepolymer mixture on a substrate and evaporation of said not reactive solvents; - cross-linking and poling of said thin layer on substrate, by means of heating and application of an electric field, in order a cross-linked and poled thin layer to be obtained; - cooling of said thin cross-linked and poled layer at ambient temperature maintaining the applied poling electric field; - switching off the poling electric field. The invention further concerns a process for the realization of an electro-optical device by definition of optical paths and driving electrodes in a polymeric material with second order nonlinear properties, comprising, following the steps of realization of said polymeric material with second order nonlinear electro-optical properties as previously defined, a step set of photolithographic definition and ionic erosion of said polymeric material, after a step for coating of a protecting buffer layer on said polymeric material layer, so as to maintain constantly embedded said layer of polymeric material in the areas involved in optical path realization during all the successive photolithographic definition and ionic erosion steps.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.3742/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR FABRICATING A SEMICONDUCTOR DEVICE PACKAGE

(51) International classification	:H01R
(31) Priority Document No	:12/975466
(32) Priority Date	:22/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)MCCONNELEE, PAUL ALAN

2)GOWDA, ARUN VIRUPAKSHA

(57) Abstract :

A method of fabricating a semiconductor device package is provided. The method includes providing a laminate comprising a dielectric film disposed on a first metal layer, said laminate having a dielectric film outer surface and a first metal layer outer surface; forming a plurality of vias extending through the laminate according to a predetermined pattern; attaching one or more semiconductor device to the dielectric film outer surface such that the semiconductor device contacts one or more vias after attachment; disposing an electrically conductive layer on the first metal layer outer surface and on an inner surface of the plurality of vias to form an interconnect layer comprising the first metal layer and the electrically conductive layer; and patterning the interconnect according to a predetermined circuit configuration to form a patterned interconnect layer, wherein a portion of the patterned interconnect layer extends through one or more vias to form an electrical contact with the semiconductor device. A semiconductor device package is also provided.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.3750/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A POROUS, DISSOLVABLE SOLID SUBSTRATE AND SURFACE RESIDENT STARCH PERFUME COMPLEXE

(51) International classification	:A61K 8/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/067131
Filing Date	:08/12/2009
(87) International Publication No	:WO 2010/077651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GLENN, ROBERT, WAYNE, JR.

2)KAUFMAN, KATHY, MARY

3)HUTCHINS, VIRGINIA, TZUNG-HWEI

4)DUBOIS, ZERLINA, GUZDAR

(57) Abstract :

The present invention relates to personal care compositions, especially those personal care compositions in the form of a personal care article that is a porous dissolvable solid substrate. The porous dissolvable solid substrate has a surface resident coating comprising the starch perfume complex that can provide a consumer benefit.

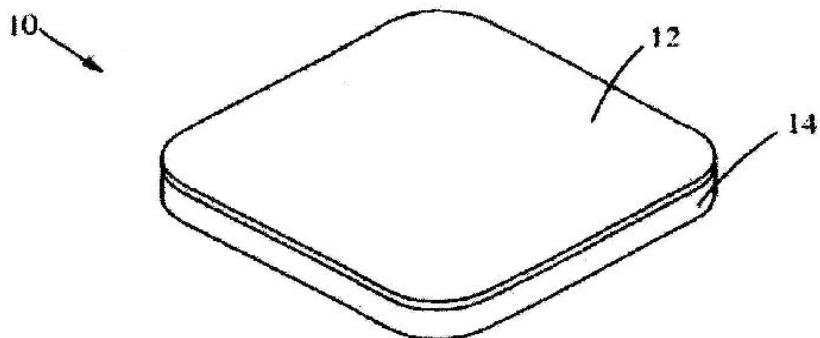


Fig. 1

No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3781/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR POWERING A VEHICLE

(51) International classification

:B23B

(31) Priority Document No

:12/981044

(32) Priority Date

:29/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GE AVIATION SYSTEMS LLC

Address of Applicant :3290 PATTERSON AVENUE, NE
GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.

(72)Name of Inventor :

1)TANEJA, DINESH NATH

(57) Abstract :

A method and system operating an aircraft system are provided. The gas turbine engine system includes a low-pressure (LP) shaft, a high-pressure (HP) shaft, a constant speed mechanical drive assembly having an input and an output, the input mechanically coupled to the LP shaft, the output mechanically coupled to a constant frequency (CF) electrical generator, and an accessory gearbox assembly having an input and an output, the input mechanically coupled to the HP shaft, the output mechanically coupled to a variable frequency (VF) electrical generator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.379/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A NOVEL PHAR MACEUTICAL COMPOSITION COMPRISING LEVOSULPIRIDE AND HYOSCINE BUTYL BROMIDE FOR THE TREATMENT OF SPASM RELATED GERD

(51) International classification	:A61K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-C, SARASWATI VIHAR, DELHI-34. India

(72)**Name of Inventor :**

1)MR. SANJEEV JAIN

(57) Abstract :

The present invention discloses a pharmaceutical formulation comprising Levosulpiride and Hyoscine butyl bromide for the treatment of spasm related GERD.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.38/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CATALYSTS AND PROCESS TO MANUFACTURE 2, 3, 3, 3,-TETRAFLUOROPROPENE

(51) International classification	:C07C 17/25
(31) Priority Document No	:61/183,674
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037179
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141664
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 MARKET STREET,
WILMINGTON, DELAWARE 19898, U.S.A.

(72)Name of Inventor :

1)NEPPA, MARIO, JOSEPH

2)JACKSON, ANDREW

(57) Abstract :

Disclosed is a process for the manufacture of 2,3,3,3-tetrafluoropropene comprising: (a) dehydrofluorinating 1,1,1,2,3-pentafluoropropane in the presence of a dehydrofluorination catalyst comprised of chromium (III) oxide, and alkali metal, to produce a product mixture comprising 2,3,3,3-tetrafluoropropene and less than 20 parts per hundred 1,3,3,3-tetrafluoro-1-propene; and (b) recovering said 2,3,3,3-tetrafluoropropene from the product mixture produced in (a).

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.3818/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SUPPORTING STRUCTURE OF INSTRUMENT PANEL

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-294506	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA 432-8611 Japan
(32) Priority Date	:29/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)HORINOUCHI, KAZUHIKO
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A side bracket is provided in an end portion in a longitudinal direction of a steering support member, the side bracket is coupled to a component in a vehicle body side, an instrument panel is supported by a steering support member, an extension bracket is provided in the side bracket, and a portion to be fixed formed in the extension bracket is fixed to a fixing portion formed in a side portion of an upper wall of the instrument panel.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3766/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER SWITCH CURRENT ESTIMATOR AT GATE DRIVER

(51) International classification	:B08B
(31) Priority Document No	:12/977480
(32) Priority Date	:23/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)CURBELO, ALVARO JORGE MARI

2)ZOELS, THOMAS ALOIS

(57) Abstract :

A power switch current estimator (10 for a solid state power switch (13). The power switch (13) includes a control terminal (22), an input current power terminal (16), and an output current power terminal (18). The power switch (13) is further configured with at least one sense terminal (20), (24). One or more parasitic elements define an electrical pathway between a power terminal (16), (18) and a corresponding sense terminal (20), (24). A driver unit (14) that selectively turns the power switch (13) on and off is connected to the control terminal (22) and a sense terminal (24). A current estimator (30) generates an estimated level of current circulating through the solid state power switch (13) in real time in response to one or more switching events of the power switch (13). The estimated level of current is based on values of at least one of the parasitic elements such that the estimated level of load current substantially corresponds to an actual level of load current circulating through the solid state power switch (13).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.3853/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR SWIRL BRAKE TAPERING

(51) International classification	:A61M
(31) Priority Document No	:CO2010A000070
(32) Priority Date	:30/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NUOVO PIGNONE S.P.A.

Address of Applicant :VIA FELICE MATTEUCCI, 2 50127
FLORENCE Italy

(72)**Name of Inventor :**

1)VANNINI, GIUSEPPE

2)NALDI, LORENZO

(57) Abstract :

Systems and methods provide for a seal with swirl brakes for reducing an inlet swirl. The swirl brakes include: the plurality of swirl brakes each configured to have a tooth shape which are disposed at a leading edge of a seal and are configured to have a gap between the plurality of swirl brakes and an outer surface of a rotating part, wherein each tooth has a first surface with a first predetermined length, a second surface connected to the first surface and having a predetermined angle with the first surface, a third surface which extends from an end of the second surface to a beginning of the seal section having a second predetermined length, wherein the third surface has a taper. (ADR/as)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.3855/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CO-ORDINATE MEASURING MACHINE

(51) International classification

:B23D

(31) Priority Document No

:10425404.0

(32) Priority Date

:30/12/2010

(33) Name of priority country

:EPO

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A co-ordinate measuring machine (1, 30, 31, 32) comprising a bed (2) provided with a horizontal measuring surface, a unit (3) that is mobile along guides (10, 11) carried by the bed (2) itself, an annular structure (13) extending along a perimetral area (12, 35, 38) of the bed (2) and constrained thereto by statically determinate means of constraint (20, 21, 22), and a plurality of displacement sensors (S1-S8; S11-S16) set between the annular structure (13) and one between the bed (2) and the mobile unit (3) for detecting relative displacements with respect to an initial reference condition.

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

(71)Name of Applicant :

1)HEXAGON METROLOGY S.P.A.

Address of Applicant :MONCALIERI, VIA VITTIME DI
PIAZZA DELLA LOGGIA, 6, ITALY

(72)Name of Inventor :

1)VERDI MICHELE

2)TARIZZO ALBERTO

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2011

(21) Application No.3865/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : JOINING METHOD AND JOINING TOOL

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:2011-005863	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:14/01/2011	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)YAMAUCHI RYO
Filing Date	:NA	2)KOBARI KENTARO
(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 joining method of a pair of workpieces each of which has a non-flat portion and an abutting surface continuous to the non-flat portion is performed by providing an extension portion on each of the workpieces, the extension portion having a surface continuous with the non-flat portion and the abutting surface and projecting outward from the workpiece, and holding the workpieces so as to form a joining line between the non-flat portions of the respective workpieces by bringing the abutting surfaces thereof into contact with each other. The joining is performed by using a joining tool having a substantially cylindrical shoulder portion and a projection projecting outward from a tip surface of the shoulder portion, in which the shoulder portion is pressed against the workpieces while rotating the joining tool so that the projection is positioned on the joining line, the rotating joining tool is moved along the joining line until the joining tool reaches the extension portions, and the extension portions are separated from the workpieces by pressing the joining tool against the extension portions with a force after the joining tool reaches the extension portions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2010

(21) Application No.3156/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A MECHANICALLY CONTROLLED VALVE TO CONTROL THE E.G.R (EXHAUST GAS RE-CIRCULATION).

(51) International classification	:F01N	(71) Name of Applicant :
(31) Priority Document No	:NA	1) ESCORTS LIMITED, AGRI MACHINERY GROUP
(32) Priority Date	:NA	Address of Applicant :18/4, MATHURA ROAD,
(33) Name of priority country	:NA	FARIDABAD-121 007 Haryana India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1) VIKAS DHIMAN
(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 mechanically controlled valve to control the E.G.R (Exhaust gas re-circulation) at higher speeds & high engine back pressures.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3331/DEL/2011 A

(43) Publication Date : 01/02/2013

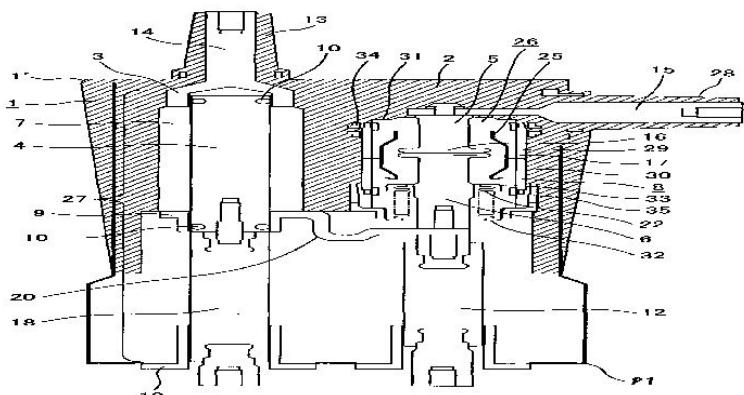
(54) Title of the invention : SWITCH UNIT AND SWITCHGEAR EQUIPPED THEREWITH

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:2010-265900	1) HITACHI LTD.
(32) Priority Date	:30/11/2010	Address of Applicant : 6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280, JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1) YAMAZAKI MIKI 2) TSUCHIYA KENJI 3) MORITA AYUMU 4) UTSUMI TOMOAKI
(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 :

In order to improve cooling performance of a switch unit or switchgear equipped with the switch unit, the switch unit (46) includes a switch (26) having a movable electrode (17) and a fixed electrode (16) and is casted as one body with a resin (2), the resin is provided with resin fins (1, 41), and the thickness of the resin fin is changed so that the resin fin has a thickness sloped in the longitudinal direction of the resin fin. (Selected Drawing) Fig. 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2010

(21) Application No.414/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HELICOPTER ROTOR

(51) International classification	:F02B
(31) Priority Document No	:09425077.6
(32) Priority Date	:25/02/2009
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AGUSTA S.p.A

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(72)Name of Inventor :

1)NANNONI Fabio

2)BALLERIO Dante

3)ABDEL NOUR Pierre

4)COLOMBO Attilio

(57) Abstract :

A rotor (3, 3') for a helicopter (1), having a drive shaft (10) rotating about a first axis (A); a hub (11) angularly integral with the drive shaft (10) about the first axis (A); and at least two blades (12) projecting from the hub (11) on opposite sides of the first axis (A) and elongated along respective second axes (B) crosswise to the first axis (A); each blade (12) is movable with respect to the hub (11) and to the other blade (12) about a respective third axis (C) crosswise to the respective second axis (B); the rotor (3, 3') has at least two dampers (40) for damping oscillation of respective blades (12) about the respective third axes (C), and which have respective first portions (41) movable integrally with the respective blades (12) about the respective third axes (C); and the dampers (40) have respective second portions (42; 46a, 46b) connected elastically to the respective first portions (41) and functionally to each other.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4269/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PURIFICATION OF PROTEINS

(51) International classification	:C07K 1/32
(31) Priority Document No	:61/201,880
(32) Priority Date	:16/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/006363
Filing Date	:02/12/2009
(87) International Publication No	:WO 2010/074702
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MILLIPORE CORPORATION

Address of Applicant :290 CONCORD ROAD, BILLERICA,
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(72)Name of Inventor :

1)WILSON MOYA

2)JAD JABER

(57) Abstract :

The present invention relates to a bimodal polymer such as a soluble polymer capable of irreversibly binding to insoluble particulates and a subset of soluble impurities and also capable of reversibly binding to one or more desired biomolecules in an unclarified biological material containing stream and the methods of using such a material to purify one or more desired biomolecules from such a stream without the need for prior clarification. Such a polymer comprises domains of charged pendant groups such as primary, secondary, tertiary or quaternary amines, (first mode) and is rendered insoluble and precipitates out of solution simply upon complexing with oppositely charged solid particulates and a fraction of the soluble impurities in an amount sufficient to form an aggregate that can no longer be held in solution. The polymer further comprises other domains of pendant groups that are charged or uncharged, hydrophilic or hydrophobic or have a ligand that is selective for the biomolecule of interest depending on the process conditions such as pH, ionic strength, salts, and the like (second mode). When present in one mode, such as the uncharged form, said pendant groups are capable of binding to one or more desired biomolecules within the stream (protein, polypeptide, etc) in an unclarified cell broth. The precipitate can then be removed from the stream, such as by being filtered out from the remainder of the stream and the desired biomolecule is recovered such as by selective elution.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.43/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ARRANGEMENT FOR CONNECTING TWO SUCCESSIVE CONTACT LINE RAILS.

(51) International classification	:H01R 25/14
(31) Priority Document No	:10 2009 034 792.5
(32) Priority Date	:25/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060309
Filing Date	:16/07/2010
(87) International Publication No	:WO 2010/012466
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DEMAG CRANES & COMPONENTS GMBH

Address of Applicant :RUHRSTR. 28, 58300 WETTER,
GERMANY

(72)**Name of Inventor :**

1)LINDENAU, THOMAS

2)KREBS, WOLFGANG

3)OEMUS, KLAUS-DIETER.

(57) Abstract :

The invention relates to an arrangement for connecting two successive contact line rails, each made of a longitudinal plastic profile and of at least one contact rail extending along the contact line rails, having a contact rail connector connected to the opposing ends of the contact rails of two successive contact line rails, electrically and mechanically connecting the contact rail ends of the contact rails, and having additional elements attached at the opposing rail ends of the contact line rails of two successive contact line rails, covering the contact rail connectors and displaceable relative to the intermediate element in the longitudinal axis thereof. In order to provide an arrangement for compound two successive contact line rails that is simple to produce and allows uncomplicated assembly, the invention proposes that an intermediate element (8a, 8b) is attached at each of the opposing rail ends (7a, 7b) of the contact line rails (la, lb) to be connected and the additional elements (11a, 11b) are attached to the intermediate elements (8a, 8b).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2010

(21) Application No.439/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FIRE PROTECTIVE LIGHT WEIGHT FABRIC AND PROCESS FOR PREPARATION THEREOF

(51) International classification

:D01F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Director General Defence Research & Development Organisation
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(72)Name of Inventor :

**1)Raj Pal Singh
2)Praveen Rajput
3)Monika Gandhi
4)Gautam Prakash Kashyab**

(57) Abstract :

A three-layered fire protective fabric which is particularly useful for fabrication of 'fire Approach suit', which enables fireman to operate in close APPROACH of fire having temperature as high as 1120 °c for short periods up to 10 minutes from a distance of 05 meters. The outer shell is woven fabric made by cotton line spinning technique. It is made out of a fabric consisting a blend of high heat, high flame resistant materials such as Basofil, Carbon & Nomex. The moisture barrier is a woven fabric made by cotton line spinning technique. It is made of a fabric consisting of a blend of high heat, flame resistant materials (such as Basofil, Carbon & Nomex). It is coated on both sides with Neoprene rubber to minimize liquid moisture absorption. The face cloth is made up of fire retardant cotton fabric.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4648/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING THE ROLLING ELEMENTS OF A BALL ROLLER BEARING

(51) International classification	:B21K 1/02
(31) Priority Document No	:10 2008 064 154.4
(32) Priority Date	:19/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/066591
Filing Date	:08/12/2009
(87) International Publication No	:WO 2010/069817
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :INDUSTRIESTRASSE 1-3, 91074
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(72)Name of Inventor :

1)KURT BESENBECK
2)HORST DOPPLING
3)HEINRICH HOFMANN

(57) Abstract :

The invention relates to a method for producing the rolling elements of a ball roller bearing, which rolling elements are designed as ball rollers (1), for the production of which essentially the following method steps are carried out: A) Cutting off of blank segments (7) of defined length from a round wire of defined diameter, B) Compression molding of ball roller blanks (8) with end depressions (4, 5) in the form (9) of an impression die (10), C) Grinding of the ball roller blanks (8) in a ball grinding machine to the desired final dimensions. According to the invention, the cut-off blank segments (7) have a volume which, during their compression molding, gives rise, on the one hand, to approximately tangential raceway transition (11) from one ball roller half to the other ball roller half and, on the other hand, beneath the running surfaces (6) of the ball rollers (1), to material fibers (12) proceeding parallel or approximately parallel to these running surfaces (6). Moreover, the grinding of the ball roller blanks (8) to their final dimensions takes place in a horizontal ball grinding machine (13) fed solely with ball roller blanks (8) of identical size. Figure 1

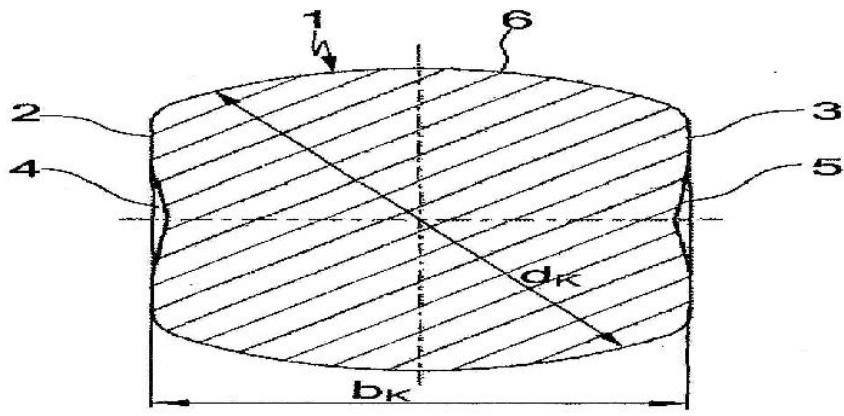


Fig. 1

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.512/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER EXTRACTION FROM DIRECT CURRENT POWER SOURCES

(51) International classification	:G01D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

A device for extracting power from at least one direct current (dc) power source is described herein. The device includes at least one dc-to-dc converter having at least one first switch and at least one second switch. The device further includes at least one control circuit coupled to the at least one dc-to-dc converter, wherein the at least one control circuit is configured to control operation of the at least one first switch based at least on a terminal voltage and an output current of the at least one dc power source. The device ensures that the dc power source provides power in accordance with its power generating capacity.

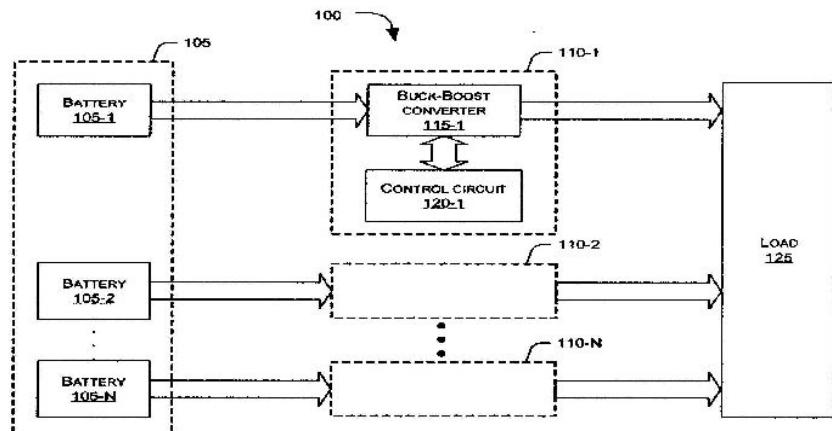


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.39/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING CORROSION PITTING IN GAS TURBINES

(51) International classification	:G01N 27/90
(31) Priority Document No	:12/479396
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057852
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/139795
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NUOVO PIGNONE S.P.A.

Address of Applicant :VIA FELICE MATTEUCCI, 2 50127
FLORENCE, ITALY

(72)Name of Inventor :

1)CESCHINI, GIUSEPPE FABIO

2)IOZZELLI, FEDERICO

(57) Abstract :

Methods and apparatuses for detecting corrosion in one or more blades of a gas turbine system includes a detection head having a shape that conforms to a surface geometry of a fillet section of a gas turbine blade, whereby the detection head is operable to move along the axial length of the fillet section for detecting corrosion pitting. At least one coil device located within the detection head induces a first magnetic field within an area of the fillet in contact with the detection head. A receiver device is adapted to detect a signal corresponding to a second magnetic field received from the area of the fillet exposed to the first magnetic field, where the second magnetic field is generated by induced currents in the area by the first magnetic field. A signal processing device then processes the detected signal for correlating a corresponding amplitude of the detected signal with the presence of corrosion pitting in the area such that the presence of corrosion pitting is determined without any casing disassembly of the gas turbine system. Ref. Fig : Figure 1A

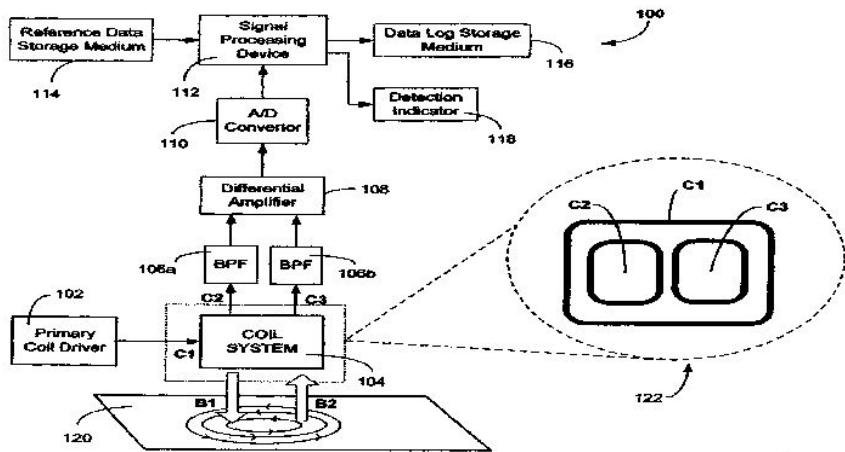


FIG. 1A

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.3992/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR TRANSFERRING ARTICLES AND CONVEYOR SYSTEM COMPRISING SAID DEVICE

(51) International classification	:B61J 1/08	(71) Name of Applicant :
(31) Priority Document No	:10 2008 059 711.2	1)EISENMANN AG
(32) Priority Date	:29/11/2008	Address of Applicant :TUBINGER STR. 81, 71032
(33) Name of priority country	:Germany	BOBLINGEN, GERMANY
(86) International Application No	:PCT/EP2009/008477	(72) Name of Inventor :
Filing Date	:27/11/2009	1)JEAN-MARC HUGUENIN
(87) International Publication No	:WO 2010/060642	2)ALEXANDER SCHURBA
(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 device for transferring a transport car (20) which can be displaced on a track system (12) from a first track section (14) of the track system (12) that is arranged on a first level, to a second track section (15) of the track system (12) that is arranged on a second level different from the first level. The device (34; 1034; 2034; 3034) comprises at least one first and one second transfer carriage (42; 1042; 2042; 3042; 60; 1060; 2060; 1060) which can carry at least one respective transport car (20) to be transferred and which can be displaced in opposite directions on two different levels. The invention further relates to a conveyor system for transporting articles, comprising said transfer device (34; 1034; 2034; 3034).

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.505/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR PREPARING STRONTIUM BISMUTH TITANATE CERAMICS
(SRBi4Ti4O15)WITH HIGH PIEZOELECTRIC CHARGE COEFFICIENT

(51) International classification

:C04B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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MARG, NEW DELHI-110011 India

(72)Name of Inventor :

1)AJIT RAYMOND JAMES

(57) Abstract :

This invention relates to a process for preparing strontium bismuth titanate ceramics (SrBi₄Ti₄O₁₅) with high piezoelectric charge coefficient comprising steps of milling of powders of Bi₂O₃, SrCO₃ and TiO₂, calcination of the powders followed by crushing, sieving and sintering.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.515/DEL/2011 A

(43) Publication Date : 01/02/2013

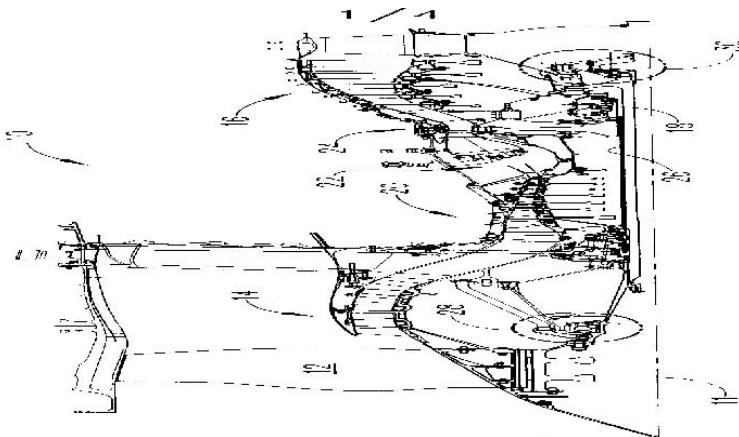
(54) Title of the invention : DUAL INLET AIR-OIL SEPARATOR

(51) International classification :E21B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.
(72)Name of Inventor :
1)FANG NING
2)MOSCARINO GARY P.
3)GRACE EDWARD WILLIAM
4)FREDE MICHAEL TIMOTHY
5)JOSHI HRISHIKESH

(57) Abstract :

An air-oil separator apparatus includes: an inner plate including an inner rim located in a radially outer region from an axis of rotation, where a plurality of passages extend through the inner rim; and an outer plate having an open central portion and including an outer rim located in a radially outer region from the axis, where a plurality of passages extending through the rim. The outer plate is disposed in a fixed relative position axially adjacent to the inner plate, such that a portion of the outer plate overlaps the rim of the inner plate in a radial direction and the outer rim lies radially outward from the inner rim. The inner and outer plates cooperatively define an annular forward cavity therebetween. An annular cover is coupled to the outer plate, such that the cover, the inner plate, and the outer plate cooperatively enclose a separator cavity.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2011

(21) Application No.5124/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GENOME EDITING IN RATS USING ZINC-FINGER NUCLEASES

(51) International classification	:A01K 67/027
(31) Priority Document No	:61/200,985
(32) Priority Date	:04/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/006365
Filing Date	:03/12/2009
(87) International Publication No	:WO 2010/065123
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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94804, UNITED STATES OF AMERICA

2)SIGMA ALDRICH COMPANY

(72)**Name of Inventor :**

1)CUI, XIAOXIA

2)GEURTS, ARON M.

3)URNOV, FYODOR

(57) Abstract :

Disclosed herein are methods and compositions for genome editing of one or more loci in a rat, using fusion proteins comprising a zinc-finger protein and a cleavage domain or cleavage half-domain. Polynucleotides encoding said fusion proteins are also provided, as are cells comprising said polynucleotides and fusion proteins.

No. of Pages : 118 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.525/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR PRODUCING XYLOOLIGOSACCHARIDES FROM FINGER MILLET STRAW

(51) International classification	:C13K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)ASHIS KUMAR SAMANTA

2)SWARAJ SENANI

3)ATUL P. KOLTE

4)MANPAL SRIDHAR

5)NATALSHA JAYAPAL

(57) Abstract :

The invention relates to a process for producing xylooligosaccharides from finger millet straw comprising the steps of subjecting the finger millet straw to a stepwise treatment with alkali followed by autoclaving the mixture and centrifugation to obtain a supernatant, reducing the pH of the supernatant and cooling the same to obtain xylan, subjecting xylan to hydrolysis with a mineral acid followed by addition of a base to raise the pH of the hydrolyzed mixture, centrifugation of the reaction mixture to obtain a supernatant, filtering the same to obtain a filtrate containing xylooligosaccharides, followed by freeze drying the filtrate to obtain the xylooligosaccharides.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.5483/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SOLID TITANIUM CATALYST COMPONENT

(51) International classification	:C08F 4/654
(31) Priority Document No	:2005-011512
(32) Priority Date	:19/01/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/300774
Filing Date	:19/01/2006
(87) International Publication No	:WO 2006/077946
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5719/DELNP/2007
Filed on	:24/07/2007

(71)Name of Applicant :

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2)HISAO HASHIDA

3)TOSHIYUKI TSUTSUI

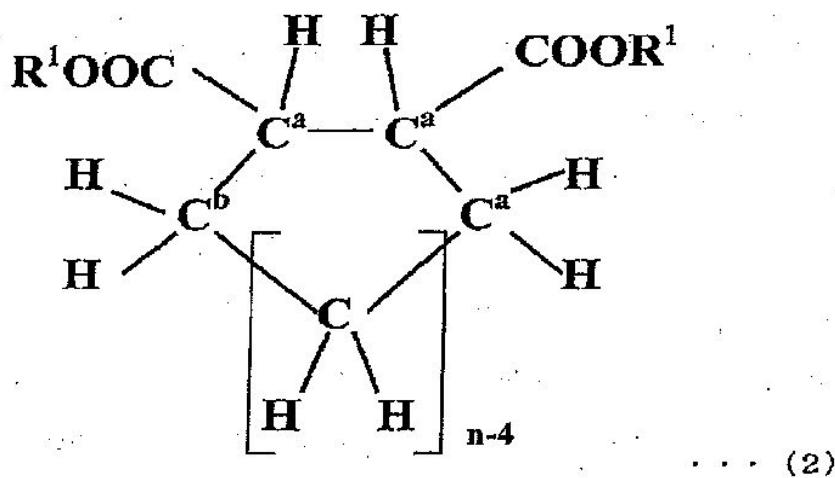
4)KUNIO YAMAMOTO

5)ATSUSHI SHIBAHARA

6)TETSUNORI SHINOZAKI

(57) Abstract :

A solid titanium catalyst component (1-1), comprising titanium, magnesium, halogen, and a cyclic ester compound (a -1) specified by the following formula (2). wherein n is an integer of 5 to 10; a single bond (excluding Ca-Ca bonds and a Ca-Cb bond) in the cyclic backbone may be replaced with a double bond; R1 s are each independently a monovalent hydrocarbon group having 1 to 20 carbon atoms; and the purity of the trans-isomers of the compound represented by the above formula (2) is 51 to 79%.



No. of Pages : 114 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5514/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FABRICATION PROCESS OF COATED STAMPED PARTS AND PARTS PREPARED FROM THE SAME

(51) International classification	:B32B 15/01	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2009/000670	1)ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L.
(32) Priority Date	:02/02/2009	Address of Applicant :CL/CHAVARRI, 6, E-48910 SESTAO, BIZKAIA SPAIN.
(33) Name of priority country	:EUROPEAN UNION	2)AUDI AG
(86) International Application No	:PCT/EP2010/000586	3)VOLKSWAGEN AG
Filing Date	:01/02/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/086186	1)THIRION ISABELLE
(61) Patent of Addition to Application Number	:NA	2)VIETORIS THOMAS
Filing Date	:NA	3)GRIGORIEVA RAISA
(62) Divisional to Application Number	:NA	4)DRILLET PASCAL
Filing Date	:NA	5)SCHALLER LUDWIG
		6)BAADER KARL MICHAEL
		7)PAAR UWE
		8)ALSMANN MICHAEL

(57) Abstract :

A manufacturing process of a hot stamped coated part comprising the following successive steps, in this order : providing a hot rolled or cold rolled steel sheet comprising a steel substrate and an aluminium-silicon alloy precoating, the precoating containing more than 50% of free aluminium and having a thickness comprised between 15 and 50 micrometers, then cutting the steel sheet to obtain a precoated steel blank, then heating the blank under non protective atmosphere up to a temperature T_i comprised between $T_e - 10^\circ\text{C}$ and T_e , T_e being the eutectic or solidus temperature of the precoat, then heating the blank from the temperature T_i up to a temperature T_m comprised between 840 and 950°C under non protective atmosphere with a heating rate V comprised between 30°C/s and 90°C/s, V being the heating rate between the temperature T_i and the temperature T_m , in order to obtain a coated heated blank, then soaking the coated heated blank at said temperature T_m for a time t_m comprised between 20s and 90s, then hot stamping the blank in order to obtain a hot stamped coated part, then cooling said stamped part at a cooling rate in order to form a microstructure in the steel substrate comprising at least one constituent chosen among martensite or bainite.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5516/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HYBRID VEHICLE

(51) International classification	:B60W 10/00
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/JP2008/073300
Filing Date	:22/12/2008
(87) International Publication No	:WO 2010/073309
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI,
AICHI-KEN, 471-8571 JAPAN.

(72)Name of Inventor :

1)ITO TAKAHIRO

2)KAMAGA RYUICHI

(57) Abstract :

A switch (82) sets the voltage level of a control line (81) to a first level corresponding to a first voltage by electrically coupling the control line (81) with a first node (85) when manual operation is not executed. The switch (82) sets the voltage level of the control line (81) at a second level corresponding to a second voltage by electrically coupling the control line (81) with a second node during a period of time over which manual operation is executed. An ECU (30) switches the operation mode of a hybrid vehicle (1000) having first and second power sources between a first mode in which the first power source is used having higher priority for the running of the hybrid vehicle (1000), and a second mode in which said second power source is used having higher priority for the running of the hybrid vehicle (1000), based on a change of the voltage level of the control line (81) from the first level to the second level, and the change of the voltage level of the control line (81) from the second level to the first level.

No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2011

(21) Application No.3870/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR HYBRID VEHICLE FUEL PRICE POINT COMPARISONS

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/983445	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:03/01/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)HANLEY, JAMES PATRICK
Filing Date	:NA	2)BROWNE, JEFFREY RICHARD
(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 charging station (100) for use with a hybrid vehicle (102) having at least one battery includes a communication interface (104) configured to couple to the hybrid vehicle (102), a network interface (106) configured to communicate with at least one fuel vendor (112) and a utility (110), and a processor (116) coupled to the communication interface (104) and the network interface (106). The processor (116) is configured to receive fuel requirements from the hybrid vehicle (102) via the communication interface (104), receive a fuel price from the at least one fuel vendor (112) via the network interface (106) based on the fuel requirements, receive via the network interface (106) an energy price from the utility (110) that provides energy storable in the at least one battery, and calculate a price index for each of the at least one fuel vendor (112) and the utility (110).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/02/2010

(21) Application No.393/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A NOVEL COMPOSITE PROPELLANT COMPOSITION WITH A REDUCED PRESSURE EXPONENT

(51) International classification	:F41H	(71) Name of Applicant : 1)Director General Defence Research & Development Organisation Address of Applicant :Ministry of Defence Government of India Room No. 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi- 110011 India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)Bikash Bhattacharya 2)Praveen Prakash Singh 3)Mehilal 4)Ramesh Kurva 5)Shekhar Nagnath Jawalkar 6)Sibes Chandra Bhattacharyya 7)Alapati Subhananda Rao
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A novel composite rocket propellant composition with a reduced pressure exponent, comprising: prepolymer resin; plasticizer; burn rate modifiers; metallic fuel; Oxidizer; curative; pressure exponent suppressant. The pressure exponent suppressant used is a nitro-aromatic compound like 1,3,5-triamino-2,4,6-trinitrobenzene(TATB) of particle size 15-25um

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.52/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS FOR ASSESSING TOPHUS RESPONSE DURING URATE LOWERING THERAPY IN TREATMENT TOPHACEOUS GOUT

(51) International classification	:A61K 38/44
(31) Priority Document No	:61/269,669
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/040093 :25/06/2010
(87) International Publication No	:WO 2010/151831
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SAVENT PHARMACEUTICALS, INC.

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2)CORELAB PARTNERS, INC.

(72)Name of Inventor :

1)ALLAN N. MAROLI

2)MICHELLE ALTON

3)ROYCE W. WALTRIP

4)CLAUDIA REHRIG

5)BILL HUANG

6)ZEBULUN HOROWITZ

7)ROBERT FORD

(57) Abstract :

Systems and methods for assessment of the reduction of tophus burden with effective urate-lowering therapy were developed. The first application of computer-assisted methods for accessing tophus response included standardized digital photography, computer assisted measurement and analysis of tophi by an independent reader and blinded central reader paradigm. The ability of the method for computer-assisted analysis of digital photographs to quantify reduction in tophus size demonstrates its feasibility as a urate-lowering therapy monitoring tool in the treatment of tophaceous gout.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.520/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL COMPOSITION OF BIOPOLYMERS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :AMITY UNIVERSITY CAMPUS,
SECTOR - 125, NOIDA, Uttar Pradesh India

(72)Name of Inventor :

**1)HARSHA KHARKWAL
2)DHAN PRAKASH
3)PALPU PUSHPANGADAN
4)CHARU GUPTA**

(57) Abstract :

The present invention provides a novel composition comprising biopolymers derived from Cassia and Sesbania species along with amino acids with promising synergistic effect and suitable additives. Also, the present invention provides a composition which can be useful for treating diarrhea comprising an effective amount of an L-glutamine including, but not limited to, methionine and L-tyrosine and combinations thereof. In addition, omega-3- fatty acids along with other additives such as antioxidants, thickening agents, electrolytes all together form a novel composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5498/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NEW PROCESS FOR THE SYNTHESIS OF IVABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID

(51) International classification	:C07D 223/16	(71) Name of Applicant :
(31) Priority Document No	:09/00457	1)LES LABORATOIRES SERVIER, Address of Applicant :35, RUE DE VERDUN, 92284
(32) Priority Date	:04/02/2009	SURESNES CEDEX, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/000080	1)JEAN-LOUIS PEGLION
Filing Date	:03/02/2010	2)AIMEE DESSINGES
(87) International Publication No	:WO 2010/089475	3)BERNARD SERKIZ
(61) Patent of Addition to Application Number	:NA	4)JEAN-MICHEL LERESTIF
Filing Date	:NA	5)JEAN-PIERRE LECOUVE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for the synthesis of ivabradine of formula (I): and addition salts thereof with a pharmaceutically acceptable acid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5517/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING HOOK FASTENERS

(51) International classification	:B29C 59/04
(31) Priority Document No	:61/145,883
(32) Priority Date	:20/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021512
Filing Date	:20/01/2010
(87) International Publication No	:WO 2010/085492
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROCHA GERALD

Address of Applicant :50 GAGE ROAD BEDFORD, NH 03110, U.S.A.

(72)Name of Inventor :

1)ROCHA GERALD

(57) Abstract :

Apparatus and process are described for forming projections on a substrate for use as hook-type fasteners in touch fastening systems, wherein vibration energy may be used to soften a substrate which may be positioned between a mold and a source of vibration. The mold may include a plurality of cavities into which the softened substrate may be forced to form the projections. The substrate may comprise a film, sheet, web, composite, laminate, etc. and be useful as an attachment strip for temporary or permanent fastening. The source of vibration may be an ultrasonic horn. The process to form such projections may be operated in a continuous, semi-continuous or intermittent manner.

No. of Pages : 61 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.368/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PYRROLO[2,1-C][1,4] NAPHTHODIAZEPINE LINKED SUBSTITUTED PIPERAZINE CONJUGATES AS POTENTIAL ANTITUMOUR AGENTS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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(72)Name of Inventor :

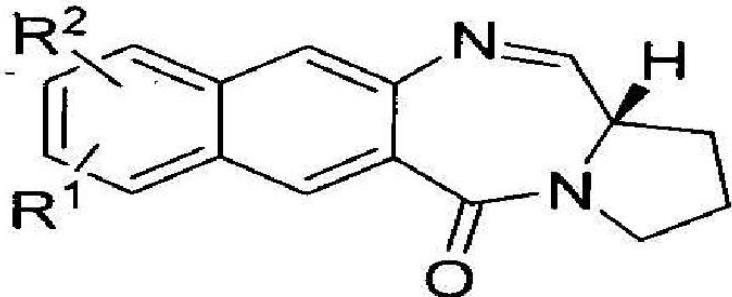
1)AHMED KAMAL

2)JAYANTI NAGA SRIRAMA CHANDRA MURTY

3)ARUTLA VISWANATH

(57) Abstract :

The present invention provides a compound of general formula A, useful as potential antitumour agents against five human cancer cell lines. The present invention further provides a process for the preparation of pyrrolo[2,1-c][1,4]naphthodiazepine linked substituted piperazine conjugates attached through different alkane spacers of general formula A. If R1 = 8-OMe, R2 = 9-(n(methyl, ethyl, acetyl, benzyl, piperinoyl, 4-fluorophenyl, 4-chlorophenyl, 4-methoxyphenyl, pyridyl, pyrimidyl) piperazino alkyloxy), n-chloro alkyloxy; If R1 = 9-OMe, R2 = 8-(n-(methyl, ethyl, acetyl, benzyl, piperinoyl, 4-fluorophenyl, 4-chlorophenyl, 4-methoxyphenyl, pyridyl, pyrimidyl) piperazino alkyloxy), n-chloro alkyloxy; n = 2 to 10



General formula A

No. of Pages : 85 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.41/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMAGING ASSEMBLY

(51) International classification	:B29C 67/00
(31) Priority Document No	:61/270,800
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040921
Filing Date	:02/07/2010
(87) International Publication No	:WO 2010/005690
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)3D SYSTEMS, INC.

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(72)Name of Inventor :

1)KEVIN HICKERSON

2)JAY WRIGHT

3)OMAR AHSAN

(57) Abstract :

A imaging assembly for generating a light beam suitable for sintering comprises a lamp housing and a lamp mounted in the lamp housing comprising a filament and a lamp base, wherein the lamp is oriented with the lamp base to the side of the filament. The imaging assembly further comprises a reflector, an aperture, and at least one condenser lens configured to focus light emitted by the filament through the aperture. The imaging assembly further comprises a set of achromatic doublet lenses, each achromatic doublet lens comprising three surfaces optimized to focus light at three wavelengths, wherein the set of achromatic doublet lenses focuses light over a range including the three wavelengths. The imaging assembly further comprises an outer lens, wherein the focused light beam exits the imaging assembly through the outer lens.

No. of Pages : 48 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.521/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BIOCONTROL FORMULATION AND THE METHOD OF PRODUCTION THEREOF

(51) International classification	:A01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NEW DELHI-110048 India

2)DR. MALIK, VEDPAL SINGH

(72)Name of Inventor :

1)DR. PAIKRAY, SITARAM PRASAD

2)DR. MALIK, VEDPAL SINGH

(57) Abstract :

The present invention provides a liquid biocontrol formulation that exhibit wide spectrum anti fungal activity to control phytopathogenic fungi with enhanced stability at wide range of temperature due to addition of special formulants to the culture medium that helps in increasing the cell density of the viable spores and also maintaining the viability of the spores for longer period of time during storage and in field application even under harmful stress conditions such as extreme temperature, acidity, alkalinity, dessication etc.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.524/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FOOT OPERATED DOOR STOPPER

(51) International classification	:E05F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAJESH GOYAL

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RAJASTHAN, INDIA

(72)Name of Inventor :

1)RAJESH GOYAL

(57) Abstract :

This invention relates to an improved door stopper, comprising at least one bracket (1) comprising a hollow cylinder (2) and a hinge base (8) extended from the said bracket, the said hollow cylinder is encapsulated a permanent magnet coupling (28) inside the same, at least one movable arm (16) being assembled and hinged in the hinge base (8) of bracket (1) by means of cylindrical portion (14) of the said arm (16) located on the top end of arm (16), the said arm further connected to a lever of at least one arm (21), wherein the said arm (21) is connected with arm (16) either horizontally or inclined at top end of arm (16), and at least one rubber block (26) with or without slope along with a optional block (17) is assembled in the lower end / portion of the said movable arm (16) to keep the door open at the desired angle.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5551/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TFPI INHIBITORS AND METHODS OF USE

(51) International classification	:A61K 38/10`
(31) Priority Document No	:61/139,272
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/069060
Filing Date	:21/12/2009
(87) International Publication No	:WO 2010/071894
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)HARTMUT EHRLICH

3)FRIEDRICH SCHEIFLINGER

4)ULF REIMER

5)ULRICH REINEKE

6)THOMAS POLAKOWSKI

7)EBERHARD SCHNEIDER

(57) Abstract :

The invention provides peptides that bind Tissue Factor Pathway Inhibitor (TFPI), including TFPI-inhibitory peptides, and compositions thereof. The peptides may be used to inhibit a TFPI, enhance thrombin formation in a clotting factor-deficient subject, increase blood clot formation in a subject, and/or treat a blood coagulation disorder in a subject.

No. of Pages : 1252 No. of Claims : 133

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2011

(21) Application No.552/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INSTANTANEOUS NEUTRALIZATION AND PURIFICATION DEVICE FOR SMOKE AND EXHAUST GAS DISCHARGED FROM AUTOMOBILE

(51) International classification	:F01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)WEN-LO CHEN

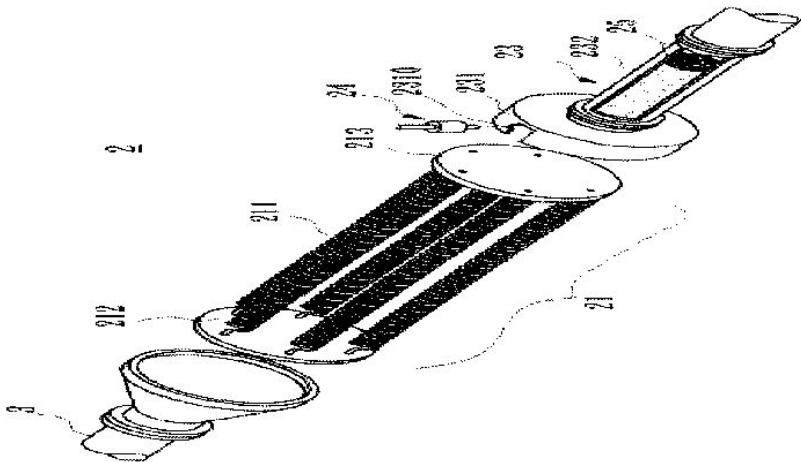
Address of Applicant :4F., NO. 18, SEC. 6, HSIN YI RD.,
TAIPEI CITY, TAIWAN

(72)Name of Inventor :

1)WEN-LO CHEN

(57) Abstract :

Disclosed is an instantaneous neutralization and purification device for smoke and exhaust gas discharged from an automobile, which includes a first purification treatment device connected to an exhaust pipe, a connection pipe connected to the first purification treatment device, and a second purification treatment device connected to the connection pipe. The first purification treatment device includes a combustion system and a filtration system. A first pressure sensor detects an exhaust gas pressure greater than a threshold and signals a fuel tank to supply fuel to the combustion system for combustion and heating the filtration system to cause combustion of carbon build-up. A second pressure sensor detects the exhaust gas pressure becoming lower than a threshold and signals the fuel tank to stop supply of fuel. The exhaust gas is then conducted through the connection pipe, where an alkaline solution is sprayed to neutralize acids of the exhaust gas.



No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5520/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RESOLVING CONTENTION BETWEEN DATA BURSTS

(51) International classification	:G06F 13/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/068039
Filing Date	:19/12/2008
(87) International Publication No	:WO 2010/069398
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)NAYLOR, ROWAN NIGEL

(57) Abstract :

In an embedded system, there are a plurality of data requesting devices, a plurality of data sources and a bus fabric interconnecting the data requesting devices and the data sources, wherein the bus fabric comprises a plurality of bus components. Some or all of the data sources and arbitration devices associated with the bus components resolve contentions between data bursts by selecting a first one of the contending data bursts; determining a length of a critical section of the first selected data burst; and processing the critical section of the selected data burst. Then, a second one of the contending data bursts is selected, a length of a critical section of the second selected data burst is determined, and the critical section of the second selected data burst is processed before a non-critical section of the selected data burst.

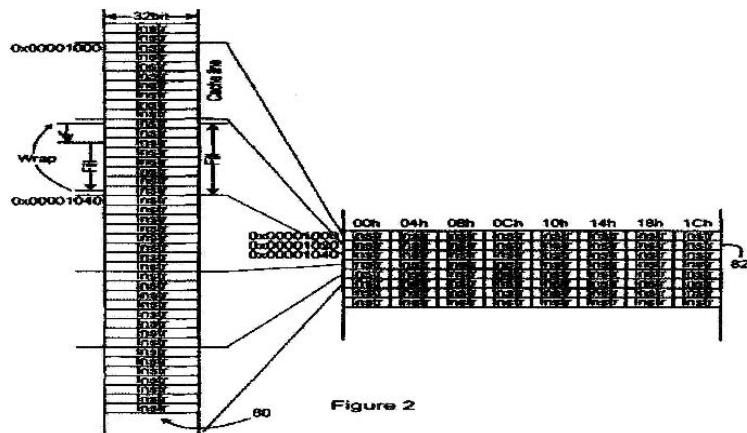


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5555/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR MANUFACTURING SOLAR CELL, AND SOLAR CELL

(51) International classification	:H01L 31/04
(31) Priority Document No	:2009-013584
(32) Priority Date	:23/01/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000342
Filing Date	:21/01/2010
(87) International Publication No	:WO 2010/084758
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)TAKAHASHI, HIROHISA

2)ISHIBASHI, SATORU

3)USAMI, TATSUMI

4)SHIRAI, MASANORI

5)AKIYAMA, MICHIO

(57) Abstract :

A manufacturing method of a solar cell including a transparent conductive film (54) formed on a transparent substrate (6, 51) includes the steps of: preparing a target (7), the target including ZnO and a material including a substance including an Al or a Ga, the ZnO being a primary component of the target (7); in a first atmosphere including a process gas, applying a sputter electric voltage to the target and forming a first layer (54a) included in the transparent conductive film (54); in a second atmosphere including a greater amount of an oxygen gas compared to the first atmosphere, applying a sputter electric voltage to the target (7) and forming a second layer (54b) on the first layer (54a), the second layer (54b) being included in the transparent conductive film (54); and forming an irregular shape by performing an etching process on the transparent conductive film (54).

No. of Pages : 49 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5583/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TEXTURING DEVICE AND METHOD FOR TEXTURING CONTINUOUS YARNS

(51) International classification	:D02J 1/08
(31) Priority Document No	:09151762.3
(32) Priority Date	:30/01/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/050584
Filing Date	:19/01/2010
(87) International Publication No	:WO 2010/086258
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHRISTIAN SIMMEN

2)GOTTHILF BERTSCH

3)KURT KLESEL

(57) Abstract :

The invention relates to a texturing device (1) for texturing at least one continuous yarn consisting of a plurality of filaments. This texturing device (I) has at least one housing (10) and at least one nozzle core (20), which can be charged with a fluid. The nozzle core (20) includes a yarn channel (21) and at least one fluid feed channel (22), opening into the yam channel with a radial component. Furthermore, the nozzle core (20) includes an outlet region (23) of the yarn channel (21) and an inlet re-gion (24) with an inlet opening (25) of the yarn channel (21). The distance between the inlet opening (25) of the inlet region (24) and the fluid feed channel (22) of the nozzle core (20) opening into the yarn channel (21) is at most 12.5 mm. The region (31), which is located ahead of the inlet region (24) of the nozzle core (20) in the direction of filament movement, has a radial outer de- limiting area (12). This lies outside a cone of 20° narrowing m the direction off filament movement. The outer delimiting area (12) preferably lies outside a cone of 30°.

No. of Pages : 47 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.528/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MAGNETICALLY TUNABLE PLANAR MICROWAVE DEVICE ON NON-MAGNETIC DIELECTRIC SUBSTRATE AND A METHOD OF MAGNETIC TUNING THEREOF

(51) International classification	:H01P
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAYA Krishnananda Soami

2)VERMA Ritika

3)GIRI Tulika

(57) Abstract :

The present invention relates to magnetically tunable planar microwave device on nonmagnetic EBG engineered dielectric substrates and a method of magnetic tunability of planar microwave devices. More specifically, the present application provides magnetic tuning without using any ferrite or ferromagnetic material or paramagnetic material. It comprises of a double side metal coated dielectric substrate with one side having any planar passive microwave device and the other side patterned with the said metallocodielectric EBG structures, said EBG structures are having lattice of alternating dielectric and metal giving complete control over the flow of electromagnetic waves in a given frequency range. Advantage of this technique is low cost, integration compatibility with planar microwave devices and low losses as compared to the conventional techniques.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.54/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR RUNNING A CABLE -BOUND TOWED ELEMENT OUT OF OR BRINGING A CABLE-BOUND TOWED ELEMENT INTO A SUBMARINE IN THE IMMERSED STATE

(51) International classification	:B63G 08/38
(31) Priority Document No	:10 2009 032 138.1
(32) Priority Date	:08/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000682
Filing Date	:16/06/2010
(87) International Publication No	:WO 2011/003379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)CHRISTIAN BUCK

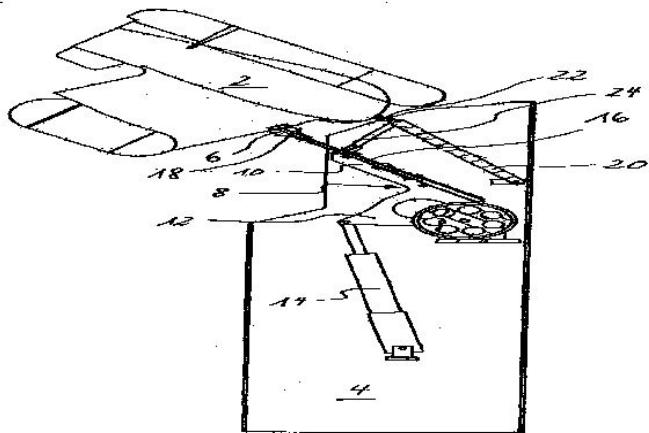
2)GUIDO FLOREN

3)MARC MICHAELIS

(57) Abstract :

The invention relates to a device for bringing a cable-bound towed body (2) out of a submarine or into a submarine, in the submerged condition, with a pivot arm (8) which may be pivoted from a storage position of the towed body (2) into a bringing-out or bringing-in position of the towed body (2). A capture device for the towed body (2) is arranged on the pivot arm (8). The device further comprises a support (22) for the towed body (2), said support, distanced to the pivot arm (8), being movably arranged in the device in a manner such that it supports the towed body (2) when bringing in and out. (Fig. 1)

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5532/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NON-HUMAN TRANSGENIC ANIMALS EXPRESSING HUMANISED ANTIBODIES AND USE THEREOF

(51) International classification	:C12N 15/85
(31) Priority Document No	:0823147.4
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB09/002781
Filing Date	:30/11/2009
(87) International Publication No	:WO 2010/070263
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)FRANKLIN GERARDUS GROSVELD

3)RICHARD WILHELM JANSSENS

4)MARINUS JOHANNES VAN HAPEREN

(57) Abstract :

A non-human mammal containing an endogenous lambda light chain gene locus, an endogenous kappa light chain gene locus and an endogenous heavy chain gene locus, each of which can re-arrange so that immunoglobulin heavy and light chain genes are formed and expressed in B-cells following antigen challenge but said loci have been mutated so that the ability to form functional immunoglobulin tetramers comprising re-arranged heavy and light chains produced from said mutated loci has been substantially reduced or eliminated.

No. of Pages : 63 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.5533/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL INTRA UTERINE DEVICE

(51) International classification	:A61F 2/04
(31) Priority Document No	:61/145,558
(32) Priority Date	:18/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000035
Filing Date	:14/01/2010
(87) International Publication No	:WO 2010/082197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)IIAN BAR-AM

(57) Abstract :

The present invention discloses an Intra Uterine Ball (IUB) device useful for a gynecological procedure or treatment. The aforesaid device comprises a hollow sleeve for at least partial insertion into the uterine cavity; and, an elongate conformable member with at least a portion comprised of shape memory alloy. The elongate member is adapted to be pushed out from said sleeve within said uterine cavity. It is the core of the invention that the elongate member is adapted to conform into a predetermined three dimensional ball - like configuration within said uterine cavity following its emergence from said sleeve, such that expulsion from said uterine cavity, malposition in said uterine cavity, and perforation of the uterine walls is prevented.

No. of Pages : 41 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5591/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTROMAGNETIC WAVE TREATMENT OF OIL WELLS

(51) International classification	:E21B 43/24
(31) Priority Document No	:12/365,750
(32) Priority Date	:04/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059411
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/090659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HAROLD L. BECKER

(57) Abstract :

A method including exposing a substance to a first type of electromagnetic waves generated by a first device. The frequency of the first type of electromagnetic waves is in the radio frequency range and the device preferably consumes no more than about 1,000 Watts of power. The exposure takes place for a period of time and at a frequency sufficient to detectably alter at least one physical property of the substance as it existed prior to the exposure. The substance is selected from the group consisting of a hydrate, a water and oil emulsion, clay, scale, cement, a completion fluid, tank sediment and iron sulfide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5541/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BETA-AMINO ESTER COMPOUNDS AND USES THEREOF

(51) International classification

:A61K 8/81

(31) Priority Document No

:12/354,697

(32) Priority Date

:15/01/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US10/021147

Filing Date

:15/01/2010

(87) International Publication No

:WO 2010/083379

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LIVING PROOF, INC.

Address of Applicant :63 ROGERS STREET, CAMBRIDGE,
MA 02142, U.S.A.

(72)Name of Inventor :

1)DAVID THOMAS PUERTA

2)SUSAN ALICE WILLIAMS

3)RONALD P. MCLAUGHLIN

4)DANIEL GRIFFITH ANDERSON

(57) Abstract :

Hair treatment compositions are disclosed comprising a -amino ester compound in a cosmetically acceptable vehicle, such as a spray or cream. In embodiments, the compounds include a polybutadiene moiety. Methods of treating hair with the compositions to impart volume, texture and definition are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5572/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WASTE CONTAINER ITEM MADE OF RECYCLED TYRE

(51) International classification	:B65F 1/14
(31) Priority Document No	:0858885
(32) Priority Date	:19/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052603
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/070239
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMPAGNIE PLASTIC OMNIUM

Address of Applicant :19 AVENUE JULES CARTERET, F-69007 LYON, FRANCE

(72)Name of Inventor :

1)PRADEL, PASCAL

(57) Abstract :

The invention provides a part for a waste container, the part being made of worn pneumatic tire grinding residue mixed with thermoplastic material. By way of example, the container part is a solid tire for a wheel or an abutment for damping a collection bin lid.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5622/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PHYSICAL UPLINK CONTROL CHANNEL OF LARGE BANDWIDTH SYSTEM

(51) International classification	:H04W 80/00
(31) Priority Document No	:200810192979.1
(32) Priority Date	:31/12/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074551
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/075710
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

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

(72)Name of Inventor :

- 1)ZHANG, YUQIANG**
- 2)DAI, BO**
- 3)HAO, PENG**
- 4)LIANG, CHUNLI**
- 5)YU, BIN**
- 6)MA, ZHIFENG**

(57) Abstract :

The present invention provides a method for a Physical Uplink Control Channel in a broad bandwidth system, in which an index number of an uplink component carrier where a PUCCH resource for transmitting a HARQ-ACK in uplink corresponding to a dynamically scheduled PDSCH is located is obtained by mapping of an index number of a downlink component carrier where a PDCCH scheduling this PDSCH is located, or is a fixed value, or is notified by higher layer signaling or physical layer signaling; and under semi-static scheduling, it is obtained by mapping of the index number of the downlink component carrier where the PDSCH is located, or is notified by the higher layer signaling; thereby implementing indication of the PUCCH in the broad bandwidth system. The method provided in the present invention can ensure the compatibility of the LTE-Advanced system with the LTE Release-8 system, benefits the increase of the system capacity and the scheduling flexibility of the LTE-Advanced system, and makes the LTE-Advanced terminal obtain the maximum frequency selective gain.

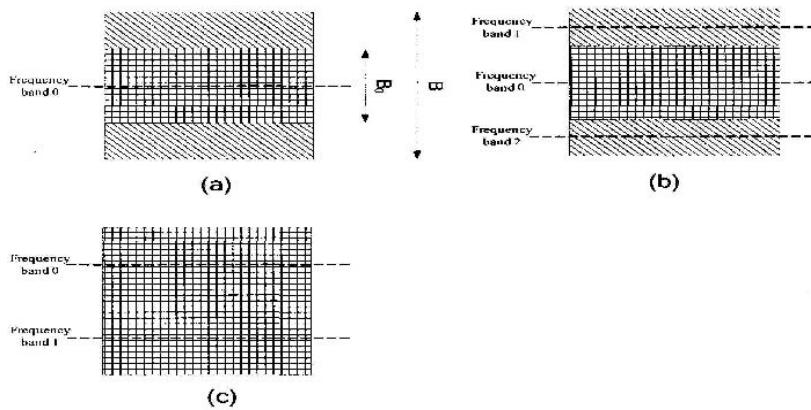


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5624/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN ARTICLE INCLUDING IDENTIFICATION INFORMATION FOR USE IN AN ELECTRICALLY HEATED SMOKING SYSTEM

(51) International classification	:A24F 47/00
(31) Priority Document No	:08254145.9
(32) Priority Date	:24/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/007969
Filing Date	:24/12/2009
(87) International Publication No	:WO 2010/073122
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PHILIP MORRIS PRODUCTS S.A.

Address of Applicant :QUAI JEANRENAUD 3, CH-2000 NEUCHATEL (CH) Switzerland

(72)Name of Inventor :

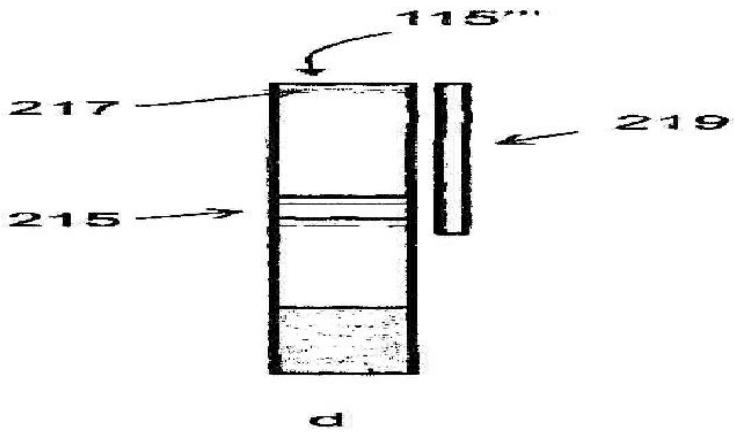
1)FERNANDO, FELIX

2)CORDEY, JEAN-PIERRE

(57) Abstract :

There is provided an electrically heated smoking system (101) for receiving a smoking article (115) or cleaning article (205) configured for use with the smoking system (101). The system comprises a cavity (111) for at least partially receiving the smoking article (115) or cleaning article (205). The smoking article includes identification information printed thereon. The cleaning article includes identification information encoded thereon. The system further comprises at least one heating element, a power supply for supplying power to the at least one heating element, electrical hardware connected to the power supply and the at least one heating element, and a detector (203) capable of detecting the presence of the smoking article (115) or cleaning article (205) in the cavity (111) and distinguishing the smoking article or cleaning article from other articles configured for use with the smoking system, based on the identification information. There is further provided a cleaning article (205) including identification information encoded on the cleaning article.

Figure 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5625/DELNP/2011 A

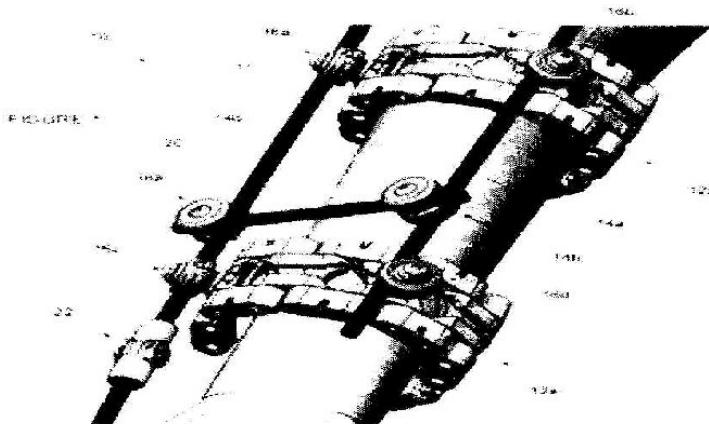
(43) Publication Date : 01/02/2013

(54) Title of the invention : FIXATOR

(51) International classification	:A61F 5/058	(71)Name of Applicant :
(31) Priority Document No	:0902881.2	1)CAMBFIX LIMITED
(32) Priority Date	:20/02/2009	Address of Applicant :SANDGATE HOUSE, 102,
(33) Name of priority country	:U.K.	QUASYSIDE, NEWCASTLE UPON TYNE NE1 3DX, UNITED
(86) International Application No	:PCT/GB2010/050289	KINGDOM
Filing Date	:19/02/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/094971	1)BAJWA, ALI
(61) Patent of Addition to Application Number	:NA	2)POMEROY, LINDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

We describe fixator (10) comprising an articulated bracelet (12). The bracelet comprises a plurality of elements (24,26) arranged in a plurality of rows. The elements have complementary linking means (48,62) to permit linking the rows of elements together in an articulated or fixed relationship. One or more of the plurality of elements comprises means (34) for receiving and engaging at least a portion of a connecting device (16) such that the position of the connecting device can be altered around the bracelet or the limb that it is mounted on. The fixator further comprises an articulated connecting device, a rod and a hinge device.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5590/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IN SITU FORMATION AND DEPOSITION OF PALLADIUM PD(0) IN REACTORS

(51) International classification	:B01J 23/44
(31) Priority Document No	:09305091.2
(32) Priority Date	:30/01/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/022504
Filing Date	:29/01/2010
(87) International Publication No	:WO 2010/088462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
NEW YORK 14831, U.S.A.

(72)**Name of Inventor :**

1)CLEMENS RUDOLF HORN

2)CARINE CERATO-NOYERIE

(57) Abstract :

The invention relates mainly to a process for the in situ generation of a catalyst (Pd(0)) and the deposition of said catalyst on the internal wall(s) of a glass, glass-ceramic or ceramic reactor. The invention further relates to a reactor, preferably a microfluidic device, as may be obtained by the in situ generation and deposition of palladium Pd(0) on its internal wall(s) carried out according to said process. The invention also globally concerns catalytic processes including said process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5610/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : USE OF PTEROSIN COMPOUNDS FOR TREATING DIABETES AND OBESITY

(51) International classification	:A61K 31/12
(31) Priority Document No	:61/147,382
(32) Priority Date	:26/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022129
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/085811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TAIPEI MEDICAL UNIVERSITY

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2)NATIONAL TAIWAN UNIVERSITY

3)NATIONAL TSING HUA UNIVERSITY

4)DCB-USA, LLC

(72)**Name of Inventor :**

1)FENG-LIN HSU

2)SHING-HWA LIU

3)BIING-JUAN UANG

(57) Abstract :

This invention relates to the use of pterosin compounds of formula I for treating diabetes including type I and type II. Also disclosed is the use of the pterosin compounds for treating obesity.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5613/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COPPER-ZINC ALLOY

(51) International classification	:C22C 9/04
(31) Priority Document No	:10 2009 014 760.8
(32) Priority Date	:27/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001369
Filing Date	:05/03/2010
(87) International Publication No	:WO 2010/108587
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DIEHL METALL STIFTUNG & CO. KG

Address of Applicant :HEINRICH-DIEHL-STR. 9, 90552
ROTHENBACH, GERMANY

(72)Name of Inventor :

1)NORBERT GAAG

2)JURGEN GEISE

3)FRIEDRICH GEBHARD

(57) Abstract :

The invention relates to a copper-zinc alloy for producing semi-finished products with a high coefficient of friction, in particular synchronizer rings, comprising the following constituents: 50 to 65% Cu, 1 to 6% Al, 0.5 to 5% Si, 5 to 8% Ni, 0 to 1% Fe, 0 to 2% Pb, remainder Zn and unavoidable impurities, wherein 0.001 to 0.01% Ti is added.

No. of Pages : 8 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5614/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOULD AND METHOD FOR PRODUCING MULTI-LAYER SHAPED PARTS OF PLASTIC

(51) International classification	:B29C 33/00
(31) Priority Document No	:10 2009 005609.2
(32) Priority Date	:21/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000127
Filing Date	:13/01/2010
(87) International Publication No	:WO 2010/0083959
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)HUBERT EHBING

2)DIRK BRUNING

3)RAINER PROTTE

(57) Abstract :

The invention relates to a mould for producing multilayer plastics mouldings composed of at least two mould halves and of a cavity within which plastic is received, and of a feed system with a feed channel, and also to a process for producing multilayer plastics mouldings.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5639/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYURETHANE SURFACTANT STABILIZED POLYURETHANE FOAMS

(51) International classification	:C08G 18/10
(31) Priority Document No	:09000993.7
(32) Priority Date	:24/01/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP10/000120
Filing Date	:13/01/2010
(87) International Publication No	:WO 2010/083952
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)JAN SCHONBERGER

2)SEBASTIAN DORR

(57) Abstract :

Compositions obtainable by mixing at least polyurethanes (I) having a free isocyanate group content of not more than 1.0% by weight and a 10% to 95% by weight content of ethylene oxide units (molecular weight = 44 g/mol) incorporated via monofunctional alcohols B) and arranged within polyether chains, which have been prepared by reaction of A) polyisocyanate prepolymers having an (average) NCO functionality of not less than 1 with B) 10 to 100 equivalent%, based on the isocyanate groups of A), of a monohydric alcohol component comprising at least one monohydric polyether alcohol having a number average molecular weight in the range from 150 to 5000 g/mol and an oxyethylene units content of 30 to 100 mol%, based on the total content of oxyalkylene units in the monohydric polyether alcohol, C) 0 to 20 equivalent%, based on the isocyanate groups of A), of a monohydric alcohol component comprising monohydric alcohols having a number average molecular weight in the range from 32 to 5000 g/mol which are other than the compounds of component B), D) 0 to 80 equivalent%, based on the isocyanate groups of A), of constructional components having a number average molecular weight in the range from 32 to 10 000 g/mol which are at least difunctional for the purposes of the NCO addition reaction with urethane formation and with or without urea formation, wherein any excess NCO groups have been reacted away, by simultaneous or subsequent secondary reactions, down to a residual content of not more than 1.0% by weight, and foamable polymers (II) based on polyureas, polyurethanes, polyurethane polyacrylates, polyurethane polyesters, polyurethane polyethers, polyurethane polyureas and polyurethane polycarbonates and also any desired polymer mixtures thereof in the form of their aqueous dispersions.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5596/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ARRANGEMENT OF ELEVATOR MACHINES

(51) International classification	:B66B 11/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/037263
Filing Date	:16/03/2009
(87) International Publication No	:WO 2010/107423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OTIS ELEVATOR COMPANY

Address of Applicant :TEN FARM SPRINGS ROAD,
FARMINGTON, CONNECTICUT 06032-2568 U.S.A.

(72)Name of Inventor :

1)FARGO RICHARD N.

(57) Abstract :

A drive (50) for a gearless elevator (10) includes a first drive machine (52) with a first sheave having a first axis of rotation, the first sheave to receive a first set of ropes (20A) attached to the elevator car (12), and a second drive machine (54) having a second sheave having a second axis of rotation, the second sheave to receive a second set of ropes (20B) attached to the elevator car (12). The first axis of rotation and the second axis of rotation are parallel, and have a distance therebetween.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5597/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ECO-FRIENDLY SOLDERABLE WIRE ENAMEL

(51) International classification	:C08G 18/42
(31) Priority Document No	:10 2009 003 512.5
(32) Priority Date	:20/02/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/051182
Filing Date	:01/02/2010
(87) International Publication No	:WO 2010/094556
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELANTAS GMBH

Address of Applicant :ABELSTR. 45 46483 WESEL
GERMANY

(72)Name of Inventor :

1)LIENERT, KLAUS W.
2)WANG, DING
3)YE, LIXIN
4)ZHOU, CHANGSHUN
5)GUO, WENXUE

(57) Abstract :

The present invention relates to polyurethane wire enamels composed of: A) 10% - 60%, preferably 20% - 50%, more preferably 25% - 45% by weight of at least one blocked polyisocyanate adduct, blocked with alkylphenols, B) 4% - 30%, preferably 7% - 25%, more preferably 9% - 20% by weight of at least one hydroxy polyester containing ester and/or imide and/or amide groups, C) 20% - 70%, preferably 30% - 60%, more preferably 35% - 45% by weight of hydrocarbon-based organic solvents, D) 1 % - 20%, preferably 5% - 18%, more preferably 10% -16% by weight of further auxiliaries and additives, the sum of the components A)+(B)+(C)+(D) adding up to 100% by weight, and to methods for their production, and their use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5618/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ANTIBODIES TO CLOSTRIDIUM DIFFICILE TOXINS

(51) International classification	:A61K 39/40
(31) Priority Document No	:0902851.5
(32) Priority Date	:20/02/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050288
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/094970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HEALTH PROTECTION AGENCY

Address of Applicant :PORTON DOWN, SALISBURY,
WILTSHIRE SP4 0JG (GB). U.K.

2)MICROPHARM LIMITED

(72)Name of Inventor :

1)SHONE, CLIFFORD

2)LANDON, JOHN

(57) Abstract :

The present invention provides an antibody composition comprising ovine antibodies, for use in the prevention or treatment of C. difficile infection wherein the antibodies bind to a C. difficile toxin.

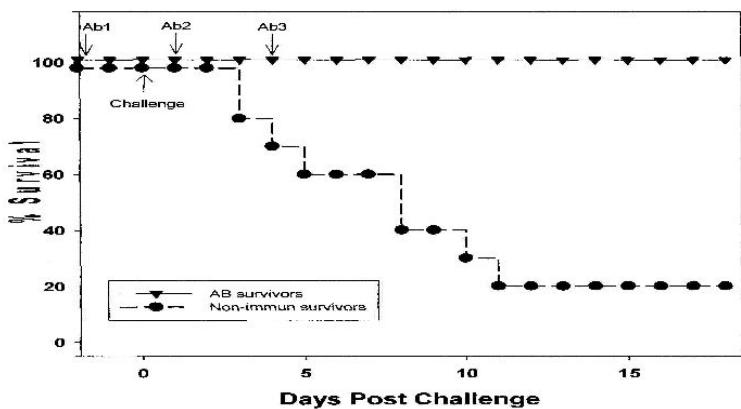


Figure 6

No. of Pages : 95 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5619/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HORIZONTAL ROTARY DRYER

(51) International classification	:F26B 17/32
(31) Priority Document No	:JP2009-012718
(32) Priority Date	:23/01/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050919
Filing Date	:25/01/2010
(87) International Publication No	:WO 2010/084984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TSUKISHIMA KIKAI CO., LTD.

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(72)Name of Inventor :

1)ITO, MASAYASU

2)NOGUCHI, TAKAYUKI

3)KATO, ZENJI

4)SUWA, SATOSHI

(57) Abstract :

In a horizontal rotary dryer, a gas blowing unit is formed for blowing a carrier gas into a rotating shell 10 from one end side thereof, passing it therein and discharging it from the other end side thereof; a plurality of the discharge openings 50 are formed in a circumferential direction of the rotating shell 10 at an end portion on the other end side thereof and an exhaust gas hood 55 is provided for covering the entire end portion on the other end side of the rotating shell 10; a fixed outlet 57 for the dried material is provided on a bottom portion of the exhaust gas hood 55 as well as an exhaust gas opening 56 for the carrier gas is provided on a top portion of the exhaust gas hood 55; and a plurality of groups 60 of lifters are provided along a longitudinal direction on the other end side of the rotating shell by forming a plurality of the lifters each extending from an inner wall of the rotating shell toward a center side at intervals in a circumferential direction of lifting the material as the rotating shell rotates.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5642/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYURETHANE-BASED SURFACTANTS

(51) International classification	:C08G 18/10
(31) Priority Document No	:09000994.5
(32) Priority Date	:24/01/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP10/000128
Filing Date	:13/01/2010
(87) International Publication No	:WO 2010/083960
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

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(72)Name of Inventor :

1)JAN SCHONBERGER

2)SEBASTIAN DORR

(57) Abstract :

The present invention relates to novel, high molecular weight surfactants based on polyurethanes for use in coatings, adhesives or sealants, for example.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5644/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HYDROXYPROPYLATED STARCH AS A PROCESSING AID TO IMPROVE RESISTANT STARCH TOTAL DIETARY FIBER (TDF) RETENTION IN DIRECT EXPANSION EXTRUSION APPLICATIONS

(51) International classification	:A23L 1/00
(31) Priority Document No	:61/146,842
(32) Priority Date	:23/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021782
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/085630
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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1)WEI LUKE XIE

2)DONALD WAYNE HARRIS

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4)DORIS A. DOUGHERTY

5)JUDY L. TURNER

(57) Abstract :

A composition comprising from about 3 % d.s.b. to about 35 % d.s.b. of a first starch, wherein the degree of substitution (DS) of the first starch with a hydroxypropyl group is from about 0.1 to about 0.6; from about 10 % d.s.b. to about 50 % d.s.b. of a second starch; and from about 15 % d.s.b. to about 87 % d.s.b. of a flour or a meal. A method, comprising extruding a composition as described above and from about 15 % total weight to about 25 % total weight water at a temperature from room temperature to about 200°C, to yield an extruded composition comprising less than about 5 % total weight water.

No. of Pages : 21 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5603/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SIMIAN ADENOVIRUS NUCLEIC ACID-AND AMINO ACID-SEQUENCES, VECTORS CONTAINING SAME, AND USES THEREOF

(51) International classification	:C07K 14/075
(31) Priority Document No	:PCT/EP2009/000672
(32) Priority Date	:02/02/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/000616
Filing Date	:02/02/2010
(87) International Publication No	:WO 2010/086189
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :ELISABETHENSTRASSE 3, CH-4051 BASEL, SWITZERLAND

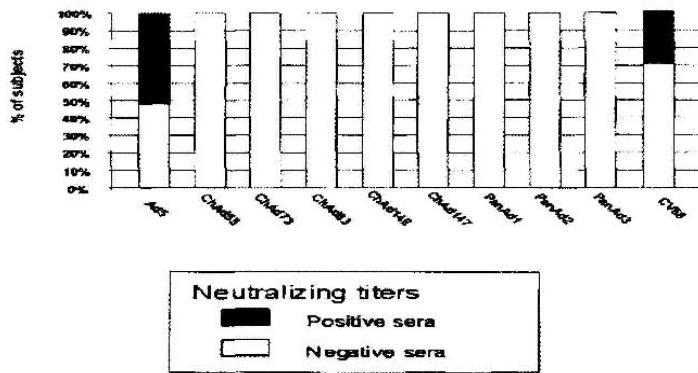
(72)**Name of Inventor :**

- 1)COLLOCA, STEFANO
- 2)NICOSIA, ALFREDO
- 3)CORTESE, RICCARDO
- 4)AMMENDOLA, VIRGINIA
- 5)AMBROSIO, MARIA

(57) Abstract :

The present invention relates to novel adenovirus strains with an improved seroprevalence. In one aspect, the present invention relates to isolated polypeptides of adenoviral capsid proteins such as hexon, penton and fiber protein and fragments thereof and polynucleotides encoding the same. Also provided is a vector comprising the isolated polynucleotide according to the invention and adenoviruses comprising the isolated polynucleotides or polypeptides according to the invention and a pharmaceutical composition comprising said vector, adenovirus, polypeptide and/or polynucleotide. The invention also relates to the use of the isolated polynucleotides, the isolated polypeptides, the vector, the adenoviruses and/or the pharmaceutical composition for the therapy or prophylaxis of a disease.

Figure 6



No. of Pages : 311 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5609/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLUORINE-FREE AQUEOUS DISPERSION FOR TREATING TEXTILE FABRICS

(51) International classification	:D06M 15/233
(31) Priority Document No	:09004522.0
(32) Priority Date	:28/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/001415
Filing Date	:06/03/2010
(87) International Publication No	:WO 2010/115496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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LANGWEID A. LECH, GERMANY

(72)**Name of Inventor :**

1)ANDREAS FUCHS
2)WILHELM ARTNER
3)BARBARA OBERLAENDER

(57) Abstract :

Aqueous dispersions comprise a specific copolymer based on acrylate, a specific paraffin wax and one or more dispersants. The dispersions have high stability and are useful for treating textile fabrics, conferring outstanding water-repellent properties thereon.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5651/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MATERIAL GRINDING DEVICE

(51) International classification	:B02C 7/08
(31) Priority Document No	:2008151412
(32) Priority Date	:25/12/2008
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2009/000672
Filing Date	:07/12/2009
(87) International Publication No	:WO 2010/074604
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARTER TECHNOLOGY LIMITED

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(72)Name of Inventor :

1)CHUGUEVSKY, ANDREI YURIEVICH

(57) Abstract :

The essence of the invention is that the material grinding device comprises a housing with a unit for feeding the material to be ground and a unit for removing the finished product. An annular grinding chamber and two rotors are accommodated in the housing. The rotors are coaxially arranged and can rotate. Blades for accelerating the material to be ground and feeding said material into the grinding chamber are mounted on one of the rotors. Blades for supplying air into the grinding chamber are mounted on the other rotor. The device is provided with at least one distributor. Said distributor is designed in the form of blades which are secured on the housing and disposed in the grinding chamber. The vanes of the distributor are equally spaced along a circle, the center of which is situated on the longitudinal axis of symmetry of the rotors.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5653/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS AND GENOTYPING PANELS FOR DETECTING ALLELES, GENOMES, AND TRANSCRIPTOMES

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/140,063
(32) Priority Date	:22/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069317
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/075459
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)OLIPHANT, ARNOLD, R.

2)KRUMMEL, KURT, A.

3)ZHANG, HAICHUAN

4)KATZ, ANDREW, S.

(57) Abstract :

Disclosed are methods and genotyping panels for detecting alleles, genomes, and transcriptomes in admixtures of two individuals.

No. of Pages : 46 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5655/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VIBRATION DAMPED ARTICLE

(51) International classification	:F02B 77/13
(31) Priority Document No	:0850184-3
(32) Priority Date	:23/12/2008
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2009/051500
Filing Date	:23/12/2009
(87) International Publication No	:WO 2010/074651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ANDERSSON, JONAS

2)JOSEFSSON, PIERRE

(57) Abstract :

A vibration damped enclosure comprises side walls and a vibration damping plate structure which extends across the enclosure and is attached to internal surface portions of a first and a second side walls. The vibration damping plate structure (2) comprises a non-rigid layer (12) sandwiched between two rigid layers (13,14), wherein each rigid layer between the first and second side walls (5,6) comprises at least one cut (15,16) through the rigid layer (13,14) which makes the extension of each rigid layer between the first and second sidewalk (5,6) discontinuous.

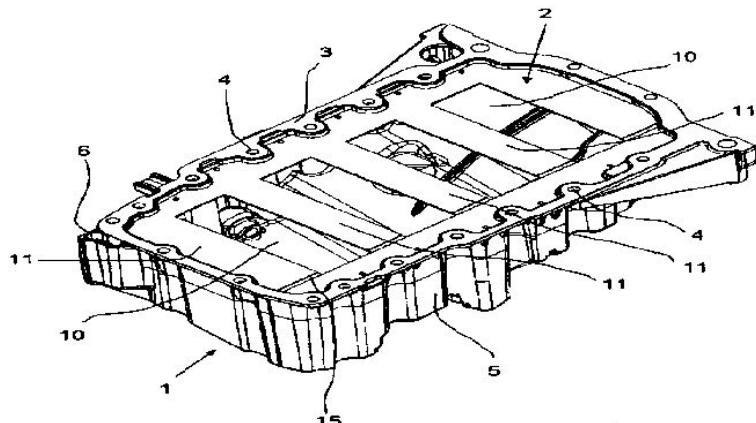


FIG. 1

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5657/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HOLLOW MEMBER

(51) International classification	:B21D 47/01
(31) Priority Document No	:2009-011163
(32) Priority Date	:21/01/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050671
Filing Date	:21/01/2010
(87) International Publication No	:WO 2010/084898
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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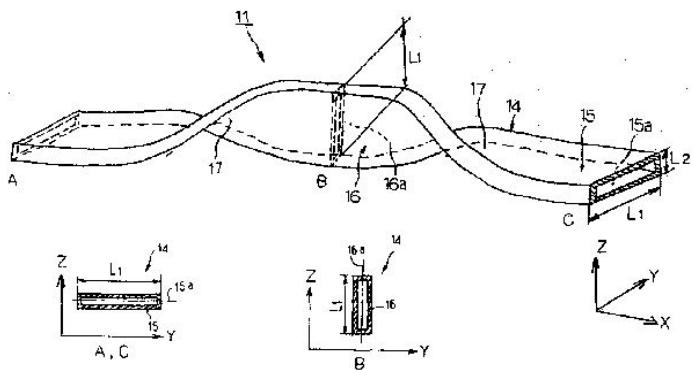
2)SHIMADA, NAOAKI

3)YOSHIDA, MICHITAKA

(57) Abstract :

A lightweight hollow member having excellent stiffness and impact properties and which is suitable for automotive parts due to having a high strength such as at least 780 MPa and a complicated shape is provided. A hollow member 11 has a hollow steel body 14. The body 14 is constituted by a single member at least in the lengthwise direction. The body 14 has a flat cross section having at least a portion with a maximum outer dimension L1 and a portion with an outer dimension L2 shorter than the maximum outer dimension L1. The body 14 has a twisted portion in a portion of its length. The angle of intersection between an imaginary plane 15a including the portion having the maximum outer dimension L1 in a first portion 15 present on one side of the body 14 in the lengthwise direction with the twisted portion 17 as a border and an imaginary plane 16a including the portion with the maximum outer dimension L1 in a second portion 16 present on the other side in the lengthwise direction of the body 14 with the twisted portion 17 as a border is at least 4 degrees. The twisted portion 17 has a tensile strength of at least 780 MPa. Fig. 1

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5647/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELEVATOR LOAD BEARING MEMBER VIBRATION CONTROL

(51) International classification	:B66B 7/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/005384
Filing Date	:20/03/2009
(87) International Publication No	:WO 2010/106392
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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FARMINGTON, CONNECTICUT 06032, U.S.A.

(72)Name of Inventor :

1)BLANCHARD ANTOINE ADRIAN

(57) Abstract :

An exemplary device that is useful for controlling vibrations of an elevator load bearing member includes a guide. A mass is moveable relative to the guide responsive to vibration of the load bearing member to introduce a force to counter the vibration.

No. of Pages : 13 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5648/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : JOURNAL BEARING

(51) International classification	:F16C 17/03
(31) Priority Document No	:2009-047355
(32) Priority Date	:27/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/069326
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/097990
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TAKASHI NAKANO

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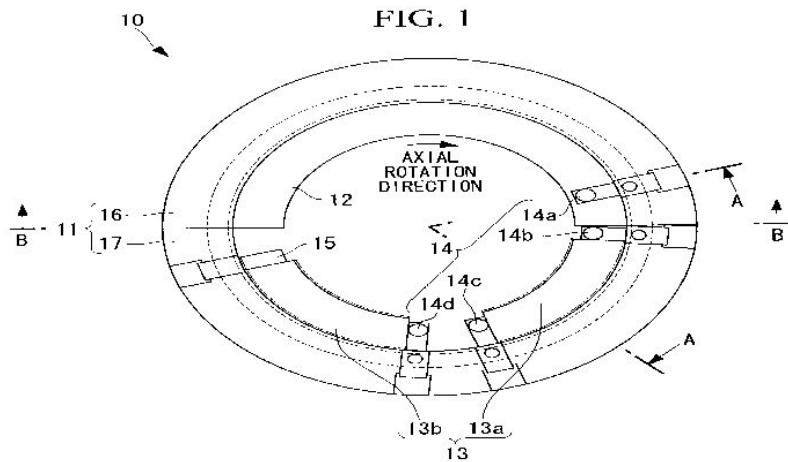
5)TAKAAKI KAIKOGI

6)KAZUHARU HIROKAWA

(57) Abstract :

To reduce the amount of lubricating oil released (supplied) between the outer circumferential surface of a rotation shaft and the inner circumferential surfaces of pads, so as to reduce the churning loss, and to reduce the bearing loss. The journal bearing comprises: a plurality of pads (13a and 13b) arranged radially inside a lower half-carrier ring (17) at intervals, for receiving load from the rotation shaft; and a plurality of pad stops (14a, 14b, 14c, 14d, and 15) respectively arranged at the circumferentially opposite ends of the respective pads (13a and 13b), for restraining circumferential movements of the respective pads (13a and 13b), wherein, among these pad stops (14a, 14b, 14c, 14d, and 15), the pad stops (14a, 14b, 14c, and 14d) other than the pad stop (15) located in the most forward position in the axial rotation direction of the rotation shaft have functions as oiling nozzles for releasing lubricating oil between the outer circumferential surface of the rotation shaft and the inner circumferential surfaces of the pads (13a and 13b). Figure 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5671/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TRIPPING APPARATUS, PARTICULARLY FOR CIRCUIT BREAKERS

(51) International classification	:H01H 71/10
(31) Priority Document No	:10 2009 007 586.0
(32) Priority Date	:05/02/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000061
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/088875
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)JORG GASSMANN

2)MATTHIAS KULKE

3)THOMAS MULLER

(57) Abstract :

A tripping apparatus (1), particularly for circuit , breakers, which comprises at least a controllable tripping magnet (2) with an armature (2.1) which is operatively connected to a downstream tripping catch (6.3), which engages in a tripping mechanism that acts on the circuit breaker and is coupled to a preloaded spring (4) serving as a force amplifier, characterized in that, the tripping mechanism comprises a camshaft (5) having a plurality of cam lobes (5.1, 5.2, 5.4), wherein an actuating means (6) is associated with each cam lobe (5.1, 5.2 and 5.4), respectively arranged at an offset rotational angle, and when tripped, at least two actuating processes associated with the respective actuating means (6.1, 6.2, 6.3) take place consecutively, so that the full spring force is transmitted by means of the camshaft (5) to at least one of said actuating means (6.1, 6.2, 6.3) so as to perform the relevant actuating process.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5673/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PENDULUM MILL

(51) International classification	:B02C 15/02
(31) Priority Document No	:10 2009 000 442.4
(32) Priority Date	:27/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/050847
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/086298
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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- 2)JURGEN VIENKEN**
- 3)JOACHIM GALK**
- 4)GUNTHER PLIHAL**
- 5)WERNER THERIETE**
- 6)TONI SIMONS**
- 7)NORBERT BIANGA**

(57) Abstract :

A pendulum mill (1) is described that comprises a mill housing (2), inside which a drive shaft (44) is arranged. Milling pendulums (82) are suspended at the upper end of the drive shaft (44), while a driving device (40) which is suspended on the bottom wall (30) of the mill housing (20) is disposed at the lower end of the drive shaft (44).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5676/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CRYSTALLINE POLYMORPHIC FORM 631

(51) International classification	:C07D 403/14
(31) Priority Document No	:0902406.8
(32) Priority Date	:13/02/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050216
Filing Date	:11/02/2010
(87) International Publication No	:WO 2010/092386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SHARON ANN BOWDEN

2)DAVID PETER HOILE

3)KARIN ASSARSSON

(57) Abstract :

A new polymorphic form of 3-{[5-(azetidin-1-ylcarbonyl)pyrazin-2-yl]oxy}-5-{[(1S)-1 -methyl-2-(methyloxy)ethyl] oxy} -N-(5 -methylpyrazin-2-yl)benzamide, processes for making it and its use as an activator of glucokinase are described.

No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5628/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : UNIDIRECTIONAL ABSOLUTE OPTICAL ATTENUATION MEASUREMENT WITH OTDR

(51) International classification	:H04B 10/08
(31) Priority Document No	:0823688.7
(32) Priority Date	:31/12/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051679
Filing Date	:10/12/2009
(87) International Publication No	:WO 2010/076567
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DAEMS, DANIEL FRANCOIS

(57) Abstract :

Devices and methods for optical measurements in point-to-point and point-to-multipoint networks, e.g. like PON networks with splitters are described in which reflected power from some known reflections at the end of the lines is used to determine the attenuation and stability of the attenuation of each line. Also a reference reflection is used at the beginning of the network so that an absolute loss measurement between the points of reflection and the reference reflection can be made. In a further aspect wavelength selective stable reflections and reflectors are used, to provide reflections in a wavelength range that does not interfere with normal operation. [Fig. 2]

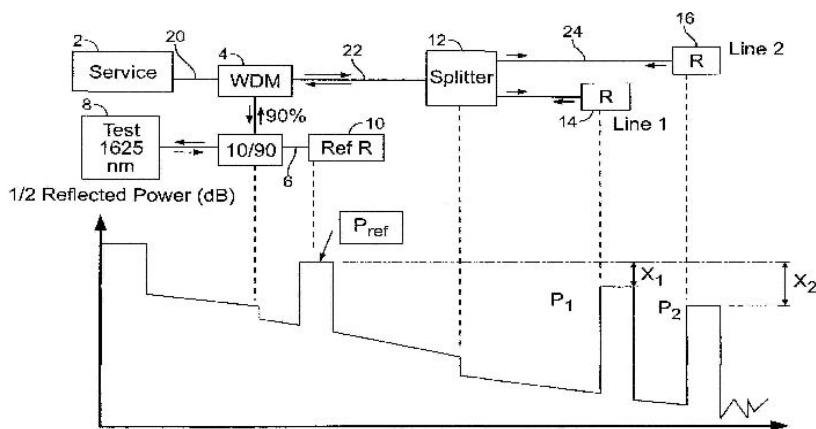


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5658/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PLANT EXTRACTS FROM ACRONYCHIA SPECIES AND THEIR USE

(51) International classification	:C07C 59/64	(71) Name of Applicant :
(31) Priority Document No	:2008906633	1)ECOBIOTICS LTD.
(32) Priority Date	:24/12/2008	Address of Applicant :OF 7 PENDA STREET, YUNGABURRA, QUEENSLAND 4884, Australia
(33) Name of priority country	:Australia	(72) Name of Inventor :
(86) International Application No	:PCT/AU2009/001697	1)GORDON, VICTORIA ANNE
Filing Date	:23/12/2009	2)REDDELL, PAUL WARREN
(87) International Publication No	:WO 2010/071941	
(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 plant extracts and bioactive molecules derived from the plant genus Acronychia and their use as antioxidants, antibacterials, anthelmintic, antiinflammatories, cancer chemopreventatives, food additives and fragrance components in pharmaceuticals, nutraceuticals, foods and cosmetics.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5662/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NON-Graphics USE OF GRAPHICS MEMORY

(51) International classification	:G09G 5/36
(31) Priority Document No	:12/359,071
(32) Priority Date	:23/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022018
Filing Date	:25/01/2010
(87) International Publication No	:WO 2010/085771
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)ERENBEN, KORHAN

2)KODURI, RAJA

3)SEMIANNIKOV, DMITRY

(57) Abstract :

Embodiments of a method and apparatus for using graphics memory (also referred to as video memory 212) for non-graphics related tasks are disclosed herein. In an embodiment a graphics processing unit (GPU 302) includes a VRAM cache module (204) with hardware and software to provide and manage additional cache resources for a central processing unit (CPU). In an embodiment, the VRAM cache module includes a VRAM cache driver (404) that registers with the CPU, accepts read requests from the CPU, and uses the VRAM cache to service the requests. In various embodiments, the VRAM cache is configurable to be the only GPU cache or alternatively, to be a first level cache, second level cache, etc.

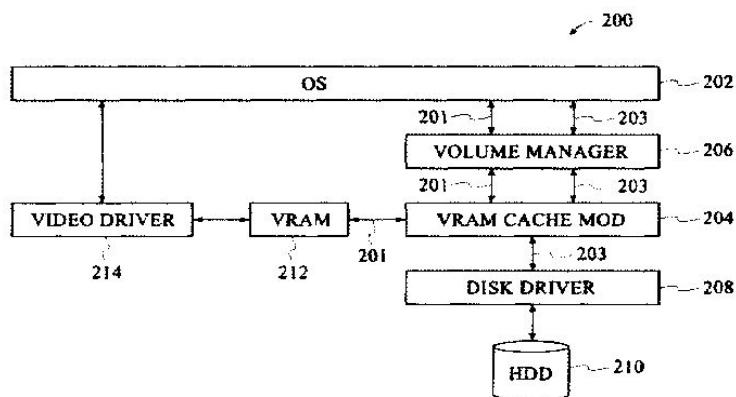


FIG.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5685/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SEALING SYSTEM

(51) International classification	:H02G 3/22
(31) Priority Document No	:0950040-6
(32) Priority Date	:04/02/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2010/051243
Filing Date	:02/02/2010
(87) International Publication No	:WO 2010/089291
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)MILTON STEFAN

7)PETTERSSON RONNIE

8)AKESSON JORGEN

(57) Abstract :

A sealing system for cable entries or pipe penetrations comprising a frame (102) receiving one or more compressible modules (104, 110, 204, 210) surrounding each cable or pipe, whereby a barrier is formed of the one or more modules and at least one compression unit in the frame, wherein the compressible module has at least one opening provided with at least one peelable layer (106) for adapting to the diameter of a cable or pipe, which at least one peelable layer (106) is placed in a profile, characterized in that each compressible module has means (115, 215) for engaging the frame and/or an adjacent compressible module in an axial direction, so as to obstruct movement in an axial direction.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.5721/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RESVERATROL COMPOSITIONS

(51) International classification	:A61K 9/00
(31) Priority Document No	:09152064.3
(32) Priority Date	:04/02/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/000665
Filing Date	:03/02/2010
(87) International Publication No	:WO 2010/089104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

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(72)Name of Inventor :

1)DIGUET, SYLVAIN

2)GOTZ, NICOLLE

3)LEUENBERGER, BRUNO H.

4)ULM, JOHANN

5)SCHWEIKERT, LONI

(57) Abstract :

Compositions consisting of or comprising resveratrol and a protective colloid, particularly a gelatine, a modified food starch or a ligninsulfonate, their use for stably incorporating resveratrol into water-based foods, particularly beverages, and the foods thus obtained.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.5722/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DROPLET GENERATOR

(51) International classification	:B41J 2/025
(31) Priority Document No	:04255578.9
(32) Priority Date	:15/09/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/054577
Filing Date	:14/09/2005
(87) International Publication No	:WO 2010/030018
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1843/DELNP/2007
Filed on	:08/03/2005

(71)Name of Applicant :

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Address of Applicant :BAR HILL, CAMBRIDGE, CAMBRIDGESHIRE CB3 8TU, UNITED KINGDOM

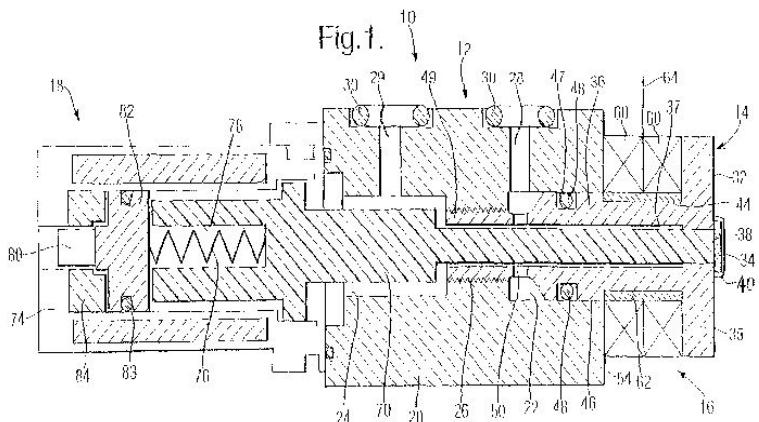
(72)Name of Inventor :

1)MORGAN, JONATHAN

2)LUCAS, JONATHAN HARVEY

(57) Abstract :

The present invention provides a droplet generator (10) of the velocity modulation type, the generator (10) being configured so that substantially all the modulation energy generated by piezo-electric crystals (60) is transformed into vibration of the nozzle (34). The generator preferably also includes an internal closure mechanism (70) which blocks off the nozzle (34) when the generator is not in operation, but which is de-coupled from the modulation process when the generator is operating.



No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5677/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PHOSPHOINOSITIDE 3-KINASE INHIBITORS WITH A ZINC BINDING MOIETY

(51) International classification	:A61K 31/535
(31) Priority Document No	:61/143,271
(32) Priority Date	:08/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/020495
Filing Date	:08/01/2010
(87) International Publication No	:WO 2010/080996
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)XIONG CAI

2)HAIXIAO ZHAI

3)CHENG-JUNG LAI

4)CHANGGENG QIAN

(57) Abstract :

The instant application relates to deazapurines, thienopyrimidines and furopyrimidines with zinc-binding moiety based derivatives and their use in the treatment of phosphoinositide 3 -kinase related diseases and disorders such as cancer. The instant application further relates to the the treatment of histone deacetylase related disorders and diseases related to both histone deacetylase and phosphoinositide 3-kinase.

No. of Pages : 294 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.5700/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SOLAR THERMAL DEVICE FOR PRODUCING FRESH WATER

(51) International classification	:C02F 1/14
(31) Priority Document No	:A 129/2009
(32) Priority Date	:26/01/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/050718
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/084168
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DANIEL KERSCHGENS

2)NORBERT SUSTR

3)KARL ALBRECHT WALDSTEIN-WARTENBERG

4)FRANZ GRABLER-FRITZ

(57) Abstract :

The invention concerns a portable solar-thermal device (1) for the production of fresh water from sewage water or salt water. The device is characterised in that it has a closed fluid circuit (2) made of connected pipe or hose elements with a sewage water supply (3) and a fresh water runoff (4) with the fluid circuit (2) having a tilted heating section (5) essentially aligned normally to the sun irradiation (S) for heating and vaporisation of the sewage water. Connected to this is an essentially vertically aligned condensation section (6) for condensation of the fresh water and heating of the sewage water, and a storage section (7) designed as base area for the condensed fresh water. The heating section (5) of the fluid circuit (2) is characterised by a solar collector (10) for concentration of the thermal energy of sun irradiation (S) on a vaporisation area inside the heating section (5). (Fig. 1)

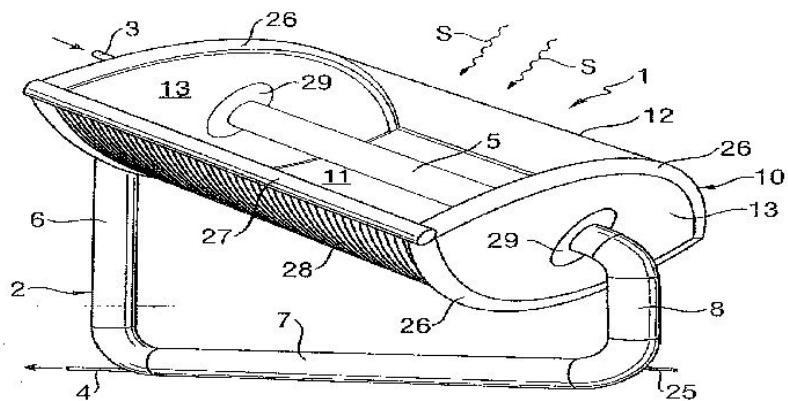


Fig. 1

No. of Pages : 25 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5732/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMAGE AND LIGHT SENSOR CHIP PACKAGES

(51) International classification	:H01L 29/00
(31) Priority Document No	:61/151,529
(32) Priority Date	:11/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023762
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/093699
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEGICA CORPORATION

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(72)Name of Inventor :

1)MOU-SHIUNG LIN

2)JIN-YUAN LEE

(57) Abstract :

An image or light sensor chip package includes an image or light sensor chip having a non-photosensitive area and a photosensitive area surrounded by the non-photosensitive area. In the photosensitive area, there are light sensors, a layer of optical or color filter array over the light sensors and microlenses over the layer of optical or color filter array. In the non-photosensitive area, there are an adhesive polymer layer and multiple metal structures having a portion in the adhesive polymer layer. A transparent substrate is formed on a top surface of the adhesive polymer layer and over the microlenses. The image or light sensor chip package also includes wirebonded wires or a flexible substrate bonded with the metal structures of the image or light sensor chip.

No. of Pages : 158 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5733/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PESTICIDAL COMPOSITIONS

(51) International classification	:C07H 15/26
(31) Priority Document No	:61/151,543
(32) Priority Date	:11/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023831
Filing Date	:11/02/2010
(87) International Publication No	:WO 2010/093752
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GARY CROUSE

2)THOMAS SPARKS

3)CASANDRA MCLEOD

4)DAVID DEMETER

5)ZOLTAN BENKO

6)DEBRA CAMPER

(57) Abstract :

The invention disclosed in this document is related to the field of pesticides and their use in controlling pests. A compound having the following structure is disclosed.

No. of Pages : 77 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5734/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING PIG IRON OR FLUID STEEL PRE-PRODUCTS

(51) International classification	:C21B 13/00
(31) Priority Document No	:A164/2009
(32) Priority Date	:30/01/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/050374
Filing Date	:14/01/2010
(87) International Publication No	:WO 2010/086229
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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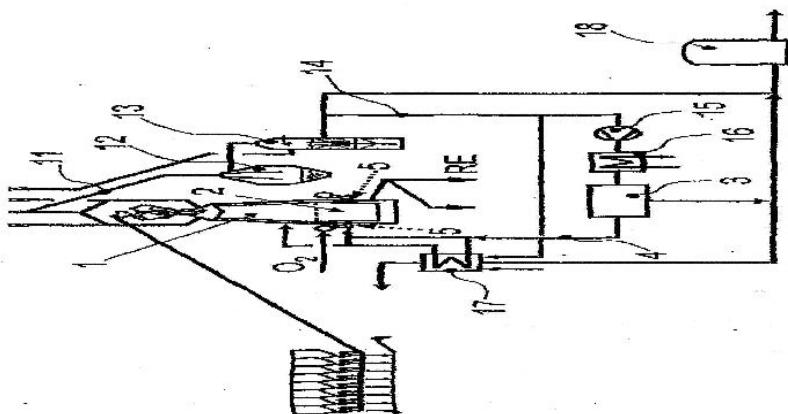
(72)Name of Inventor :

1)ROBERT MILLNER

(57) Abstract :

A method and a plant for the production of pig iron or liquid steel semi-finished products are shown, metal oxide-containing batch materials and, if appropriate, aggregates being at least partially reduced in a reduction zone by means of a reduction gas, subsequently being introduced into a smelting zone and being smelted along with the supply of carbon carriers and oxygen-containing gas and along with the formation of the reduction gas. The reduction gas formed in the smelting zone is supplied to the reduction zone, reacted there and drawn off as export gas, CO₂ is separated from the export gas, and a product gas is formed which is utilized for the introduction of pulverulent carbon carriers into the smelting zone. Figure 1.

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5693/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DIGITAL INTERFACE BETWEEN A RF AND BASEBAND CIRCUIT AND PROCESS FOR CONTROLLING SUCH INTERFACE

(51) International classification	:H04B 15/04	(71) Name of Applicant :
(31) Priority Document No	:08368024.9	1)ST-ERICSSON SA
(32) Priority Date	:31/12/2008	Address of Applicant :39, CHEMIN DU CHAMP-DES-FILLES, CH-1228 PLAN-LES-OUATES (CH) Switzerland
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/009311	1)BRUNEL, DOMINIQUE
Filing Date	:29/12/2009	2)NOEL, LAURENT
(87) International Publication No	:WO 2010/076021	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for controlling the switching of the data rate at a digital interface exchanging data and control messages between a Radio Frequency (RF) circuit and a digital circuit, comprising the steps of setting by default the data rate to a low speed (LS) rate having a density presenting a first lobe being inferior to the frequency band considered in said RF circuit so as to prevent desensitization of the LNAs by the noise produced by said digital interface; storing the data and control messages message into a FIFO and monitoring the level of said FIFO; whenever the level of said FIFO reaches a predetermined threshold value, then controlling said interface to switch to a second high speed (HS) rate in order to flush said FIFO. In one embodiment, the LS frequency is step to a value of 832 MHz, thus preventing simultaneously desensitization of the GSM band and also the GPS band.

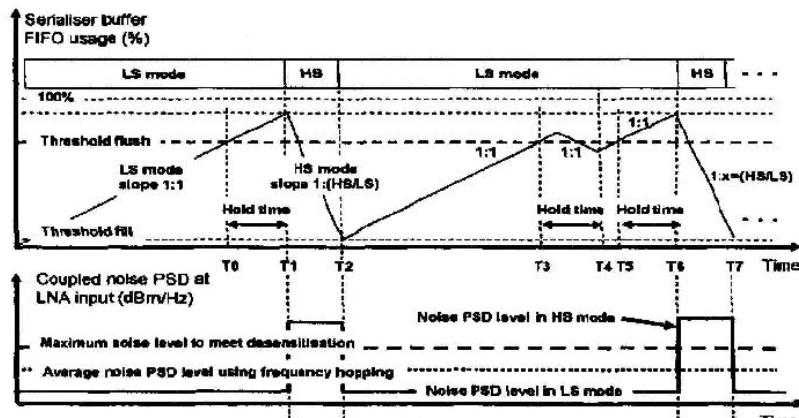


Fig.12

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5696/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUEL PREHEATING SYSTEM

(51) International classification	:F23K 5/20
(31) Priority Document No	:2008/09852
(32) Priority Date	:26/12/2008
(33) Name of priority country	:Turkey
(86) International Application No	:PCT/IB2009/007979
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/073125
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CANACIK, ARIF

2)DONMEZ, AHMET

(57) Abstract :

The present invention provides fuel saving systems. Fuel consumption can be reduced by 5% to 40% or more by pre-combustion heating the fuels. The heat exhaust of a combustion chamber can be used to heat a heat transfer fluid, which exchanges heat with the incoming fuel stream.

No. of Pages : 29 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5697/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYENE ANTIFUNGAL COMPOSITIONS

(51) International classification	:A01N 43/90
(31) Priority Document No	:09152968.5
(32) Priority Date	:17/02/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/051892
Filing Date	:16/02/2010
(87) International Publication No	:WO 2010/094670
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)STARK, JACOBUS

2)VAN RIJN, FERDINAND THEODORUS JOZEF

3)VIS, ALBERT-JON

(57) Abstract :

The present invention relates to polyene antifungal compositions and methods for preparing them. In addition, the invention pertains to the use of the compositions to prevent products from fungal growth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.5699/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INTERMITTENT LOW PRESSURE OROTRACHEAL INTUBATION DEVICE

(51) International classification	:A61M 16/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/BR2009/000080
Filing Date	:23/03/2009
(87) International Publication No	:WO 210/108242
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BARRETO GILSON

Address of Applicant :RUA RUI VICENTE DE MELLO,
1017, BARAO GERALDO, 13084-321- CAMPINAS- SP-
BRAZIL

(72)Name of Inventor :

1)BARRETO GILSON

(57) Abstract :

An orotracheal intubation device (1) for intermittent low-pressure ventilation of a patient is provided with an inflatable cuff (3) including two lines of holes (5,2) communicating with the inflatable cuff and a one-way round valve (4) preventing air flow during inspiration and allowing air flow during expiration.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5745/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SERVO VALVE

(51) International classification	:F16K 31/40
(31) Priority Document No	:PA 2009 00144
(32) Priority Date	:30/01/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000013
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/085952
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHRISTENSEN, OLE HOLST

2)PARASTAR, BEHZAD

(57) Abstract :

The invention provides a servo valve with a main piston and a servo piston. The servo piston controls a pressure in a servo chamber and thereby controls movement of the main piston based on a pressure difference between two chambers of the valve. To facilitate opening of the valve by relatively small pressures even in high pressure systems, the servo chamber according to the invention is provided inside the armature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5746/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ARC WELDING METHOD AND APPARATUS FOR ARC WELDING

(51) International classification	:B23K 9/095
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/SE2009/000106
Filing Date	:24/02/2009
(87) International Publication No	:WO 2010/098700
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)LENNARTSSON, DANIEL

2)JOHANSSON, THOMAS

3)ANDREN, ULF

4)MELIN, BO

(57) Abstract :

The invention relates to a an electric arc welding method, wherein an electrode assembly (100) comprises at least two fusible continuous electrodes (110, 112, 114, 116, 118) acting on a workpiece (10) for generating a weld pool (12) via electric arcs, wherein the at least two electrodes (110, 112, 114, 116, 118) are arranged in sequential order relative to a welding direction (30) and laterally separated relative to each other, wherein steps are performed of monitoring at least one stability parameter (Stab_par) for each electrode (110,112, 114,116,118) of the electrode assembly (100); determining if one electrode (116) of the electrode assembly (100) violates a stability criterion (Crit); separating at least temporarily the one electrode (116) violating the stability criterion (Crit) from one or more adjacent electrodes (110, 112, 114, 118) when a violation of the stability criterion (Crit) of the one electrode (116) is detected.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5753/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RESOURCES ALLOCATION FLEXIBILITY

(51) International classification	:H04L 29/08
(31) Priority Document No	:61/148,103
(32) Priority Date	:29/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/005724
Filing Date	:26/05/2009
(87) International Publication No	:WO 2010/086687
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)IBANEZ, JUAN-ANTONIO

3)FERNANDEZ ALONSO, SUSANA

4)PANCORBO MARCOS, BELEN

(57) Abstract :

A method for an application function (AF) device in a wireless cellular network including the steps of determining with a processing unit whether an application service requires confirmation that a transmission path for corresponding application service media is available to progress set up of an application service session. There is the step of sending a message generated by the processing unit through a network interfacing unit to a policy and charging rule function (PCRF) server to indicate whether the application service requires confirmation that the transmission path for the corresponding application service media is available. An application function (AF) device in a wireless cellular network including a processing unit which determines whether an application service requires confirmation that a transmission path for corresponding application service media is available to progress set up of an application service session. The AF device includes a network interfacing unit that sends a message generated by the processing unit to a policy and charging rule function (PCRF) server indicating whether the application service requires confirmation that the transmission path for the corresponding application service media is available. A method for a policy and charging rule function (PCRF) server in a wireless cellular network. A policy and charging rule function (PCRF) server in a wireless cellular network.

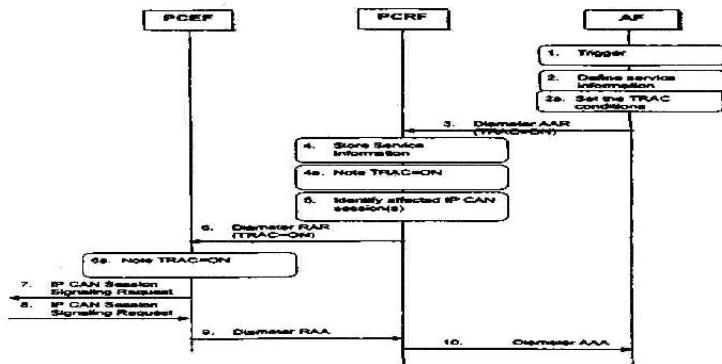


FIG. 5

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5754/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : EMERGENCY CALL HANDLING

(51) International classification	:H04W 4/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/050886
Filing Date	:27/01/2009
(87) International Publication No	:WO 2010/086012
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BLECKERT, PETER

2)HODGES, PHILIP

3)LINDHOLM, FREDRIK

4)SALLBERG, HANS KRISTER MIKAEL

(57) Abstract :

A user terminal for use with a communications system. The user terminal comprises a non-volatile memory and a subscriber identity authentication unit configured in use to communicate with a removable subscriber identity module and with said communications system in order to authenticate a subscriber identity stored in said subscriber identity module. A recording unit is provided for recording a used and authenticated subscriber identity in said non-volatile memory, whilst an emergency call initiation unit is configured to initiate an unauthenticated emergency call in the absence of a subscriber identity module, and to retrieve said used and authenticated subscriber identity from said non-volatile memory and to provide the retrieved subscriber identity to the communications system during the initiation.

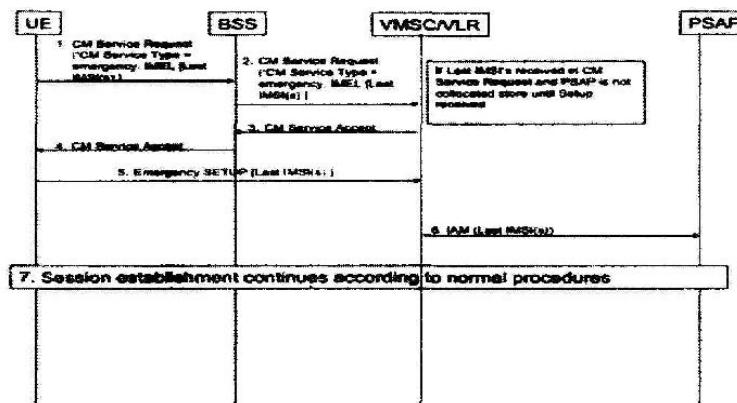


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5758/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : UNSATURATED POLYESTER RESIN COMPOSITION

(51) International classification	:C08G 63/52
(31) Priority Document No	:09156131.6
(32) Priority Date	:25/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053847
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/108962
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :OF HET OVERLOON 1, NL - 6411 TE HEERLEN, THE NETHERLANDS

(72)Name of Inventor :

1)SZKUDLAREK, MARIAN HENRYK

2)JANSEN, JOHAN FRANZ GRADUS ANTONIUS

(57) Abstract :

The present invention relates to a resin composition comprising an unsaturated polyester resin comprising 1,3-propane diol building blocks and C5-C10 unsaturated dicarboxylic acid building blocks and further comprising a reactive diluent. Preferably, at least part of the 1,3-propane diol is derived from a non-fossil source. Preferably, itaconic acid or anhydride is used as the C5 unsaturated dicarboxylic acid..

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5759/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MULTIPLE-METERED SELF-CLEANING DISPENSER

(51) International classification	:B05B 1/14
(31) Priority Document No	:61/141,002
(32) Priority Date	:29/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/001219
Filing Date	:27/12/2009
(87) International Publication No	:WO 2010/076786
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OTIC PHARMA LTD.

Address of Applicant :P.O. BOX 3, 40700 ARIEL ISRAEL.

(72)Name of Inventor :

1)CABIRI OZ

2)YELIN RODRIGO

3)ZLATKIS ELLA

4)EILAT ERAN

(57) Abstract :

A method for dispensing a plurality of metered doses of a fluid, comprising: providing a fluid in a container comprising a plurality of metering chambers and a plurality of tubes connectable to and movable relative to the chambers, wherein the tubes are externally open or open to the fluid; connecting to the chambers tubes open to the fluid, thereby loading the chambers with fluid; and selectively connecting one or more externally open tubes to one or more chambers, thereby dispensing the fluid contents of the one or more chambers via an external opening.

No. of Pages : 44 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5747/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NANOFABRICATED MEMBRANE USING POLYMERIZED PROTEOLIPOSOMES

(51) International classification	:A61K 9/127
(31) Priority Document No	:61/149,521
(32) Priority Date	:03/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023043
Filing Date	:03/02/2010
(87) International Publication No	:WO 2010/091078
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)AQUAZ A/S

Address of Applicant :NORDBORGVEJ 81, E14, DK-6430
NORDBORG, DENMARK

(72)**Name of Inventor :**

1)MONTEMAGNO, CARLO;
2)BHATT, CHANDRASMITHA;
3)YI, JINSOO;
4)STENSTROEM, THEISS;

(57) Abstract :

The present invention generally related to a nanofabricated membrane including polymerized proteoliposomes. The nanofabricated membrane is a bio-nano fused selective membrane using protein-incorporated uv-crosslinkable liposomes with a chemical reactive biocompatible interstitial matrix. In the present invention, internally UV-crosslinked protein- incorporated proteoliposomes are used because the proteoliposomes made by natural lipids have a short life time and a weak resistance to the circumstantial stresses such as a high and low temperature, pressure, ionic strength etc. Furthermore, the proteo-vesicles made by amphiphilic block copolymers provide less consistency in accomplishing proper functionality batch to batch because of the inevitable polydiversity of the polymer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5748/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : UTILIZATION OF BAFFLES IN CHLORINATION ZONE FOR CONTINUOUS CATALYST REGENERATION

(51) International classification	:B01J 38/42	(71) Name of Applicant :
(31) Priority Document No	:12/366,729	1)UOP LLC
(32) Priority Date	:06/02/2009	Address of Applicant :25 EAST ALGONQUIN ROAD, P.O. BOX 5017, DES PLAINES ILLINOIS 60017-5017, UNITED STATES OF AMERICA; U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/020957	(72) Name of Inventor :
Filing Date	:14/01/2010	1)SUN, BING
(87) International Publication No	:WO 2010/090800	2)SECHRIST, PAUL A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Catalyst regeneration vessels including a chlorination zone that includes an outer mixing chamber, an inner mixing chamber, and a catalyst bed. The outer mixing chamber can include a lower portion and an upper portion, the lower portion of the outer mixing chamber including at least one air nozzle that injects a drying air stream into the outer mixing chamber, at least one chlorine input nozzle that injects a chlorine input stream into the outer mixing chamber, and at least a first baffle. The chlorination zone can also contain a second baffle that directs the mixed drying air stream and chlorine input stream from the outer mixing chamber to the inner mixing chamber.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5773/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SELF-GENERATED POWER INTEGRATION FOR GASIFICATION

(51) International classification	:C10J 3/48
(31) Priority Document No	:12/389,758
(32) Priority Date	:20/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022484
Filing Date	:29/01/2010
(87) International Publication No	:WO 2010/096253
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)FAIR DELOME

(57) Abstract :

A gasification facility includes an air separator and a high temperature gas cooler for cooling the gaseous products that are produced at the facility's gasifier. The high temperature gas cooler is configured and a method is provided to produce superheated steam that is used to generate electric power in a steam turbine to satisfy the power demands of at least the air separator. Alternatively, or in addition, the superheated steam can be employed to drive compressors at the air separator. The high temperature gas cooler can be further configured so that it produces only that quantity of superheated steam required for the steam turbine to power the gasification facility, including the air separator, or a quantity of superheated steam adequate for the steam turbine to both power the gasification facility, including the air separator, and provide electric power or superheated steam to other users.

No. of Pages : 18 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5774/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FERMENTATION BROTH FORMULATIONS

(51) International classification

:C12N 1/00

(31) Priority Document No

:61/154,235

(32) Priority Date

:20/02/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/024768

Filing Date

:19/02/2010

(87) International Publication No

:WO 2010/096673

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DANISCO US INC.

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(72)Name of Inventor :

1)HUANG TOM TAO

2)KELLEY AARON

3)MCLAUGHLIN JOHN

(57) Abstract :

The present disclosure relates to fermentation broth formulations containing organic acids and/or organic acid salts, and methods of making and using such formulations.

No. of Pages : 51 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5779/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AVIATION FUEL CONTAINING A PROPORTION OF ORGANIC COMPOUNDS FROM BIOMASS

(51) International classification	:C10L 1/02
(31) Priority Document No	:0951472
(32) Priority Date	:09/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050387
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/103223
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARKEMA FRANCE

Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE

(72)Name of Inventor :

1)JEAN-LUC DUBOIS

(57) Abstract :

The invention relates to an aviation fuel containing between 1 and 100 wt.-% of a fraction of a compound obtained by means of chemical transformation from renewable, natural optionally-hydroxylated monounsaturated fatty acids having a chain length at least equal to 14 carbon atoms, selected from among nitriles and medium fatty acid esters containing between 7 and 12 carbon atoms per molecule and between 0 and 99 wt.-% of a kerosene originating from petrol that meets global aviation fuel specifications.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5735/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR MANUFACTURING 5-(2-{[6-(2,2-DIFLUORO-2-PHENYLETHOXY)HEXYL]AMINO}-L-HYDROXYETHYL)-8-HYDROXYQUINOLIN-2(1H)-ONE

(51) International classification	:C07D 215/26
(31) Priority Document No	:09382030.6
(32) Priority Date	:12/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/001582
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/102831
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALMIRALL, S.A.

Address of Applicant :RONDA DEL GENERAL MITRE,
151, E-08022 BARCELONA, SPAIN

(72)Name of Inventor :

1)IOLANDA MARCHUETA

2)ENRIQUE MOYES VALLS

(57) Abstract :

A process for preparing a 5-(2-{[6-(2,2-difluoro-2-phenylethoxy) hexyl]amino}-l-hydroxyethyl)-8-hydroxyquinolin-2(1H)-one compound of formula (I), or a pharmaceutically acceptable salt thereof, which process comprises: b) reacting, in a xylene solvent, a compound of formula (V) wherein P1 and P2 represent hydroxy protecting groups and L is a leaving group, with 6-(2,2-difluoro-2-phenylethoxy)hexan-1-amine of formula (IV), to give a compound of formula (III) b) effecting a Pi deprotection step and a P2 deprotection step, to remove the protecting groups Pi and P2 and give a compound of formula (I).

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5737/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CATALYST WITH BIMODAL PORE SIZE DISTRIBUTION AND THE USE THEREOF

(51) International classification	:B01J 23/54
(31) Priority Document No	:12/360,482
(32) Priority Date	:27/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020070
Filing Date	:05/01/2010
(87) International Publication No	:WO 2010/088006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCIENTIFIC DESIGN COMPANY, INC.

Address of Applicant :49 INDUSTRIAL AVENUE, LITTLE FERRY, NEW JERSEY 07643, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CHRISTIAN GUECKEL

(57) Abstract :

The invention is directed to a catalyst for the epoxidation of an olefin to an olefin oxide, the catalyst comprising a support having at least two pore size distributions, each pore size distribution possessing a different mean pore size and a different pore size of maximum concentration, the catalyst further comprising a catalytically effective amount of silver, a promoting amount of rhenium, and a promoting amount of one or more alkali metals, wherein the at least two pore size distributions are within a pore size range of about 0.01 μ m to about 50 μ m. The invention is also directed to a process for the oxidation of an olefin to an olefin oxide using the above-described catalyst.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5738/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RADIATION AMOUNT REDUCING DEVICE

(51) International classification	:H05K 9/00
(31) Priority Document No	:2009-022801
(32) Priority Date	:03/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050695
Filing Date	:21/01/2010
(87) International Publication No	:WO 2010/090078
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, 108-0075, JAPAN

(72)Name of Inventor :

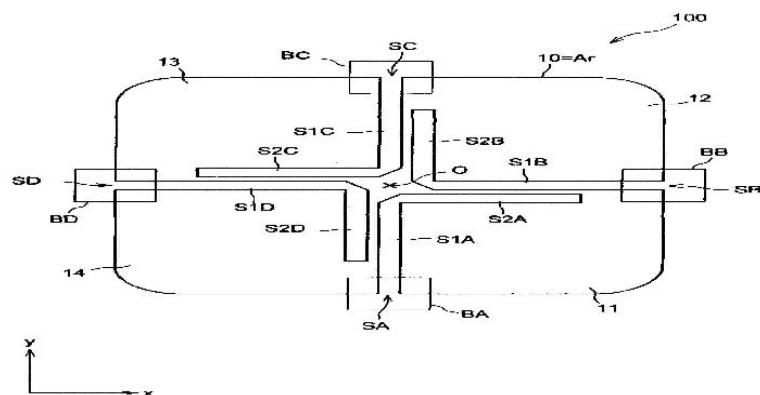
1)YUKINORI KIYOTA

2)KENSEI SUGITA

(57) Abstract :

There is provided a radiation amount reducing device including a plurality of slit formed to a band-shape in a cover region, which is set in a plane of a metal plate capable of entirely covering at least one surface of an electromagnetic wave generation source, and spaced apart from each other, each of the plurality of slits including a drawing slit formed extending from a ferromagnetic field position towards a central part of the cover region and a coupling slit formed extending in parallel with another slit from an end in a central part direction of the cover region in the drawing slit. Representative Drawing Fig. 1A

FIG.1A



No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5790/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WATER PRETREATMENT UNIT USING A FLUORINATED LIQUID

(51) International classification

:C02F 1/10

(31) Priority Document No

:0950643

(32) Priority Date

:02/02/2009

(33) Name of priority country

:France

(86) International Application No

:PCT/FR2010/050169

Filing Date

:02/02/2010

(87) International Publication No

:WO 2010/086575

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GUILLAUME DE SOUZA

Address of Applicant :1, RUE DU CAPITAINE FERBER, F-92130 LSSY-LES-MOULINEAUX, FRANCE

(72)Name of Inventor :

1)GUILLAUME DE SOUZA

(57) Abstract :

The present invention provides a unit for pretreating water, in particular saline water, by heat and/or ion treatment. More particularly, it provides a pretreatment unit comprising a direct contact heat and/or ion exchanger having a continuous or dispersed phase that comprises a fluorinated liquid that is not miscible with water with a density of more than 1.25.

No. of Pages : 52 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5792/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING HYDROCARBONS FROM A HYDRATE RESERVOIR USING A SWEEP GAS

(51) International classification	:E21B 43/16	(71) Name of Applicant :
(31) Priority Document No	:61/141,877	1)CHEVRON U.S.A. INC.
(32) Priority Date	:31/12/2008	Address of Applicant :6001 BOLLINGER CANYON ROAD,
(33) Name of priority country	:U.S.A.	SAN RAMON, CALIFORNIA 94583, UNITED STATES OF
(86) International Application No	:PCT/US2009/069269	AMERICA
Filing Date	:22/12/2009	(72) Name of Inventor :
(87) International Publication No	:WO 2010/078162	1)BALCZEWSKI, JOHN THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for producing hydrocarbons from a hydrocarbon containing hydrate reservoir is disclosed. The method includes providing at least one producer well in fluid communication with a producing facility and with a hydrocarbon containing hydrate reservoir. The hydrate reservoir is in fluid communication with a head space disposed above the hydrate formation. The head space contains disassociated hydrocarbons and water. A sweep gas is swept through the head space to remove the disassociated gas and water from the hydrate reservoir and to transport the disassociated gas and water to the at least one producer well. Preferably, the sweep gas is introduced into the head space utilizing one or more injector wells. The sweep gas may be heated. The additional pressure and/or heat provided by the sweep gas may help inhibit the reformation of disassociated gas and water into hydrates allowing for enhanced production rates. The additional heat will also help increase the disassociation rate of the upper part of the hydrate formation adjacent the head space. Non-limiting examples of sweep gases may include natural gas, methane, nitrogen or a mixture of the gases.

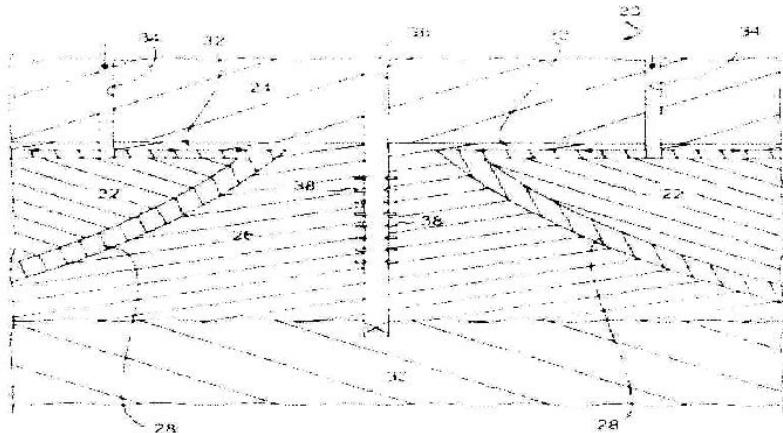


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5780/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

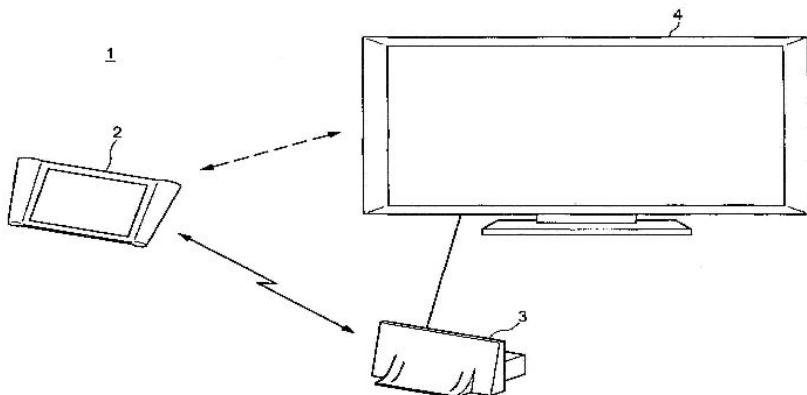
(51) International classification	:G06F 3/041	(71) Name of Applicant :
(31) Priority Document No	:2009-024237	1)SONY CORPORATION
(32) Priority Date	:04/02/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/051020	1)FUMINORI HOMMA
Filing Date	:27/01/2010	2)TATSUSHI NASHIDA
(87) International Publication No	:WO 2010/090106	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a portable information processing device having a touch panel, and an information processing method and a program in the information processing device for enabling a user manipulation to be simpler and more intuitive than in a related art and large screen displayed content to be directly manipulated by the portable information processing device. The portable information processing device includes an input position detection unit provided at a display screen side of the display device, for detecting a position of an input by a manipulation body on the display screen, a gesture detection unit provided at a back side of the display screen of the display device, for detecting a predetermined gesture, an output device selection unit for selecting an output device for outputting content data corresponding to the selected object based on first gesture information that indicates gesture detected by the gesture detection unit, and a signal generation unit for generating a control signal for causing the selected output device to execute a predetermined process based on second gesture information that indicates gesture detected by the gesture detection unit.

Representative Drawing Fig. 1

FIG.1



No. of Pages : 70 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5783/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CATION EXCHANGE CAPACITY TITRATION UNIT

(51) International classification	:G01N 31/16
(31) Priority Document No	:61/147,416
(32) Priority Date	:26/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021991
Filing Date	:25/01/2010
(87) International Publication No	:WO 2010/085750
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GEORGE MCMENNAMY

2)MARIAN BARANOWSKI

3)ARKADIY BELKIN

(57) Abstract :

Disclosed herein is a cation exchange capacity titration unit comprising a titration cell having a closed bottom end in fluid communication with an open top end; a recirculation loop comprising a pump and a sensing unit, wherein the pump comprises a pump inlet in fluid communication with the bottom end of the titration cell, and a pump outlet in fluid communication with a sensing unit inlet, the sensing unit inlet being in fluid communication with a sensing unit outlet, wherein the sensing unit outlet is in fluid communication with the top end of the titration cell such that operation of the pump results in an analyte sample flowing from the bottom end through the pump, through the sensing unit, and back into the top end of the titration cell in a continuous loop. A method of determining the cation exchange capacity of a sample is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5784/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LATERAL ACCESS BLANKET

(51) International classification	:A61B 19/08
(31) Priority Document No	:12/320,648
(32) Priority Date	:30/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000193
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/087951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SMITHS MEDICAL ASD, INC.

Address of Applicant :160 WEYMOUTH STREET,
ROCKLAND, MASSACHUSETTS 02370, UNITED STATES
OF AEMRICA

(72)Name of Inventor :

1)JOSEPH PIERRE

2)RACHEL STARR

3)ALAN STEC

(57) Abstract :

A convective warming blanket is configured to have an upper body portion and two leg portions that extend from a distal end of the upper body portion. The leg portions are separated by a space sufficient to expose a lateral side of a patient covered by the blanket. A flap separable from the leg portion that extends from the mid-section of the upper body portion may be used to securely wrap around the extended arms of the patient, who is lying on his side. Adhesive tapes are provided on the outside edges of the leg portions to secure the blanket to the surface onto which the patient lies. Apertures are appropriately formed at the sheet that comes into contact with the patient at the upper body portion and along the respective inner side edges of the leg portions so that both the upper body and the exposed lower body of the patient are warmed by heated air. The blanket is designed to have mirror image versions usable for exposing the lateral left side or the lateral right side of the patient.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5807/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REAMER AND DRILL GUIDING DEVICE

(51) International classification	:A61B 17/17
(31) Priority Document No	:61/150,090
(32) Priority Date	:05/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023156
Filing Date	:04/02/2010
(87) International Publication No	:WO 2010/091155
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYNTHES GMBH

Address of Applicant :EIMATTSTRASSE 3, CH-4436
OBERDORF, SWITZERLAND

(72)Name of Inventor :

1)MICHAEL PLECKO

2)MARTIN FELDER

3)ANDREAS SIGRIST

(57) Abstract :

A device (102) for guiding a drilling tool (104) to form an opening in a bone (108), comprises a body (110) extending from a distal end (114) to a proximal end (116), the body including a lumen (118) extending therethrough, the lumen being sized and shaped to slidably accommodate a guidewire (106) therein and a plurality of arms (112) extending proximally from the proximal end, the arms being disposed about the lumen with a gripping surface (120) of each arm being spaced radially from an axis of the guide wire lumen by a distance corresponding to a thickness of a guidewire to be received therein, the gripping surfaces gripping the guidewire to maintain a portion thereof extending proximally of the lumen along the axis of the lumen.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5795/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROTEIN HYDROLYSATE COMPOSITIONS

(51) International classification	:A23J 3/16
(31) Priority Document No	:61/141,941
(32) Priority Date	:31/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069868
Filing Date	:30/12/2009
(87) International Publication No	:WO 2010/078462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)NOVOZYMES A/S

(72)Name of Inventor :

1)HWANG, DER-CHYAN

2)SHAH, NAINA K.

3)KERR, PHILLIP S.

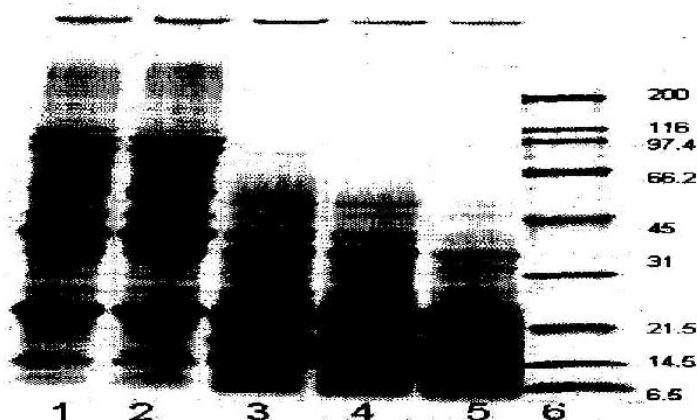
4)WONG, THEODORE M.

5)LYNGLEV, GITTE BUDOLFSEN

(57) Abstract :

The present invention provides protein hydrolysate compositions, processes for making protein hydrolysate compositions, and food products comprising protein hydrolysate compositions. The protein hydrolysate compositions generally comprise a mixture of polypeptides enriched in a 47 kDa fragment, wherein between about 10% and about 66% of the polypeptides are the 47 kDa fragment

Figure 1



No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5814/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER DISTRIBUTION SYSTEM

(51) International classification	:H01H 71/24
(31) Priority Document No	:10 2009 012 650.3
(32) Priority Date	:11/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052263
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/102899
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY

(72)Name of Inventor :

1)SEBASTIAN AUKOFER

2)WOLFGANG ERVEN

(57) Abstract :

The invention relates to a power distribution system having at least one circuit breaker upstream, from the perspective of the power supply, and at least one circuit breaker downstream that have at least one movable switch contact (2) conducting current that contacts a related fixed switch contact (1) by force and in the case of a short-circuit type current rise of current dynamically created magnetic forces is raised thereby, wherein one arc is created between each of the two switch contacts (1,2), the current is effective in a limiting manner, having a catch mechanism (9) that holds the movable switch contact (2) in place from the reaching of a specified opening angle (w) and having a selective trigger (6) for triggering the related circuit breaker upon exceeding a specified criterion. In order to attain a power selective circuit breaker that can also be used for larger rated currents and has a long service life, according to the invention there is an actuator (7) that can be triggered by the selective trigger (6) that activates the catch mechanism (9) to release the movable switch contact (2) when the criterion is exceeded

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5838/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPLICATION OF PLATFORM DEPENDENT ROUTINES IN VIRTUAL MACHINES BY EMBEDDING NATIVE CODE IN CLASS FILES

(51) International classification	:G06F 9/445
(31) Priority Document No	:10 2009 006 882.1
(32) Priority Date	:30/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000493
Filing Date	:27/01/2010
(87) International Publication No	:WO 2010/086155
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADVANCED MICRO DEVICES, INC.

Address of Applicant :1 AMD PLACE, MAIL STOP 68, SUNNYVALE, CA 94008-3453, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)FROST, GARY

(57) Abstract :

The deployment of native methods in a virtual machine environment may significantly be simplified by incorporating a corresponding native code segment into the application file, such as a JAVA class file, and using the embedded native code segment for library bind operations of the corresponding class file.

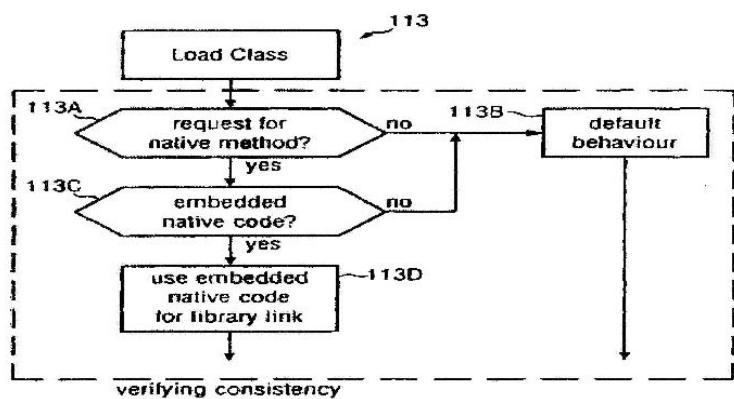


FIG. 1d

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.5868/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MAGNETOSTRICTIVE LIQUID DENSITY DETECTOR

(51) International classification	:G01N 9/00
(31) Priority Document No	:61/142,666
(32) Priority Date	:06/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/020228
Filing Date	:06/01/2010
(87) International Publication No	:WO 2010/080809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)VEEDER-ROOT COMPANY

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SIMSBURY, CONNECTICUT 06070, UNITED STATES OF
AMERICA

(72)**Name of Inventor :**

1)AMBROISE PRINSTIL

2)JOSEPH TESSITORE

(57) Abstract :

A fluid level probe for use in a tank containing a first fluid, comprising: a probe shaft including a top end and a bottom end; a first float carrying a first magnet, the first float being slidably disposed for movement along the probe shaft and adapted to float at a top surface of the first fluid; a second float carrying a first magnet, the second float being slidably disposed for movement along the probe shaft beneath the first float and adapted to float within the first fluid such that there is magnetic repulsion between the first magnet of the first float and the first magnet of the second float; and electronics operative to determine a first distance between the first magnet of the first float and the first magnet of the second float.

No. of Pages : 56 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.5869/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RUBBER COMPOUNDING OIL, AROMATIC COMPOUND-CONTAINING BASED OIL, AND METHODS FOR PRODUCING SAME

(51) International classification	:C08L 21/00	(71) Name of Applicant :
(31) Priority Document No	:P2009-079063	1)JX NIPPON OIL & ENERGY CORPORATION
(32) Priority Date	:27/03/2009	Address of Applicant :6-3, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8162 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/054544	1)TOSHIO YOSHIDA
Filing Date	:17/03/2010	2)MEGUMI TSUJII
(87) International Publication No	:WO 2010/110144	3)MINORU IHARA
(61) Patent of Addition to Application Number	:NA	4)KOJI MAEYAMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rubber compounding oil having a total aromatic content of 50 mass% or greater according to ASTM D 2007 or ASTM D 2549, a flash point of 250°C or higher, a difference of at least 45°C between the pour point and glass transition point, a benzo(a)pyrene content of no greater than 1 ppm by mass and a total content of the following indicated aromatic compounds 1) to 8) of no greater than 10 ppm by mass. 1) Benzo(a)pyrene (BaP) 2) Benzo(e)pyrene (BeP) 3) Benzo(a)anthracene (BaA) 4) Chrysene (CHR) 5) Benzo(b)fluoranthene (BbFA) 6) Benzo(j)fluoranthene (BjFA) 7) Benzo(k)fluoranthene (BkFA) 8) Dibenzo(a,h)anthracene (DBAhA)

No. of Pages : 70 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5809/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TEA EXTRACT AND METHOD FOR PRODUCING SAME

(51) International classification	:A23F 3/16
(31) Priority Document No	:2009-018286
(32) Priority Date	:29/01/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050104
Filing Date	:07/01/2010
(87) International Publication No	:WO 2010/087215
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TAKASAGO INTERNATIONAL CORPORATION
Address of Applicant :37-1, KAMATA 5-CHOME, OHTA-KU, TOKYO 1448721 JAPAN

(72)Name of Inventor :

1)KENJI SAITO

(57) Abstract :

Provided is a method for producing a tea extract having enriched aroma by using an inexpensive enzyme without adding any chemically synthesized aroma components. A method for producing a tea extract which comprises performing a treatment with a polysaccharide-degrading enzyme simultaneously with and/or after the extraction of a tea extract from a starting tea material, wherein, in the treatment with the polysaccharide-degrading enzyme, the pH of the tea extract is 3-7 and the treatment time is 3-48 hours.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5810/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CYCLOPROPYL AMIDE DERIVATIVES TARGETING THE HISTAMINE H3 RECEPTOR

(51) International classification	:C07D 241/04
(31) Priority Document No	:61/154,067
(32) Priority Date	:20/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050191
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/096011
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASTRAZENECA AB

Address of Applicant :S-151 85 SODERTALJE, SWEDEN

(72)Name of Inventor :

1)ANDREW GRIFFIN

(57) Abstract :

Disclosed herein is at least one cyclopropyl amide derivative, at least one pharmaceutical composition comprising at least one cyclopropyl amide derivative disclosed herein, and at least one method of using at least one cyclopropyl amide derivative disclosed herein for treating at least one histamine H3 receptor associated condition therewith.

No. of Pages : 140 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5841/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REDUCTION OF THICKNESS VARIATIONS OF A THRESHOLD ADJUSTING SEMICONDUCTOR ALLOY BY REDUCING PATTERNING NON-UNIFORMITIES PRIOR TO DEPOSITING THE SEMICONDUCTOR ALLOY

(51) International classification	:H01L 21/234
(31) Priority Document No	:10 2009 006 886.4
(32) Priority Date	:30/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000490
Filing Date	:27/01/2010
(87) International Publication No	:WO 2010/086152
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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STATES OF AMERICA

(72)**Name of Inventor :**

1)KRONHOLZ, STEPHAN

2)NAUMANN, ANDREAS

3)BEERNINK, GUNDA

(57) Abstract :

The growth rate in a selective epitaxial growth process for depositing a threshold adjusting semiconductor alloy, such as a silicon/germanium alloy, may be enhanced by performing a plasma assisted etch process prior to performing the selective epitaxial growth process. For example, a mask layer may be patterned on the basis of the plasma assisted etch process, thereby simultaneously providing for a superior device topography during the subsequent growth process. Hence, the threshold adjusting material may be deposited with enhanced thickness uniformity, thereby reducing overall threshold variability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5846/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPUTER SYSTEM AND ITS CONTROL METHOD

(51) International classification	:G06F 3/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/058593
Filing Date	:23/04/2009
(87) International Publication No	:WO 2010/122679
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HITACHI, LTD.

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CHIYODA-KU, TOKYO JAPAN.

(72)Name of Inventor :

1)INOUE HIRONOBU

2)INOUE SHINTARO

3)TAKATA YUTAKA

(57) Abstract :

This invention intends to provide the computer system equalizing the storage capacity immediately and appropriately to multiple real logical areas dynamically providing storage capacity to virtual logical areas. This invention is the computer system which, in the process of performing the dynamic allocation of storage areas to virtual volumes in response to accesses from the higher-level device, when adding pool volumes to the pool, migrates storage areas among multiple logical areas, and maintains the balance of the storage capacity.

No. of Pages : 80 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.5874/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FOAM- FORMING COMPOSITIONS CONTAINING MIXTURES OF CIS-1 ,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND 1,1,1,3,3-PENTAFLUOROPROPANE AND THEIR USES IN THE PREPARATION OF POLYISOCYANATE-BASED FOAMS

(51) International classification	:C08G 18/48
(31) Priority Document No	:61/149473
(32) Priority Date	:03/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/22506 :29/01/2010
(87) International Publication No	:WO 2010/090951
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)E.I. DU PONT DE NEMOURS AND COMPANY
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WILMINGTON, DELAWARE 19898, U.S.A.

(72)**Name of Inventor :**

**1)LOH, GARY
2)CREAZZO, JOSEPH, ANTHONY**

(57) Abstract :

Foam-forming compositions are disclosed which contain a mixture of cis-1,1,1,4,4,4-hexafluoro-2-butene and 1,1,1,3,3-pentafluoropropane. Also disclosed is a closed-cell polyurethane or polyisocyanurate polymer foam prepared from reaction of an effective amount of the foam-forming composition with a suitable polyisocyanate. Also disclosed is a process for producing a closed-cell polyurethane or polyisocyanurate polymer foam by reacting an effective amount of the foam-forming composition with a suitable polyisocyanate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.59/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS AND KITS FOR PREDICTING INFUSION REACTION RISK AND ANTIBODY-MEDIATED LOSS OF RESPONSE BY MONITORING SERUM URIC ACID DURING PEGYLATED URICASE THERAPY

(51) International classification	:G01N 33/48
(31) Priority Document No	:61/269,669
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040082
Filing Date	:25/06/2010
(87) International Publication No	:WO 2010/151823
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAVENT PHARMACEUTICALS, INC.

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BOULEVARD, EAST BRUNSWICK, NEW JERSEY 08816,
UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)THERESA ROSARIO-JANSEN

2)DAVIS ERICK WRIGHT

(57) Abstract :

Methods and kits for predicting infusion reaction risk and antibody-mediated loss of response during intravenous PEGylated uricase therapy in gout patients is provided. Routine SUA monitoring can be used to identify patients receiving PEGylated uricase who may no longer benefit from treatment and who are at greater risk for infusion reactions.

No. of Pages : 32 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.5740/DELNP/2011 A

(43) Publication Date : 01/02/2013

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

(51) International classification	:C08L 83/04	(71) Name of Applicant :
(31) Priority Document No	:2009-022014	1)DOW CORNING TORAY CO., LTD.
(32) Priority Date	:02/02/2009	Address of Applicant :5-1, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO, 1000004, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/051661	1)HASEGAWA, CHIICHIRO
Filing Date	:29/01/2010	2)YOSHITAKE, MAKOTO
(87) International Publication No	:WO 2010/087523	3)AKITOMO, HIROSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A curable silicone composition characteristically comprises (A) (A-1) a dialkylpolysiloxane that has at least two alkenyl groups in each molecule and a viscosity of at least 1,000 mPas to not more than 50,000 mPas and (A-2) an alkenyl-containing, resin-form organopolysiloxane that comprises the SiO₄/2 unit, R₁R₂SiO₁/2 unit, and R₁₃SiO₁/2 unit wherein R₁ is alkyl and R₂ is alkenyl and that contains the alkenyl group in the range from at least 0.5 mass% to less than 3.5 mass%; (B) an organopolysiloxane that has at least three silicon-bonded hydrogen atoms; and (C) a hydrosilylation reaction catalyst and provides a highly transparent cured silicone material that characteristically has a hardness is in the range from at least 30 to not more than 80, the parallel light transmittance at 25 °C is at least 90%, and the parallel light transmittance at 200 °C is a value that is at least 99% of the parallel light transmittance at 25 °C.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5828/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FAUCET MANIFOLD

(51) International classification	:F15B 13/00
(31) Priority Document No	:61/156,191
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025524
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099397
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MASCO CORPORATION OF INDIANA

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INDIANAPOLIS, INDIANA 46280 U.S.A.

2)MERCURY PLASTICS, INC.

(72)Name of Inventor :

1)NELSON, ALFRED, C.

2)DAVIS, DEWAYNE

(57) Abstract :

A faucet including a molded waterway assembly having a plurality of tubes and nipples overmolded within a collar.

No. of Pages : 32 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.5885/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWDER COATING COMPOSITION

(51) International classification	:C08J 3/00	(71) Name of Applicant :
(31) Priority Document No	:09152363.9	1)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH
(32) Priority Date	:09/02/2009	Address of Applicant :KLYBECKSTRASSE 200, CH-4057 BASEL, SWITZERLAND
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/051013	1)PHILIPPE GOTTIS
Filing Date	:28/01/2010	
(87) International Publication No	:WO 2010/089242	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A masterbatch composition, a method for the preparation of a masterbatch composition, a method for the preparation of a powder coating composition, a powder coating composition obtainable by said method as well as the use of a masterbatch composition for a powder coating composition or for increasing the opacity of a cured powder coating is disclosed.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.5915/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TRANSPORT SYSTEM CAPABLE OF RECHARGING VEHICLES WHILE IN MOTION

(51) International classification	:B60M 7/00
(31) Priority Document No	:2009-283418
(32) Priority Date	:24/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070075
Filing Date	:11/11/2010
(87) International Publication No	:WO 2011/065233
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KITAGUCHI, HIROMASA

Address of Applicant :CHI-101, SHIMA-MACHI,
KOMATSU-SHI, ISHIKAWA 9230303, JAPAN

(72)Name of Inventor :

1)KITAGUCHI, HIROMASA

(57) Abstract :

Provide an electric vehicle transportation system that reduces CO2 emissions and also enables automatic driving to prevent accidents caused by the driver dozing off or losing attention, in light of the situation of late where reduction of CO2 emissions has become critical to one of the greatest problems causing environmental destruction and where vehicles that use gasoline, diesel oil and other fossil fuels are among the various things that generate a lot of CO2. This vehicle transportation system promotes a widespread use of storage-cell-powered vehicles by minimizing the number of storage cells installed on them and thereby reducing their cost. The system involves laying rails that carry current on roads, where only the rails that are passed by vehicles carry current. In addition, the system releases earth leakage current by means of grounding to ensure safety even during rain, so that even storage-cell-powered vehicles can drive long distances by recharging themselves while traveling. Since this is a single-rail system, driving a vehicle becomes much easier and there is also peace of mind because the vehicle can be driven by using the electricity received from the rail to drive the motor, turn on the lights at night, and heat the cabin in winter or cool it in summer, without worrying about electricity running short. At the same time the storage cells are constantly charged to allow for continuous driving as long as there is a rail, and thereby reducing CO2 generated from such continuous driving.

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.5917/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF CHIRAL ALPHA-ARYL PROPIONIC ACID DERIVATES

(51) International classification	:C07C 67/60
(31) Priority Document No	:09152244.1
(32) Priority Date	:06/02/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/051347
Filing Date	:04/02/2010
(87) International Publication No	:WO 2010/0893434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

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(72)Name of Inventor :

1)KAPTEIN, BERNARDUS

2)VLIEG, ELIAS

3)NOORDUIN, WILLEM LIEUWE

(57) Abstract :

The present invention provides a method for the synthesis of optically pure α -aryl propionic acid derivatives comprising subjecting the corresponding racemic α -aryl propionic acid derivatives to high sheer or impact forces, such as grinding.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5820/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : USE OF AN ANTIBODY PHARMACEUTICAL COMPOSITION

(51) International classification	:C07K 16/18
(31) Priority Document No	:60/676,093
(32) Priority Date	:29/04/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US06/016071
Filing Date	:28/04/2006
(87) International Publication No	:WO 2006/118959
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7918/delnp/2011
Filed on	:15/10/2007

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ARNON ROSENTHAL

2)JAUME PONS

3)WEI-HSIEN HO

(57) Abstract :

The use of an antibody pharmaceutical composition in the preparation of a medicament for preventing, treating, inhibiting or delaying development of a disease associated with altered AR or (3APP expression or accumulation of A(3 peptide, wherein the composition comprises a pharmaceutically acceptable excipient and an effective amount of monoclonal antibody that specifically binds to an A(3 peptide, wherein said antibody binds to an epitope on API-40 that includes amino acids 25-34 and 40, wherein said antibody binds to A131-40 with higher affinity than its binding to A131-42, wherein said antibody binds to A(322_37 With a KD of less than 1 μ M, and wherein said antibody comprises a heavy chain variable region comprising three CDRs at least 97% identical to the three CDRs from the heavy chain variable region shown in SEQ ID NO: 1, and a light chain variable region comprising three CDRs at least 96% identical to the three CDRs from the light chain variable region shown in SEQ ID N0:2.

No. of Pages : 86 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5823/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TABLETS FOR COMBINATION THERAPY

(51) International classification	:A61K 9/20
(31) Priority Document No	:61/150,652
(32) Priority Date	:06/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023226
Filing Date	:04/02/2010
(87) International Publication No	:WO 2010/091197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GILEAD SCIENCES, INC.

Address of Applicant :333 LAKESIDE DRIVE, FOSTER CITY, CALIFORNIA 94404, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)OLIYAI, REZA

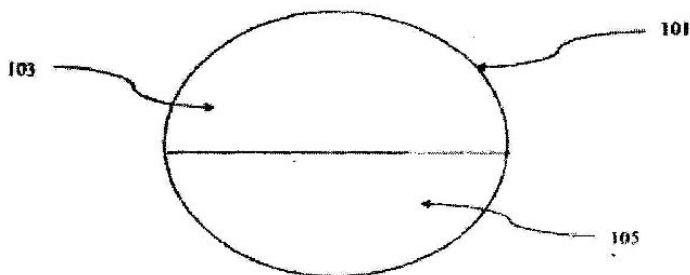
2)MENNING, MARK, M.

3)KOZIARA, JOANNA, M.

(57) Abstract :

The invention provides solid dose forms (e.g. tablets) comprising a compound of Formula I, a compound of Formula II, a compound of Formula III and a salt of Formula IV. [insert Formula I, II, III, IV]

Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.5900/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ANTI BONE-LOSS AND ANTI ATTACHMENT-LOSS EFFECTS OF AN ORAL COMPOSITION

(51) International classification	:G01N 33/569
(31) Priority Document No	:61/165,685
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029670
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/115031
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)BARNES VIRGINIA

2)TRIVEDI HARSH MAHENDRA

3)XU TAO

4)SHIMIZU EMI

5)PARTRIDGE NICOLA CHENELLE

6)WANG WEI

(57) Abstract :

Methods for identifying compounds useful for treating diseases and conditions of the oral cavity are described herein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2011

(21) Application No.5936/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR COLLECTION OF DEBRIS

(51) International classification	:E01H 1/04	(71) Name of Applicant : 1)AERO-TECH PTY LTD Address of Applicant :24 CEYLON STREET, NUNAWADING, VICTORIA 3131, AUSTRALIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/AU2009/000149	(72) Name of Inventor : 1)TOZER, WARWICK, BROOK
Filing Date	:09/02/2009	
(87) International Publication No	:WO 2010/088715	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (10) for collecting debris from a ground surface (18). A flexible generally member (17) has openings (16) therethrough. When the device is laid on and forwardly moved over the ground surface (18) debris on the ground surface passes upwardly through the openings, over inclined pick-up portions (42) of the device and thence onto collection surface (25) of the device. The device has transversely extending openings (88) spaced in the lengthwise direction on inclined surfaces (68) of the pick-up portions (42) whereby under forward movement of the device (10) in use, debris is accumulated in the recesses (88). Debris accumulated in the recesses (88) tends to be retained therein during deceleration of the device (10).

No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2011

(21) Application No.5961/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CARBONACEOUS REFRACTORY METERIAL, PROCESS FOR PRODUCING SAME, AND FURNACE BOTTOM OR SIDE WALL OF BLAST FURNACE

(51) International classification	:C04B 35/52	(71) Name of Applicant :
(31) Priority Document No	:2009-033979	1)NIPPON STEEL CORPORATION
(32) Priority Date	:17/02/2009	Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN
(33) Name of priority country	:Japan	2)NIPPON ELECTRODE CO., LTD.
(86) International Application No	:PCT/JP2010/052801	(72) Name of Inventor :
Filing Date	:17/02/2010	1)HIROYUKI INOUE
(87) International Publication No	:WO 2010/095757	2)MICHIO NITTA
(61) Patent of Addition to Application Number	:NA	3)TAJIRO MATSUI
Filing Date	:NA	4)TSUTOMU WAKASA
(62) Divisional to Application Number	:NA	5)YOSHIYUKI YAMAGAMI
Filing Date	:NA	6)TORU MOCHIDA

(57) Abstract :

The present invention provides a carbonaceous refractory, and a method of production of the same, which prevents a drop in the molten pig iron corrosion resistance, molten pig iron penetration resistance, and other properties of carbonaceous refractories required for blast furnace bottom refractories and, further, raises the mechanical strength of the refractories so as to suppress cracking due to thermal stress, that is, a carbonaceous refractory characterized by comprising a carbonaceous material comprised of one or more of calcined anthracite, calcined coke, natural graphite, or artificial graphite in 60 to 85 mass%, a refractory metal oxide in 5 to 15 mass%, metal silicon in 4 to 15 mass%, and carbon black in 2 to 10 mass% and by being obtained by adding an organic binder to refractory materials made a total 100 mass%, kneading the materials, then molding them and firing them in a nonoxidizing atmosphere.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.62/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING AN OPERATION OF A RETARDER IN A MOTOR VEHICLE

(51) International classification	:B60T 10/02
(31) Priority Document No	:0950512-4
(32) Priority Date	:01/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050713
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/002400
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCANIA CV AB

Address of Applicant :S-151 87 SODERTALJE, SWEDEN

(72)Name of Inventor :

1)TOMAS SELLING

2)MIKAEL SANNELIUS

(57) Abstract :

The invention relates to a method for controlling retarder operation of a motor vehicle (100, 110), comprising the steps of: - continuously detecting temperatures (T) of the retarder's fluid (graph a); - continuously determining a change in the detected temperature; and - automatically disconnecting the operation of the retarder when said detected temperature exceeds a predetermined temperature. Said predetermined temperature (graph b) is determined continuously on the basis of the magnitude of the change per unit time. The invention relates also to a computer programme product comprising programme code for a computer for implementing a method according to the invention. The invention relates also to a device and a motor vehicle equipped with the device. (Fig. 3)

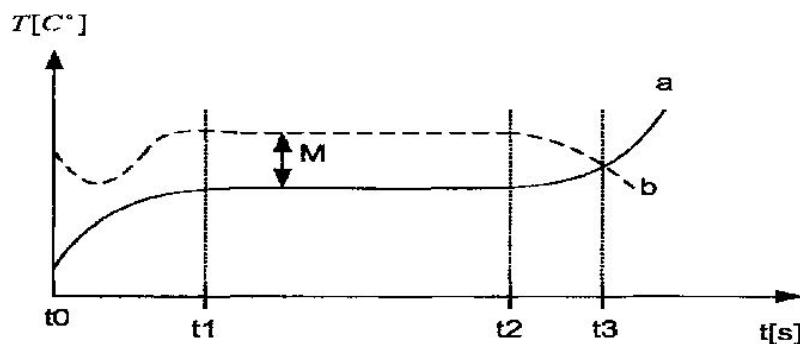


Fig. 3

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2011

(21) Application No.639/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (S)-(+)- OR (R)-(-)-10-HYDROXY-DIHYDRODIBENZ[B,F]AZEPINES

(51) International classification	:C07D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)Jubilant Life Sciences Limited

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Uttar Pradesh India

(72)**Name of Inventor :**

1)BISWAS Sujay

2)DUBEY Shailendra Kumar

3)BANSAL Vikas

4)VIR Dharam

(57) Abstract :

The present invention provides a novel process for the preparation of optically pure (S)-(+)- or (R)-(-)-10-hydroxy-dihydrodibenz[b,f]azepines or derivatives thereof, starting from racemic 10-hydroxy-dihydrodibenz[b,f]azepines. Specifically, the present invention provides a novel process for the preparation of (S)-(+)- or (R)-(-)-10,11-dihydro-10-hydroxy-5H-dibenz[b,f]azepine-5-carboxamide by resolution of racemic (\pm)-10,11-dihydro-10-hydroxy-5H-dibenz[b,f]azepine-5-carboxarnide using N-substituted amino acid or their derivatives. The present invention also provides N-substituted amino acid derivative of general formula (4) and (5) as novel intermediate for the preparation of (S)-(+)- or (R)-(-)-10-hydroxy-dihydrodibenz[b,f]azepines or derivatives thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6486/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RHEOLOGY MODIFIER FOR AQUEOUS SURFACTANT-BASED FORMULATIONS

(51) International classification	:C11D 3/37
(31) Priority Document No	:61/207,448
(32) Priority Date	:12/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/024031
Filing Date	:12/02/2010
(87) International Publication No	:WO 2010/093857
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)HERCULES INCORPORATED

Address of Applicant :1313 NORTH MARKET STREET,
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0001, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)KONSTANTIN VAYNBERG

(57) Abstract :

An aqueous formulation useful in personal care, household and Institutional applications comprising: a, an amount of an associative thickener comprising a polymer composition having a water soluble or water swellable synthetic polymer backbone that has covalently connected ends and/or intermediate blocks of oligomeric hydrophobes that are selected from the group consisting of i) alkyl and aryl moieties containing a polymerizable cyclic monomer, ii) a polymerizable double bond, and iii) derivatives of i) and ii), wherein the blocks are two or more units of the same or different hydrophobes; b. and amount of a surfactant; and c. water; Wherein the amount of the associative thickener contained in the aqueous formulation is from about 0.1 to about 5 wt%, and the amount of surfactant contained in the aqueous formulation is from about 5 to about 50 wt%.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2011

(21) Application No.649/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR MAKING PAVING GRADE BITUMEN USING GLYCEROL AS ADDITIVE

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
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(72)Name of Inventor :

**1)GUPTA UMESH CHANDRA
2)SINGH ANAND
3)KAMAL KUMAR
4)CHATTERJEE ALOK KUMAR
5)SRIVASTAVA MANOJ
6)AGRAWAL UMESH CHANDRA
7)GARG MADHUKAR ONKARNATH**

(57) Abstract :

A paving grade bitumen comprising heating of a mixture of vacuum residue and a flux component in presence of glycerol as additive and a bitumen composition comprising a major amount of vacuum residue/short residue and flux component i. e. aromatic extract and a small but effective dose of glycerol which may be either synthetic or a co-product of bio-diesel production. The present invention also describes a process for the preparation of a paving grade bitumen.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6619/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TOPICAL FOAM COMPOSITION

(51) International classification	:A61K 9/107
(31) Priority Document No	:61/202,403
(32) Priority Date	:25/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000213
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/096868
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)STIEFEL RESEARCH AUSTRALIA PTY LTD.

Address of Applicant :8 MACRO COURT, ROWVILLE, VIC
3178, AUSTRALIA

(72)Name of Inventor :

1)LEON LOUPENOK

(57) Abstract :

The present invention relates to a novel oil in water emulsion aerosol foam composition containing an active agent for the treatment of various chronic and acute skin conditions, particularly acne and psoriasis; and processes for preparing the emulsion aerosol foam compositions. In particular, the present invention relates to oil in water emulsion aerosol foam compositions containing a retinoid in the oil phase.

No. of Pages : 51 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2011

(21) Application No.648/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CATALYST AND PROCESS FOR ISOMERIZATION OF NAPHTHA

(51) International classification	:C07D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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(72)Name of Inventor :

**1)NAGABHATLA VISWANADHAM
2)GARG MADHUKAR ONKARNATH
3)SAXENA SANDEEP KUMAR
4)SHARMA AMIT
5)PANWAR RAJEEV
6)JAGDISH KUMAR**

(57) Abstract :

BEA zeolite catalyst and process is disclosed to upgrade the octane value of a wide range naphtha cut containing paraffins, naphthenes and aromatics of wide range of carbon numbers that includes C5-C6 as well as C7+ hydrocarbons through the production of isoparaffins. The catalyst comprises the nano size crystals of BEA zeolite with metal of Group VI B and Group VIII (IUPAC name) loaded on it in oxide forms, preferably, chromium and platinum, where the former metal act as promoter to modify the acidic properties of the zeolite support and its combination with the second metal facilitates the effective production of low short range (iC5-iC6) as well as long range (iC7+) isoparaffins exhibiting high octane, suitable for gasoline blending purpose.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6480/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INJECTION NEEDLE ASSEMBLY AND DRUG INJECTION DEVICE

(51) International classification	:A61M 5/46
(31) Priority Document No	:2009-020758
(32) Priority Date	:30/01/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051662
Filing Date	:29/01/2010
(87) International Publication No	:WO 2010/087524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)IWASE, YOICHIRO

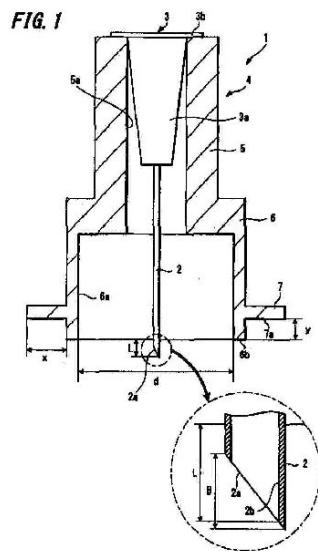
2)KOIWAI, KAZUNORI

3)TANAKA, TETSUO

4)OOMORI, SAYAKA

(57) Abstract :

The present invention is made to securely position a needle tip and a blade face of a needle tube inserted into the skin in a predetermined site of a living body, such as the upper layer of skin. An injection needle assembly includes a needle tube (2) having a needle tip capable of puncturing a living body, a hub (3) holding the needle tube, a stabilizer (4), and a guide portion (7). The stabilizer (4) is formed in a tubular shape surrounding the circumference of the needle tube (2), and an end face (6b) is pressed against the skin, and thereby a raised portion of the skin is formed in a tube hole (6a). The guide portion (7) is arranged on the stabilizer (4), and is adapted to recognize a press-in distance of the stabilizer (4) to the skin.



No. of Pages : 91 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6484/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYMERIC ARTICLES COMPRISING OXYGEN PERMEABILITY ENHANCING PARTICLES

(51) International classification	:C08K 3/22
(31) Priority Document No	:61/164,931
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027840
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/117588
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JOHNSON & JOHNSON VISION CARE, INC.

Address of Applicant :7500 CENTURION PARKWAY,
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(72)**Name of Inventor :**

1)CHARLES W. SCALES

2)GREGORY A. HILL

3)JOHN B. ENNS

4)ERIC R. GEORGE

(57) Abstract :

The present invention relates to a composition comprising a hydrogel polymer having less than 100% haze, and distributed therein an oxygen enhancing effective amount of oxygen permeable particles having an oxygen permeability of at least about 100 barrer, average particle size less than about 5000 nm.

No. of Pages : 51 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6540/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MULTIPLY - CONDUCTIVE MATRIX FOR BATTERY CURRENT COLLECTORS

(51) International classification	:H01M 2/20
(31) Priority Document No	:61/207,048
(32) Priority Date	:05/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000006
Filing Date	:05/01/2010
(87) International Publication No	:WO 2010/088755
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EVT POWER, INC.

Address of Applicant :SUITE 1120, 900 WEST HASTINGS STREET, VANCOUVER, BRITISH COLUMBIA, CANADA V6C 1E5 Canada

(72)Name of Inventor :

1)JUNG, JOEY CHUNG YEN

(57) Abstract :

A multiply-conductive matrix (MCM) for a current collector/electrode and a method of making the MCM are disclosed. The MCM includes a frame, preferably including a lug, the frame preferably made from a reticulated polymer foam substrate, and a body preferably made from the same substrate. The specific surface area of the frame is greater than the specific surface area of the body, resulting in greater rigidity and strength of the frame when the body and frame are joined to form an assembled matrix. Electrically conductive material is applied to the matrix to form the current collector. Optionally, a bonding material is also applied. Electro-active paste is applied to current collector. The resulting MCM-based electrodes are ultra light and may be used as anode or cathodes in a lead-based battery, lithium ion battery, and nickel metal hydride battery for improved performance.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6710/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PREPARING CARBOXYLIC ACID AMIDES USEFUL IN THE TREATMENT OF MUSCULAR DISORDERS

(51) International classification	:C07C 233/68	(71) Name of Applicant :
(31) Priority Document No	:0903956.1	1)UCL BUSINESS PLC
(32) Priority Date	:06/03/2009	Address of Applicant :WOLFSON INSTITUTE FOR BIOMEDICAL RESEARCH, THE CRUCIFORM BUILDING, GOWER STREET, LONDON WC1E 6BT, UNITED KINGDOM
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/000386	(72) Name of Inventor :
Filing Date	:03/03/2010	1)DAVID SELWOOD
(87) International Publication No	:WO 2010/116116	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparing a compound of formula wherein: R2 is cycloalkyl or alkyl, each of which may be optionally substituted; Y is -CONR3R4, -CN or CO2R5; R3, R4 and R5 are each independently H or alkyl; n is 1 to 6; wherein said process comprising the steps of: (i) treating a compound of formula (IV), where R1 is alkyl, with a compound of formula (V) and forming a compound of formula (IIIb); (ii) treating said compound of formula (IIIb) with a compound of formula (II) to form a compound of formula (I).

No. of Pages : 29 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2011

(21) Application No.6185/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REMOVAL OF INHIBITORY COMPOUNDS DURING PRE-TREATMENT OF LIGNOCELLULOSIC BIOMASS

(51) International classification	:D21C 1/04	(71) Name of Applicant :
(31) Priority Document No	:61/145,328	1)GREENFIELD ETHANOL INC.
(32) Priority Date	:16/01/2009	Address of Applicant :20 TORONTO STREET, SUITE 1400, TORONTO, ONTARIO M5C 2B8 CANADA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/000051	1)BRADT CHRISTOPHER BRUCE
Filing Date	:15/01/2010	2)LEHOUX RICHARD ROMEO
(87) International Publication No	:WO 2010/081227	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the pretreatment of lignocellulosic biomass, in particular during the production of ethanol from biomass. The process including a cooking step where the biomass is exposed to steam at elevated temperatures and pressures for a preselected period of time in a treatment vessel. During the process, volatile and liquid compounds are purged from the treatment vessel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6505/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VERIFIABLE DEVICE ASSISTED SERVICE USAGE MONITORING WITH REPORTING,
SYNCHRONIZATION,AND NOTIFICATION

(51) International classification	:G06F 15/16
(31) Priority Document No	:61/206,354
(32) Priority Date	:28/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/021229 :15/01/2010
(87) International Publication No	:WO 2010/088074
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)HEADWATER PARTNERS I LLC

Address of Applicant :350 MARINE PARKWAY, SUITE
300, REDWOOD CITY, CA 94065, U.S.A.

(72)**Name of Inventor :**

1)GREGORY G. RALEIGH

(57) Abstract :

Various embodiments are disclosed for a services policy communication system and method. In some embodiments, a network device collects a plurality of service usage measurements for a communications device use of a service on a network; and compares the plurality of service usage measurements to a device assisted implementation of a service policy to verify the device assisted implementation of the service policy.

No. of Pages : 349 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6556/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ACCOMMODATING PISTON SEAT FOR DIFFERENTIAL-STROKE CYCLE ENGINES

(51) International classification	:F02B C75/32	(71) Name of Applicant : 1)YAN ENGINES,LLC Address of Applicant :6168 PIRTHSHIRE STREET, DUBLIN, OH 43016, U.S.A.
(31) Priority Document No	:61/207,280	
(32) Priority Date	:11/02/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/023248	(72) Name of Inventor : 1)MIIN JENG YAN
Filing Date	:04/02/2010	
(87) International Publication No	:WO 2010/093560	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A piston seat method and apparatus for a differential-stroke cycle combustion engine, the combustion engine including one or more two-part pistons, each two-part piston having a first piston part and a second piston part. The apparatus comprising: a piston seat cover operatively associated with the first piston part, the piston seat cover being adapted for abutting engagement with the second piston part; wherein, upon abutting engagement, the seat cover is adapted to move relative to the first piston part, thereby at least partially absorbing impact forces applied between the first piston part and the second piston part.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6627/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS FOR MANUFACTURE OF SOLAR CELLS

(51) International classification	:C23C 16/00
(31) Priority Document No	:61/155,948
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025518
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/099392
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SANDVIK THERMAL PROCESS, INC.

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(72)**Name of Inventor :**

1)REYNOLDS, REESE

2)LUCAS, H., WILLIAM, JR.

3)JOHNSON, TYKE

(57) Abstract :

The present invention relates to equipment used to manufacture PV cells or modules. In some embodiments, a gas delivery and gas exhaust system are provided for processing a plurality of substrates. The gas delivery and gas exhaust system are designed such that the substrates are exposed in a uniform manner to the gas.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.67/DELNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MICROPOROUS MATERIALS AND MULTI-LAYER ARTICLES PREPARED THEREFROM

(51) International classification	:C08L 23/10
(31) Priority Document No	:12/497,681
(32) Priority Date	:05/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038069
Filing Date	:10/06/2010
(87) International Publication No	:WO 2011/005408
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PPG INDUSTRIES OHIO, INC.

Address of Applicant :3800 WEST 143RD STREET,
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(72)Name of Inventor :

1)BOYER, JAMES L.

2)COLEMAN, CHARLES R.

3)RAMAN, NARAYAN K.

4)BENENATI, PAUL L.

(57) Abstract :

A microporous material is provided in the form of a singly extruded microporous sheet having opposing first and second surfaces, comprising: (a) a polymeric matrix component comprising: (i) 25 to 75 weight percent of low melt flow index polypropylene having a melt flow index ranging from 0.1 to 30 grams/10 minutes; (ii) 12.5 to 25 weight percent of ultrahigh molecular weight polyethylene; and (iii) 0 to 62.5 weight percent of high density polyethylene; (b) a finely divided, inorganic filler component dispersed throughout the polymeric matrix; and (c) a network of interconnecting pores communicating substantially throughout the microporous material, the pores constituting 10 to 80 percent by volume of the microporous material. The sheet typically has a thickness ranging from 3 to 8 mils and a stiffness of greater than 1 g/micron. In certain embodiments, the sheet has a density of greater than 0.75 g/cc. Also provided are multi-layer articles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6730/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ENDOGLUCANASE FOR REDUCING THE VISCOSITY OF A PLANT MATERIAL SLURRY

(51) International classification	:C12P 19/02
(31) Priority Document No	:61/167,617
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030430
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118257
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DANISCO US INC.

Address of Applicant :925 PAGE MILL ROAD, PALO ALTO, CA 94304, U.S.A.

(72)Name of Inventor :

1)BERGSMA MARTIEN HENDRIK

2)KONIECZNY-JANDA GERHARD

3)SHETTY JAYARAMA

4)TEUNISSEN PAULINE J.

5)VAN TUIJL JAN HENDRIK

(57) Abstract :

The present disclosure relates to composition comprising EG cellulase and methods of use, thereof. The compositions are useful, e.g., for reducing the viscosity of plant material slurry.

No. of Pages : 61 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2011

(21) Application No.6326/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUSED PYRIMIDINES

(51) International classification	:C07D 487/04
(31) Priority Document No	:09075072.0
(32) Priority Date	:13/02/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/000620 :02/02/2010
(87) International Publication No	:WO 2010/091808
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER PHARMA AKTIENGESELLSCHAFT

Address of Applicant :MULLERSTR. 178, 13353 BERLIN,
GERMANY

(72)Name of Inventor :

1)MATTHIAS VENNEMANN

2)THOMAS BAR

3)THOMAS MAIER

4)SWEN HOLDER

5)GERRIT BENEKE

6)FLORIAN DEHMEL

7)ARMIN ZULCH

8)ANDREAS STRUB

9)THOMAS BECKERS

10)STUART INCE

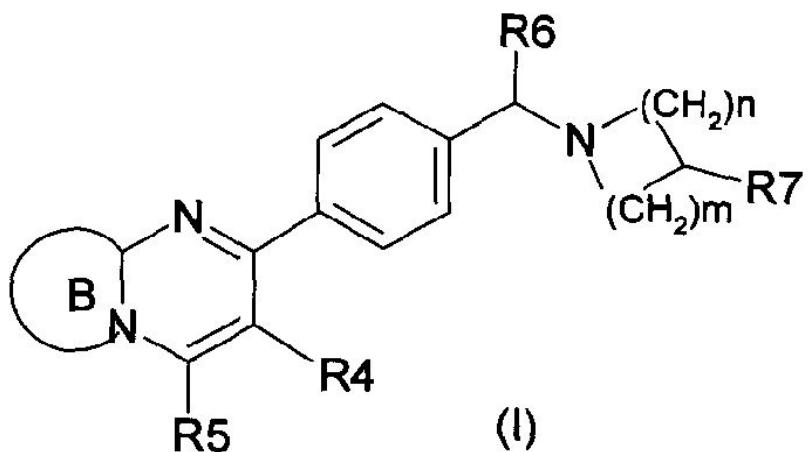
11)HARTMUT REHWINKEL

12)NINGSHU LIU

13)ULF BOMER

(57) Abstract :

Compounds of formula (I) or an N-oxide, a salt, a tautomer or a stereoisomer of said compound, or a salt of said N-oxide, tautomer or stereoisomer, wherein ring B and the pyrimidine to which it is fused, R4, R5, R6, R7, m and n have the meanings as given in the description and the claims, which are effective inhibitors of the Pi3K/Akt pathway, processes for their production and their use as pharmaceuticals.



No. of Pages : 249 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6496/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR PREVENTING CARDIAC ARRHYTHMIA

(51) International classification	:A61K 48/00
(31) Priority Document No	:61/153,402
(32) Priority Date	:18/02/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/US2010/024441
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/096458
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CORMATRIX CARDIOVASCULAR, INC.

Address of Applicant :286, SOUTH MAIN STREET, SUITE 200, ALPHARETTA GA 30009, U.S.A.

(72)Name of Inventor :

1)MATHENY ROBERT G.

2)LEWIS BEECHER C.

(57) Abstract :

Disclosed herein are compositions and methods for treating or preventing cardiac arrhythmia in a subject. The invention utilizes an extracellular matrix derived from mammalian sources. The extracellular matrix composition can be further comprised of a collagen scaffold. The composition can also include an anti-arrhythmic agent, a lipid-lowering drug, cells, a protein, or a combination thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6499/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GALENICAL FORMULATIONS OF A FIXED DOSE COMBINATION OF VALSARTAN AND ALISKIREN

(51) International classification	:A61K 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/161,891	1)NOVARTIS AG
(32) Priority Date	:20/03/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/027757	1)GHOSH INDRAJIT
Filing Date	:18/03/2010	2)LI SHOUFENG
(87) International Publication No	:WO 2010/107971	3)TONG WEI-QIN
(61) Patent of Addition to Application Number	:NA	4)VIPPAGUNTA SUDHA
Filing Date	:NA	5)WEN HONG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a pharmaceutical oral fixed dose combination comprising: a) a therapeutically effective amount of Aliskiren, or a pharmaceutically acceptable salt thereof, b) a therapeutically effective amount of Valsartan, or a pharmaceutically acceptable salt thereof, c) a disintegrant, and d) a further disintegrant being a polysaccharide.

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/09/2011

(21) Application No.6667/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR TURNING OVER A FLATTENING ELEMENT, AND FLATTENING ELEMENT ENGAGING WITH SAID DEVICE

(51) International classification	:B21D 1/02	(71) Name of Applicant :
(31) Priority Document No	:09290208.9	1)SIEMENS VAI METALS TECHNOLOGIES SAS
(32) Priority Date	:20/03/2009	Address of Applicant :51, RUE SIBERT, F-42403 SAINT-CHAMOND, FRANCE
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/054764	1)BERNARD DUMAS
Filing Date	:22/04/2009	2)JEAN-PIERRE CHAZAL
(87) International Publication No	:WO 2010/105697	3)VINCENT PHILLIPPAUX
(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 device for turning over a flattening element (20), the flattening element comprising a plurality of cylinders (43) spaced apart from each other and rotatably mounted on a frame (44) and means (22) for securing the same to the turning-over device (10), the turning-over device being characterized in that it comprises: two uprights (12) extending vertically from a base (14), supporting and securing means (16) for the flattening element engaging with the securing means (22) of the flattening element (20), the supporting and securing means (16) being arranged between the uprights (12), means (19) for rotating the supporting and securing means (16) about a horizontal axis between a first position in which, when the flattening element (20) is connected to the turning-over device (10), the cylinders (43) of the flattening element (20) are oriented downward, and a second position in which, when the flattening element (20) is connected to the turning-over device (10), the cylinders (43) of the flattening element (20) are oriented upward, and driving means (18) for vertically translating the supporting and securing means (16), each translation means (18) being connected to one of the uprights (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6740/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ANALYTE SENSOR AND APPARATUS FOR INSERTION OF THE SENSOR

(51) International classification	:A61B 5/00
(31) Priority Document No	:61/149,639
(32) Priority Date	:03/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022860
Filing Date	:02/02/2010
(87) International Publication No	:WO 2010/091005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABBOTT DIABETES CARE INC.

Address of Applicant :1360 SOUTH LOOP ROAD,
ALAMEDA, CA 94502 U.S.A.

(72)Name of Inventor :

1)THOMAS, CHRISTOPHER, ALLEN

2)HOSS, UDO

3)HE, LEI

4)LOVE, MICHAEL

5)YEE, PHILLIP

(57) Abstract :

An apparatus for insertion of a medical device in the skin of a subject is provided.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6741/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LIQUID COMPONENT COLLECTING DEVICE

(51) International classification	:A61M 1/02
(31) Priority Document No	:2009-024300
(32) Priority Date	:04/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000357
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/089965
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JMS CO., LTD.

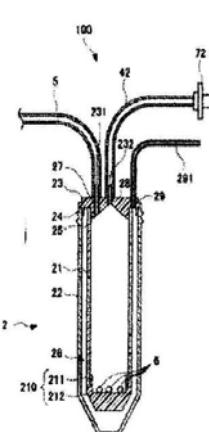
Address of Applicant :12 - 17, KAKO - MACHI, NAKA - KU, HIROSHIMA - SHI, HIROSHIMA 7308652, JAPAN

(72)Name of Inventor :

1)OMORI, MASAYOSHI
2)TANAKA, SEISHIN
3)OKAMOTO, YASUNORI

(57) Abstract :

A liquid component collecting device capable of more easily collecting a liquid component. A liquid component collecting device (100) is provided with: a flexible cylindrical liquid component storage container (21) having an opening at one end thereof; a cylindrical first housing container (22) for housing the liquid component storage container (21) and having an opening at one end thereof; and a first cap (23) connected to the opening in the liquid component storage container (21) and fitted to the opening in the first housing container (22). A pressure regulating space (26) independent of the internal space of the liquid component storage container (21) is formed between the outer side of the liquid component storage container (21) and the inner side of the first housing container (22). The first cap (23) is provided with a liquid component inlet channel (27) for introducing blood into the liquid component storage container (21), a first communication channel (28) communicating with the internal space of the liquid component storage container (21), and a second communication channel (29) communicating with the pressure regulating space (26).



No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6720/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR IDENTIFYING A SUBPOPULATION OF MAMMALIAN CELLS WITH DISTINCTIVE RIBOSOME TRANSLATION PROFILES

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/153,642
(32) Priority Date	:18/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024634
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/096594
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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MICHIGAN 48202, U.S.A.

(72)**Name of Inventor :**

1)LEON CARLOCK

2)MARIA CYPHER

(57) Abstract :

The present invention generally relates to subpopulations of mammalian cells with distinctive ribosome translational profiles, i.e. translational activities. The present invention further relates to methods for identifying and isolating such cells, kits comprising the same, or methods which utilize different translational activities of these subpopulations of mammalian cells.

No. of Pages : 243 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6722/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMBINATIONS OF A PYRIMIDINE CONTAINING NNRTI WITH RT INHIBITORS

(51) International classification	:A61K 31/505
(31) Priority Document No	:03103275.8
(32) Priority Date	:03/09/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/052028
Filing Date	:03/09/2004
(87) International Publication No	:WO 2005/021001
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:687/DELNP/2006
Filed on	:10/02/2006

(71)Name of Applicant :

1)TIBOTEC PHARMACEUTICALS LTD.

Address of Applicant :OF EASTGATE VILLAGE,
EASTGATE, LITTLE ISLAND, CO CORK, Ireland

(72)Name of Inventor :

1)STOFFELS, PAUL

(57) Abstract :

A combination comprising (i)4-[[4-[[4-(2-cyanoethenyl)-2,6-to benzonitrile, also named TMC278; or a stereoisomeric form thereof; or a pharmaceutically acceptable salt thereof; or a prodrug thereof; and (ii) a nucleoside reverse transcriptase inhibitor and/or a nucleotide reverse transcriptase inhibitor; wherein TMC278 and the nucleotide reverse transcriptase inhibitor and the nucleoside reverse transcriptase inhibitor are therapeutically effective HIV inhibitors at a dose that can be administered once daily.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6725/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PKN3/RHOC MACROMOLECULAR COMPLEX AND METHODS OF USE THEREFOR

(51) International classification	:G01N 33/50
(31) Priority Document No	:61/159,739
(32) Priority Date	:12/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027095
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/105128
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WYETH LLC

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(72)Name of Inventor :

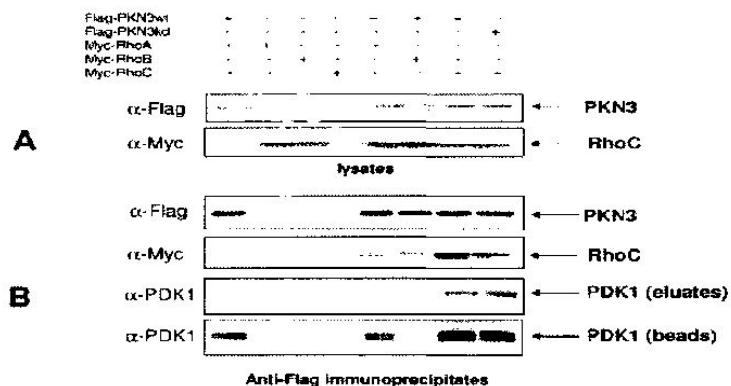
1)ANKE KLIPPEL - GIESE

2)KEZIBAN UNSAL - KACMAZ

(57) Abstract :

Disclosed are compositions comprising and methods of using a novel macromolecular assembly comprising PKN3, PDK1 and RhoC (PPRC complex). The PPRC complex was shown to have kinase activity and was found in cells of high malignancy potential, such as particularly aggressive cancers. In some aspects, the invention provides methods for screening compounds that have cancer therapeutic potential, methods for diagnosing aggressive cancer, methods for determining the prognosis of a patient suffering from cancer, methods for stratifying patients in a clinical trial or determining the effectiveness of a particular treatment regimen, polypeptides that modulate the formation of the PPRC complex, and kits comprising one or more components of the PPRC complex.

Figure 4



No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6762/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A TERMINAL FOR A COMMUNICATIONS SYSTEM

(51) International classification	:H04L 12/18
(31) Priority Document No	:0424806.8
(32) Priority Date	:10/11/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003884
Filing Date	:10/10/2005
(87) International Publication No	:WO 2006/051253
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2626/DELNP/2007
Filed on	:09/04/2007

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS GMBH & CO. KG

Address of Applicant :ST. MARTIN STR. 76, 81541
MUNCHEN, GERMANY

(72)Name of Inventor :

1)BREUER, VOLKER

2)KROTH, NORBERT

3)PROCTOR, TOBY, KIER

4)RANDALL, DAVID

(57) Abstract :

A terminal for a communication system, the terminal comprising receiving means for receiving data on at least one control channel from a first base station (2); wherein the at least one control channel is associated with a multimedia broadcast multicast service (MBMS) channel; measuring means for periodically performing measurements (M1, M2, M3) on signals transmitted by at least one second base station; processing means for determining whether a period in which data signals (D1, D2, D3) are on the at least one control channel at least partially overlaps with a period for performing measurements, and, disabling means for disabling performance of measurements in favour of the receipt of data on the at least one control channel.

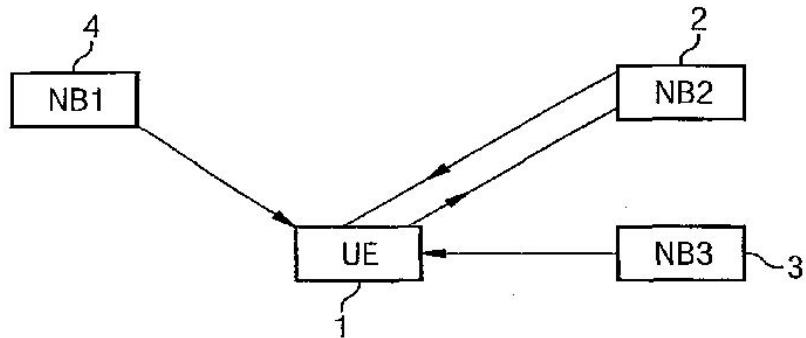


Fig: 1

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6765/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLUID INJECTION

(51) International classification	:E21B 43/16	(71) Name of Applicant :
(31) Priority Document No	:09250710.2	1)BP ALTERNATIVE ENERGY INTERNATIONAL LIMITED
(32) Priority Date	:13/03/2009	Address of Applicant :CHERTSEY ROAD, SUNBURY ON THAMES, MIDDLESEX, TW16 7BP, UNITED KINGDOM
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/GB2010/000433	1)STEPHEN JOHN CAWLEY
Filing Date	:10/03/2010	2)HRVOJE GALIC
(87) International Publication No	:WO 2010/103275	3)JOHN NIGEL ELLIS MASON
(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 described of injecting CO₂ into an aquifer or a depleted hydrocarbon reservoir (211) via at least one injection well (202) that penetrates said aquifer or reservoir, wherein the injection well is provided with an injection tubing (203) that is in sealing engagement with the injection well. The injection tubing terminates at or immediately above the interval of the aquifer or the reservoir into which the CO₂ is to be injected and the injection tubing is provided with a fluid injection control valve (208) at or near the bottom thereof which is closed or closes when the pressure above the valve is less than a pre-set pressure value and opens or reopens when the pressure above the valve is at or greater than said pre-set pressure value, the pre-set pressure value being selected such that the CO₂ in the injection tubing is maintained in a liquid or supercritical state.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6747/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CLIMB ASSIST SYSTEM

(51) International classification	:F06C 7/18
(31) Priority Document No	:61/196,716
(32) Priority Date	:02/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024905
Filing Date	:22/02/2010
(87) International Publication No	:WO 2010/101725
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)D B INDUSTRIES INC.

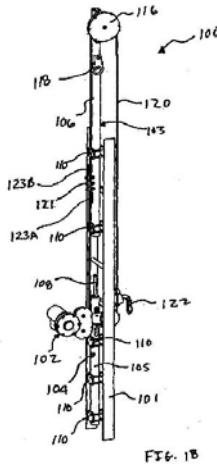
Address of Applicant :3833 SALA WAY, RED WING, MN 55066, U.S.A.

(72)Name of Inventor :

1)MEILLET, VINCENT, G.

(57) Abstract :

A motorized climb assist assembly is provided. The motorized climb assist assembly includes a looped belt, an attaching member, a motor assembly and a fall arrest system. The attaching member is coupled to the looped belt. A safety harness is in turn coupled to attaching member. The motor assembly includes a motor and a drive sheave. The motor has a drive shaft. The drive sheave is coupled to the drive shaft. In addition, the drive sheave is in contact with the looped belt. The fall arrest system is integrated with the drive sheave and is configured to limit the looped belt movement as the result of a fall event.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6774/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INTERFERENCE REMOVAL

(51) International classification	:H04B 7/185	(71) Name of Applicant :
(31) Priority Document No	:09275016.5	1)ASTRIUM LIMITED
(32) Priority Date	:12/03/2009	Address of Applicant :GUNNELS WOOD ROAD,
(33) Name of priority country	:EUROPEAN UNION	STEVENAGE, HERTFORDSHIRE SG1 2AS, UNITED KINGDOM
(86) International Application No	:PCT/EP2010/053143	(72) Name of Inventor :
Filing Date	:11/03/2010	1)CHIOK KENG LEONG
(87) International Publication No	:WO 2010/103092	2)STEPHEN PHILLIP BROWN
(61) Patent of Addition to Application Number	:NA	3)ROBERT JULIAN FRANCIS HUGHES
Filing Date	:NA	4)ANTHONY DUNCAN CRAIG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN apparatus for a satellite communication system is provided, the apparatus comprises: means for monitoring a plurality of frequency channels demultiplexed from a signal comprising one or more carriers; means for identifying at least one frequency channel of the plurality of frequency channels comprising interference; and means for removing the identified at least one frequency channel before the one or more carriers are reformed. By removing the frequency channels comprising interference, the signal-to-noise ratio of a carrier can be improved. Also, if the interference occurs within a carrier, the carrier is usable as long as the removed frequency channels are considerably narrower than the carrier.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6775/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HOUSING FOR AN OPTICAL FIBER CABLE ASSEMBLY

(51) International classification	:G02B 6/44
(31) Priority Document No	:09001855.7
(32) Priority Date	:10/02/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/051436
Filing Date	:05/02/2010
(87) International Publication No	:WO 2010/092009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BRYON, ROEL MODEST, WILLY

2)VASTMANS, KRISTOF

3)VERHEYDEN, DANNY WILLY AUGUST

(57) Abstract :

The present invention relates to a housing, in particular for an optical fiber assembly with improved sealing characteristics comprising an housing upper body (38) and an housing lower body (2), upper and lower sealing pads (32; 42) made of a gel sealing material, each of said pads (32; 34) being received in a trough (12, 46) provided by the housing upper and lower body (2; 38), respectively, wherein between said upper and lower pads (38; 48) are adapted to seal an element (78), which can be introduced into said housing, wherein at least one of said pads (42) is held by a retaining device (44) which is elastically supported against one of said housing bodies (38) by means of a spring element (47) and wherein the other of said housing bodies and/or said retaining device (44) provides a contoured abutment surface (26; 70) for the assigned pad (32; 42).

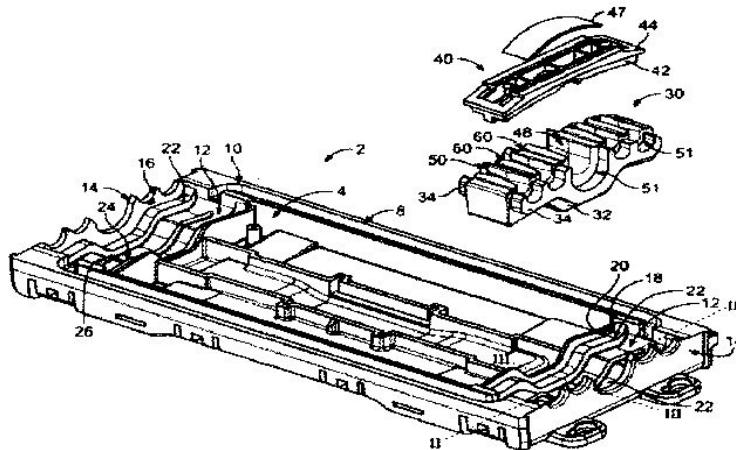


Fig. 1

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.678/DEL/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CARBAZOLE LINKED PYRROLO [2,1-C] [1,4] BENZODIAZEPINE HYBRIDS AS POTENTIAL ANTICANCER AGENTS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C09B5/26;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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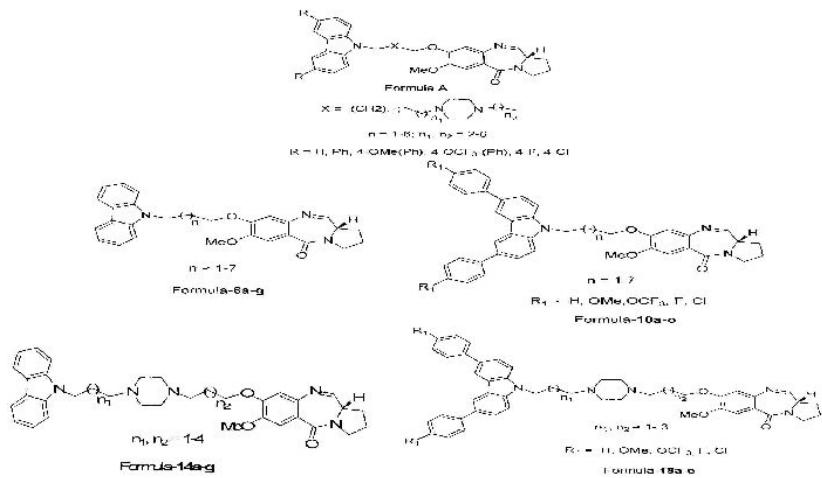
Address of Applicant :ANUSANDHAN BHAWAN , RAFI MARG, NEW DELHI-11001, INDIA

(72)Name of Inventor :

1)AHMED KAMAL
2)RAJESH V.C.R.N.C. SHETTI
3)K.SRINIVASA REDDY

(57) Abstract :

The present invention provides a compound of general formulae A useful as potential antitumour agents against human cancer cell lines. The present invention further provides a process for the preparation of pyrrolo[2,1-c][1,4]benzodiazepine hybrids of general formulae 6a-g, 10a-o, 14a-g and 18a-o.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6780/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LOW AMBIENT OPERATING PROCEDURE FOR COOLING SYSTEMS WITH HIGH EFFICIENCY CONDENSERS

(51) International classification	:F25B 39/04	(71) Name of Applicant :
(31) Priority Document No	:61/219,145	1)CARRIER CORPORATION
(32) Priority Date	:22/06/2009	Address of Applicant :1 CARRIER PLACE, FARMINGTON, CT 06489 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/039305	1)FRASER ERIC B.
Filing Date	:21/06/2010	
(87) International Publication No	:WO 2011/005470	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multiple refrigerant circuit cooling system includes at least a first refrigerant circuit (111, 113, 114, 115) and a second refrigerant circuit (111a, 113a, 114a, 115a). Each of said first and second refrigerant circuits (111, 113, 114, 115, 111a, 113a, 114a, 115a) including a compressor (113, 113a), a condenser (114, 114a), an expansion device (115, 115a) and an evaporator (111, 111a) connected in refrigerant flow communication. The condensers (114, 114a) of the first and second refrigerant circuits (111, 113, 114, 115, 111a, 113a, 114a, 115a) each including condenser coils having exterior surfaces (117, 118, 117a, 118a) and each condenser (114, 114a) including at least one fan (123, 124, 123a, 124a) for drawing ambient air across the exterior surfaces (117, 118, 117a, 118a) of its respective condenser coil. The exterior surfaces (117, 118) of the condenser coil of the condenser (114) of the first refrigerant circuit (111, 113, 114, 115) being in fluid communication with the fan (123a, 124a) of the condenser (114a) of the second refrigerant circuit (111a, 113a, 114a, 115a) to provide reduced airflow across the exterior surfaces (117, 118) of the condenser coils of the first refrigerant circuit (111, 113, 114, 115) at a low ambient temperature (27).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6732/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PREPARING ANTIVIRAL COMPOUND

(51) International classification	:C07D 239/54
(31) Priority Document No	:61/162,705
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028433
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/111348
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NAPIER JAMES J.

2)CALIFANO JEAN-CHRISTOPHE

3)YU SU

4)BECKER CALVIN L.

(57) Abstract :

This invention is directed to: (a) processes for preparing a compound and salts thereof that, inter alia, are useful for inhibiting hepatitis C virus (HCV); (b) intermediates useful for the preparation of the compound and salts; (c) pharmaceutical compositions comprising the compound or salts; and (d) methods of use of such compositions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6736/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BIODELIVERY SYSTEM

(51) International classification	:A01N 47/44
(31) Priority Document No	:12/408,061
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023973
Filing Date	:12/02/2010
(87) International Publication No	:WO 2010/107533
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)WHITEKETTLE WILSON KURT

2)TAFEL GLORIA JEAN

3)MURPHY KIMBERLY

4)ZHAO QING

(57) Abstract :

A biodelivery system has been found which increases the efficiency and effectiveness of introducing antimicrobial compounds into complex biofilm matrices through the use of liposome carriers, thereby removing the biofouling in industrial water bearing systems, including piping, heat exchanges, condensers, filtration systems and fluid storage tanks. According to one embodiment of the invention, antimicrobial compound containing liposomes are added to water systems prone to biofouling and biofilm formation. The liposomes, being similar in composition to microbial membranes or cells, are readily incorporated into the existing biofilm. Once the antimicrobial compound containing liposomes become entrained with the biofilm matrix, the decomposition or disintegration of the liposome proceeds. Thereafter the biocidal core is released to react directly with the biofilm encased microorganisms. Upon the death of the organisms, the matrix decomposes and thereby results in reduced fouling of the water bearing system, resulting in increased heat transfer, increased flux, less deposit of colloidal and particulate solids and dissolved organics on the surface of the microfiltration membrane, thereby reducing the frequency and duration of the membrane cleaning and ultimate replacement.

No. of Pages : 36 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6798/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COAXIAL COMPACT STATIC MIXER AND USE THEREOF

(51) International classification	:B01F 5/06
(31) Priority Document No	:10 2009 011 996.5
(32) Priority Date	:06/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001104
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/099884
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EHRFELD MIKROTECHNIK BTS GMBH

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(72)Name of Inventor :

1)FRANK HERBSTRITT

(57) Abstract :

The invention relates to a highly efficient and scalable compact static mixer comprising a rotationally symmetrical cascaded mixing structure and to the use thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6799/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ENCODER READHEAD

(51) International classification	:G01D 5/249
(31) Priority Document No	:0903535.3
(32) Priority Date	:02/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000366
Filing Date	:01/03/2010
(87) International Publication No	:WO 2010/100409
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RLS MERILNA TEHNIKA D.O.O.

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2)RENISHA W PLC.

(72)Name of Inventor :

1)GREGOR DOLSAK

2)ALJAZ OGRIN

3)MATJAZ JANEZIC

(57) Abstract :

A readhead (6;76) is described for reading an absolute scale (4;40;50;80), optionally a passive magnetic scale, that encodes a series of data bits. The readhead includes a plurality of sensors, such as an array of Hall sensors (30;82), for producing a plurality of sensor signals (11). A plurality of signal combiners (84) are also provided to receive at least two of the sensor signals and produce therefrom a combined sensor signal (S). A plurality of data bit extractors (86) are arranged to receive at least two combined sensor signals (S) and to determine the value of a data bit encoded in an associated absolute scale (4;40;50;80). The readhead (6;76) also comprises an incremental signal generator (88,90) for generating at least one incremental signal (Sin/Cos) from the combined sensor signals (S) produced by a plurality of signal combiners (84). In this manner, both absolute and incremental position is measured.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9924/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HEMI-WEDGE VERIFIABLE SHUTOFF VALVE

(51) International classification	:F16K 1/16
(31) Priority Document No	:12/478,496
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037234
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141701
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HEMIWEDGE VALVE CORPORATION

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(72)Name of Inventor :

1)CHARLES C. PARTRIDGE

(57) Abstract :

An improved hemi-wedge type valve is disclosed that has upstream and downstream sealing surfaces that cooperate with opposed surfaces on the hemi-wedge valve member. This results in improved sealing and less leakage, at both high and low pressures.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6808/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INSECTICIDAL COMPOUNDS

(51) International classification	:C07D 413/12
(31) Priority Document No	:0905239.0
(32) Priority Date	:26/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/052056
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/108733
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)RENOULD PETER

2)PITTERNA THOMAS

3)CASSAYRE JEROME YVES

4)EL QACEMI MYRIEM

(57) Abstract :

A compound of formula (I): wherein A1, A2, A3, A4, G1, R1, R2, R3, R4, R5A, R5B and R6 are as defined in claim 1; or a salt or N-oxide thereof Furthermore, the present invention relates to processes and intermediates for preparing compounds of formula (I), to insecticidal, acaricidal, nematicidal and molluscicidal compositions comprising the compounds of formula (I) and to methods of using the compounds of formula (I) to control insect, acarine, nematode and mollusc pests.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6809/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS AND APPARATUS FOR GIFTING OVER A DATA NETWORK

(51) International classification	:G06Q 30/00
(31) Priority Document No	:10/832,717
(32) Priority Date	:26/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009000
Filing Date	:18/03/2005
(87) International Publication No	:WO 2005/109182
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6165/DELNP/2006
Filed on	:20/10/2006

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(72)**Name of Inventor :**

1)HOREL GERALD CHARLES

2)MINEAR BRIAN

3)NGUYEN PHIL TIEN

(57) Abstract :

A method is provided for operating a server (108) to allow a first terminal (102) to provide a content gift to a second terminal (110), where the first and second terminals selectively communicate with the server. The method includes receiving a catalog request from the first terminal for a catalog that identifies content compatible with the second terminal. The method also includes generating the catalog and transmitting the catalog to the first terminal. The method also includes receiving a gift request from the first terminal requesting that a content gift selected from the identified content be provided to the second terminal, and providing the content gift to the second terminal.

No. of Pages : 38 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6813/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR MAKING AN EMBOSSED WEB

(51) International classification	:A61F 13/15
(31) Priority Document No	:61/159,906
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026904
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/105009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

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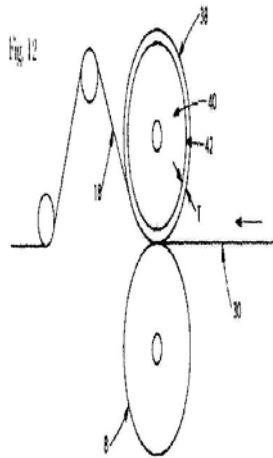
(72)Name of Inventor :

1)STONE, KEITH JOSEPH

2)YOUNG, ROGER D.

(57) Abstract :

A process for making an embossed web. A precursor web is provided between a forming structure and a compliant substrate. The forming structure has a plurality of discrete protruded elements and lands completely surrounding them. Pressure is provided between the compliant substrate and the forming structure to conform the precursor web to the forming structure to form the embossed web. The resulting embossed web has a plurality of discrete extended elements completely surrounded by land areas.



No. of Pages : 54 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9933/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REMOTE ACCESS CONTROL OF STORAGE DEVICES

(51) International classification	:G06F 21/20
(31) Priority Document No	:12/486,738
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038776
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/148059
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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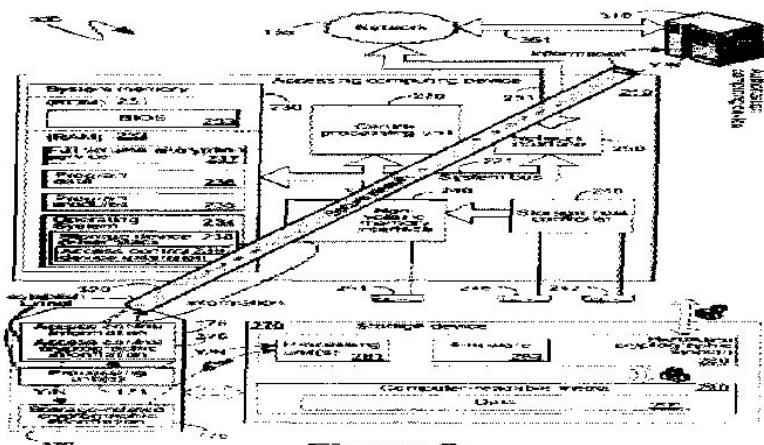
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**1)SADOVSKY, VLADIMIR
2)OLARIG, SOMPONG PAUL
3)LIONETTI, CHRIS
4)HAMILTON, JAMES ROBERT**

(57) Abstract :

An access control device can be communicatively coupled to a storage device and can control access thereto. The access control device can comprise information, such as identities of authorized entities, to enable the access control device to independently determine whether to provide access to an associated storage device. Alternatively, the access control device can comprise information to establish a secure connection to an authorization computing device and the access control device can implement the decisions of the authorization computing device. The access control device can control access by instructing a storage device to execute specific firmware instructions to prevent meaningful responses to data storage related requests. The access control device can also comprise storage-related cryptographic information utilized by the storage device to encrypt and decrypt data. In such a case, the access control device can control access by not releasing the storage-related cryptographic information to the storage device.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9937/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM FOR DETERMINING A VEHICLE MASS- BASED BREAKPOINT FOR SELECTING BETWEEN TWO DIFFERENT TRANSMISSION SHIFT SCHEDULES

(51) International classification	:G06F 7/00
(31) Priority Document No	:12/455,369
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/031049 :14/04/2010
(87) International Publication No	:WO 2010/141153
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)KRESSE, JOHN

2)MERRION, ROBERT

(57) Abstract :

A method is provided for selecting between economy mode and performance mode shift schedules for a transmission in a motor vehicle. A desired vehicle acceleration profile is specified, and a cumulative net tractive force of the vehicle is determined over the desired vehicle acceleration profile. A change in vehicle speed over the desired vehicle acceleration profile is also determined. A vehicle mass-based shift schedule breakpoint is computed as a function of the cumulative net tractive force of the vehicle and the change in vehicle speed over the desired vehicle acceleration profile. The vehicle mass-based shift schedule breakpoint is compared to a current vehicle mass indicator, and one of the economy mode and performance mode shift schedules is selected for operation of the transmission based on the comparison. Shifting between gear ranges of the transmission is controlled using the selected one of the economy mode and performance mode shift schedules.

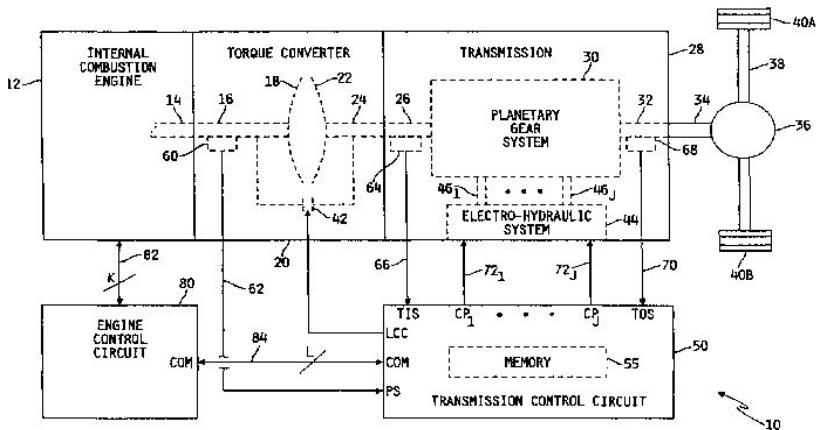


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6719/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : EXTERNAL PREPARATION CONTAINING ANALGESIC/ANTI-INFLAMMATORY AGENT

(51) International classification	:A61K 45/00
(31) Priority Document No	:2009-057973
(32) Priority Date	:11/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001761
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/103844
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOWA CO., LTD.

Address of Applicant :6-29, NISHIKI 3-CHOME, NAKA-KU,
NAGOYA-SHI, AICHI 460-8625, JAPAN

(72)Name of Inventor :

1)SEIJI MIURA

2)TSUTOMU AWAMURA

3)YUHIRO YAMAZAKI

4)HIRONARI FUJII

(57) Abstract :

An external preparation containing the following components (A) and (B): (A) a non-steroidal analgesic/anti-inflammatory agent, and (B) an organic amine. The external preparation of the present invention has improved skin permeation and excellent stability of a non-steroidal analgesic/anti-inflammatory agent in the external preparation. The external preparation of the present invention also has excellent appearance.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6787/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BI-FUNCTIONAL CO - POLYMER USE FOR OPHTHALMIC AND OTHER TOPICAL AND LOCAL APPLICATIONS

(51) International classification	:A61K 47/00
(31) Priority Document No	:61/153,416
(32) Priority Date	:18/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024585
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/096558
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)EYEON PARTICLE SCIENCES LLC
Address of Applicant :56 IRVINGTON ROAD,
ROCHESTER, NEW YORK 14620 U.S.A.

(72)**Name of Inventor :**

1)COOPER, EUGENE, REX
2)KLEINMAN, DAVID, MAXWELL
3)LOXLEY, ANDREW
4)MITCHNICK, MARK

(57) Abstract :

The invention contemplates a copolymer which is a graft or block copolymer useful to change wettability and surface characteristics of biological surfaces. Methods for use of these formulations and coatings to change wettability and sterically stabilize, and lubricate biological surfaces in a subject, for example, in the treatment of dry eye syndrome, and to prevent adherence of unwanted proteins, for example in the treatment of contact lens intolerance, are provided.

No. of Pages : 62 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6814/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : USE OF A SEED SPECIFIC PROMOTER TO DRIVE ODP1 EXPRESSION IN CRUCIFEROUS OILSEED PLANTS TO INCREASE OIL CONTENT WHILE MAINTAINING NORMAL GERMINATION

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/165,548
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/029609 :01/04/2010
(87) International Publication No	:WO 2010/114989
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 MARKET STREET,
WILMINGTON, DELAWARE 19898, U.S.A.

(72)**Name of Inventor :**

1)MEYER, KNUST

2)DEMUDE, HOWARD, G.

3)EVERARD, JOHN D.

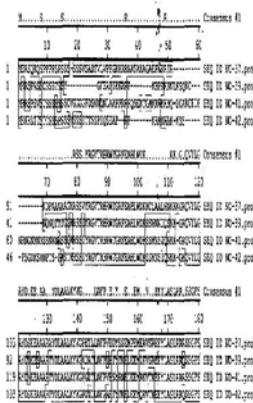
4)RIPP, KEVIN, G.

5)STECCA, KEVIN, L.

(57) Abstract :

A recombinant DNA construct comprising a polynucleotide encoding an ODPII polypeptide operably linked to a sucrose synthase 2 promoter where this construct can be used to increase oil content in the seeds of a cruciferous oilseed plant while maintaining normal germination is disclosed. A method for increasing oil content in the seeds of a cruciferous oilseed plant while maintaining normal germination using this construct is also disclosed.

FIG.1A



No. of Pages : 311 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6816/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TETRACARBOXYLIC ACID DERIVATIVES, PROCESSES FOR THEIR PRODUCTION AND LIQUID CRYSTAL ALIGNING AGENT

(51) International classification	:C07C 69/74
(31) Priority Document No	:2009-030285
(32) Priority Date	:12/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051983
Filing Date	:10/02/2009
(87) International Publication No	:WO 2010/092989
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISSAN CHEMICAL INDUSTRIES, LTD.

Address of Applicant :7 - 1, KANDA - NISHIKI - CHO 3 - CHOME, CHIYODA - KU, TOKYO, 1010054, JAPAN.

(72)Name of Inventor :

1)SAKUMOTO, NAOKI

2)KONDO, MITSUMASA

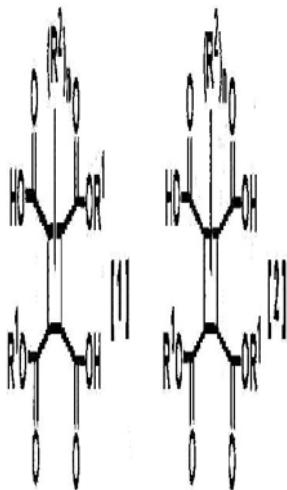
3)TOKUNAGA, KENICHI

4)NAGAO, MASATO

5)KITA, HIROSHI

(57) Abstract :

To provide a novel tetracarboxylic acid dialkyl ester having alkyl groups on a cyclobutane ring, and a novel bis(Ghlorocarbonyl) compound obtained by chlorinating it, as well as processes for producing them. To further provide a process for producing specific isomers thereof. A tetra carboxylic acid dialkyl ester represented by the following formula [1] or [2], and a bis (chlorocarbonyl) compound obtained by chlorinating it, as well as processes for producing them: wherein R1 is a C1-5 alkyl group, R2 is a C1-5 alkyl group, and n is from 1 to 4.



No. of Pages : 74 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2011

(21) Application No.682/DEL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TABLETS OR GRANULES CONTAINING HYDROCARBON DEGRADING BACTERIA USED FOR BIOREMEDIATION OF HYDROCARBON CONTAMINANTS

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SHARMA Peeyush
(32) Priority Date	:NA	Address of Applicant :Faculty of Pharmaceutical Sciences
(33) Name of priority country	:NA	Jodhpur National University Narnadi Jhanwar Road Jodhpur
(86) International Application No	:NA	Rajasthan India
Filing Date	:NA	2)BHANDARI Anil
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHARMA Peeyush
Filing Date	:NA	2)BHANDARI Anil
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a bacterial delivery device for delivery of a bacterial culture at the interface of oil and water in a hydrocarbon contaminated water. The invention also discloses methods of preparing such delivery devices.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9940/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SUBSTITUTED 4-HYDROXYPYRIMIDINE-5-CARBOXAMIDES

(51) International classification	:A61K 31/50
(31) Priority Document No	:61/221,838
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039292
Filing Date	:21/06/2010
(87) International Publication No	:WO 2011/002624
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK SHARP & DOHME CORP

Address of Applicant :126 EAST LINCOLN AVENUE,
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(72)Name of Inventor :

**1)CLEMENTS, MATHEW, J.
2)DEBENHAM, JOHN, S.
3)HALE, JEFFREY, J.
4)MADESN-DUGGAN, CHRISTINA**

(57) Abstract :

The present invention relates to substituted 4-hydroxypyrimidine-5-carboxamides useful as HIF prolyl hydroxylase inhibitors to treat anemia and like conditions

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9941/DELNP/2011 A

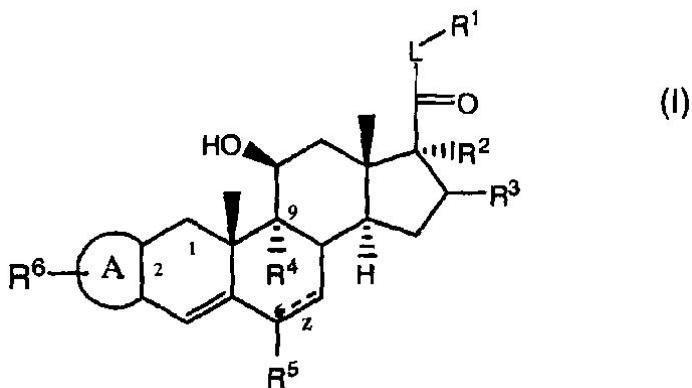
(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL [3,2-C] HETEROARYL STEROIDS AS GLUCOCORTICOID RECEPTOR AGONISTS, COMPOSITIONS AND USES THEREOF

(51) International classification	:C07J 71/00	(71)Name of Applicant :
(31) Priority Document No	:61/187,521	1)SCHERING CORPORATION
(32) Priority Date	:16/06/2009	Address of Applicant :2000 GALLOPING HILL ROAD, KENILWORTH, NEW JERSEY 07033-0530, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/038619 :15/06/2010	1)BIJU , PURAKKATTILE 2)BERLIN, MICHAEL, Y. 3)LIM, YEON-HEE 4)BITAR, REMA, D. 5)MCCORMICK, KEVIN, D. 6)ASLANIAN, ROBERT G. 7)LEE, YOON JOO 8)ZHENG, JUNYING 9)HUANG, YING 10)WON, WALTER
(87) International Publication No	:WO 2010/147947	
(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 compounds of Formula (I), and pharmaceutically acceptable salts, solvates, esters, prodrugs, tautomers, or isomers of said compounds), having the general structure: Formula (I) wherein L, R1, R2, R3, R4, R5, and R6 are selected independently of each other and as defined herein. The present invention also provides compounds (and salts, solvates, esters, prodrugs, tautomers, and isomers) of Formulas (H-A), (II-A1), (II-A2), (II-A2.1), (II-A-2.2), (II-A-2.3), (II-A4), (H-B), (H-C), (III), (IV), (V), (VI), as described herein. Also provided are pharmaceutical compositions, methods of preparing, and methods of using such compounds in the treatment and prophylaxis of a wide range of immune, autoimmune, and inflammatory diseases and conditions.



No. of Pages : 300 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9942/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITIONS COMPRISING CATIONIC AMPHIPHILES AND COLIPIDS FOR DELIVERING THERAPEUTICS MOLECULES

(51) International classification	:C12N 15/88
(31) Priority Document No	:61/178,962
(32) Priority Date	:16/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035049
Filing Date	:16/05/2010
(87) International Publication No	:WO 2010/135207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CUI, KUNYUAN

Address of Applicant :3224 189TH STREET SE, BOTHELL, WASHINGTON 98012-7962 UNITED STATES OF AMERICA

2)LIANG, DONG

3)SWEEDLER, DAVID

(72)Name of Inventor :

1)CUI, KUNYUAN

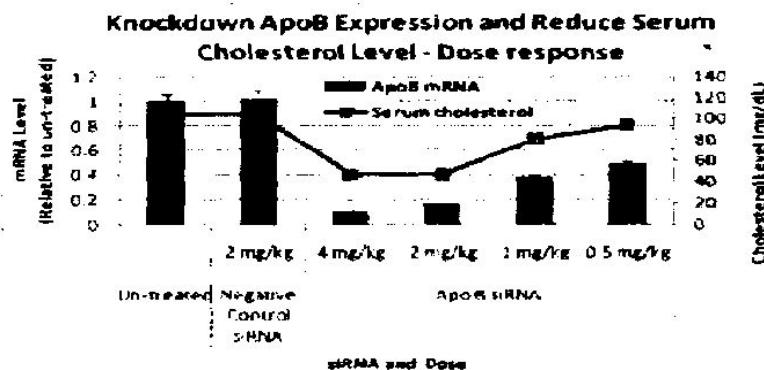
2)LIANG, DONG

3)SWEEDLER, DAVID

(57) Abstract :

This disclosure provides compositions that are useful combined with therapeutics, and in the diagnosis and treatment of diseases and conditions. The compositions are useful for delivery of agents such as nucleic acid therapeutics to cells, tissues, organs, and subjects. Fig. 1.

Fig. 1.



No. of Pages : 62 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9943/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYNUCLEOTIDES FOR MULTIVALENT RNA INTERFERENCE, COMPOSITIONS AND METHODS OF USE THEREOF

(51) International classification	:C12N 15/113	(71) Name of Applicant :
(31) Priority Document No	:61/183,011	1)HALO-BIO RNAI THERAPEUTICS, INC.
(32) Priority Date	:01/06/2009	Address of Applicant :4111 E. MADISON BOX
(33) Name of priority country	:U.S.A.	140,SEATTLE, WASHINGTON 98112 UNITED STATES OF
(86) International Application No	:PCT/US2010/036962	AMERICA
Filing Date	:01/06/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/141511	1)HAUSER, TODD M.
(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 includes bivalent or multivalent nucleic acid molecules or complexes of nucleic acid molecules having two or more target-specific regions, in which the target-specific regions are complementary to a single target gene at more than one distinct nucleotide site, and/or in which the target regions are complementary to more than one target gene or target sequence. Also included are compositions comprising such nucleic acid molecules and methods of using the same for multivalent RNA interference and the treatment of a variety of diseases and infections.

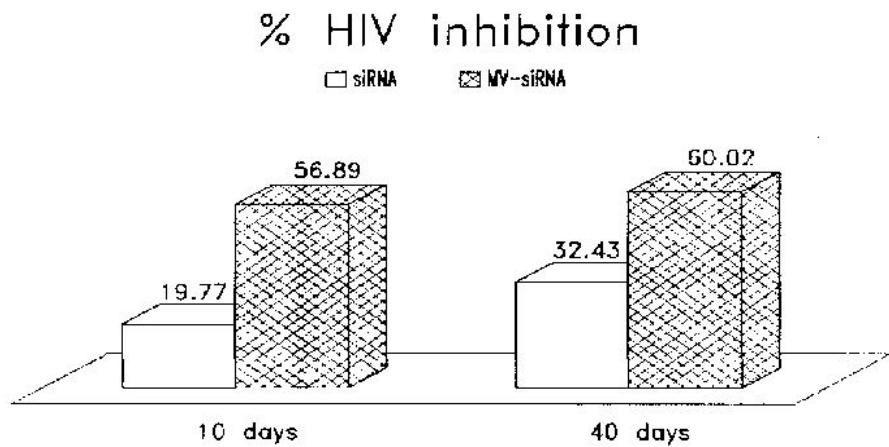


FIG. 9

No. of Pages : 179 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9944/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CARDIOVASCULAR RELATED USES OF IL-1B ANTIBODIES AND BINDING FRAGMENTS THEREOF

(51) International classification	:A61K 39/00
(31) Priority Document No	:61/313,001
(32) Priority Date	:11/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036761
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138939
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)XOMA TECHNOLOGY LIMITED

Address of Applicant :C/O. XOMA (US) LLC, 2910
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UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)SCANNON, PATRICK J.
2)SOLINGER, ALAN M.
3)FELDSTEIN, JEFFREY D.

(57) Abstract :

Disclosed are methods for the reduction, prevention or treatment of cardiovascular events and/or cardiovascular diseases, including acute cardiovascular disease or chronic cardiovascular disease using anti-IL-1 binding molecules (e.g., IL-1 binding antibodies and fragments thereof). The present disclosure also relates to methods for prevention or treatment of cardiovascular events and/or cardiovascular diseases, including by reducing a cardiovascular event or disease.

No. of Pages : 140 No. of Claims : 107

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9945/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMPROVED METHOD FOR SYNTHESIZING PIRFENIDONE

(51) International classification	:C07D 401/10
(31) Priority Document No	:61/183,588
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037090
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141600
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RADHAKRISHNAN, RAMACHADRAN

2)CYR, MIKE

3)BOUTET, SABINE, MARIE-FRANCOISE, BRIGITTE

(57) Abstract :

A process for synthesizing pirfenidone from bromobenzene having less than about 0.15% by weight dibromobenzenes is disclosed. Also disclosed are processes of synthesizing pirfenidone without using ethyl acetate or n-butanol, and pirfenidone having controlled levels of ethyl acetate, n-butanol, di(5-methyl-2-pyridinone)benzenes, and other impurities having specified retention times. Also disclosed are formulated dosage forms including the disclosed pirfenidone.

No. of Pages : 19 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9946/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TREATMENT OF HEART FAILURE WITH NORMAL EJECTION FRACTION

(51) International classification	:A61K 31/4458
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/GB2009/050539
Filing Date	:20/05/2009
(87) International Publication No	:WO 2010/133825
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ASHRAFIAN, HOUMAN

2)FRENNEAUX, MICHAEL, PAUL

(57) Abstract :

The invention relates to perhexiline, or a pharmaceutically acceptable salt thereof, for use in the treatment of HfπEF, as well as to a method of treating HfnEF, which comprises administering to an animal in need thereof an effective amount of perhexiline, or a pharmaceutically acceptable salt thereof, to treat HfnEF. The invention further relates to treatment programme for treating HfnEF, which involves the co-use or co-administration of perhexiline with one or more other compounds that are advantageous in treating HFnEF or the symptoms thereof.

No. of Pages : 36 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9947/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CLIP SCOOP

(51) International classification	:B65D 33/16
(31) Priority Document No	:61/221,584
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039563
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/002638
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
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(72)Name of Inventor :

1)MANGIN, RAPHAEL, LOUIS
2)ZHANG, WEI
3)DING, GUANGYAN
4)SAINT-IGNAN, KATY
5)CHEN, BIN
6)WEI, YI

(57) Abstract :

A scoop (20) has a bowl (21) and a handle. The bowl has a bowl edge (22) and bowl width (Wb). The handle has a proximal handle edge (31) connection to the bowl edge. The handle has a distal handle edge (32) opposite the proximal handle edge. The handle has a handle width. Fig. 1

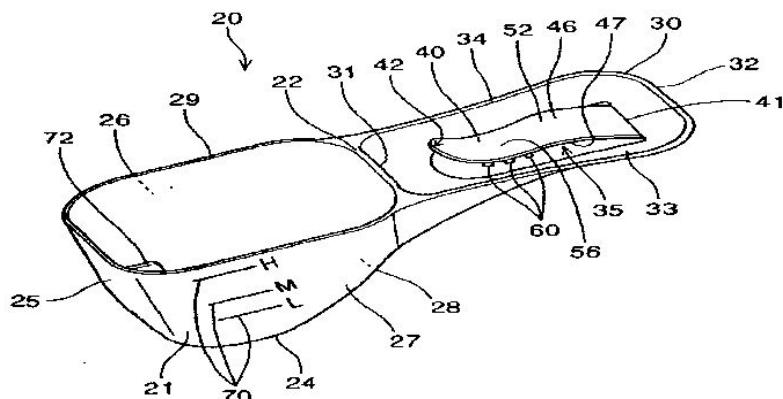


FIG. 1

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6802/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IR DETECTOR SYSTEM AND METHOD

(51) International classification	:H03M 1/46
(31) Priority Document No	:0903864.7
(32) Priority Date	:06/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/052837
Filing Date	:05/03/2010
(87) International Publication No	:WO 2010/100260
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SELEX GALILEO LIMITED

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BASILDON, ESSEX SS14 3EL, UNITED KINGDOM

(72)Name of Inventor :

1)CHRIS CHALK

2)PETER THORNE

(57) Abstract :

An Infra Red detector system and method is disclosed for a SAR ADC capable of operation at low power such that it may be used on a Focal Plane Array (FPA) detector. Conventional approaches to achieve high performance Successive Approximation Register (SAR) Charge Share Analogue to Digital Converters (ADC) require high gain comparators to achieve settling performance and high resolution which consume high power. High power consumption makes such converter approaches unattractive for use on Focal Plane Array (FPA) detectors that have to be cooled to cryogenic temperatures. Many such ADCs are used on a FPA detector (i.e. up to one ADC per column of the imaging array) to digitise image data for the whole array at standard frame rates. Increased power makes cooling difficult to achieve or unattractive at system level. The system disclosed uses an adaptive approach to set the comparator gain and settling time depending on the dynamics of the input signal, thereby achieving required performance whilst reducing overall power Figure 3.

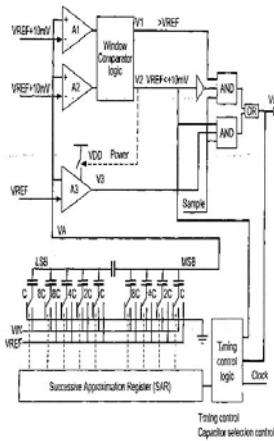


Fig.3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6804/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VEHICLE - MOUNTABLE IMAGING SYSTEMS AND METHODS

(51) International classification	:B60R 1/10
(31) Priority Document No	:12/404,177
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026592
Filing Date	:09/03/2010
(87) International Publication No	:WO 2010/104813
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.

Address of Applicant :PO BOX 868, NHQ1 - 719, NASHUA, NH 03061 - 0868, U.S.A.

(72)**Name of Inventor :**

**1)ALLISTER MCNEISH
2)C. RODGER CLAYCOMB
3)MARK A. KLAERNER
4)DANNY L. PLEMONS
5)DAVID K. BREAKFIELD**

(57) Abstract :

Imaging systems, methods, and vehicles having imaging systems.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.6805/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STIRLING ENGINE

(51) International classification	:F02G 1/04
(31) Priority Document No	:61/151,783
(32) Priority Date	:11/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023712
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/093666
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)STIRLING BIOPOWER, INC.

Address of Applicant :275 METTY DRIVE, ANN ARBOR, MI 48103, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)STEFAN JOHANSSON

2)CHRISTOPHER DOMANSKI

(57) Abstract :

An improved Stirling engine of the multiple cylinder double acting type. The engine in accordance with this invention includes numerous improved features, including but not limited to: piston design, piston rod seal design, components and methods for providing pressure balancing among the discrete cycle volumes of the engine, and a control valve configuration for reducing starting torque and unloading the engine if desired.

No. of Pages : 50 No. of Claims : 102

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9950/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PINCH CLAMP ASSEMBLY FOR AN INFUSION CASSETTE

(51) International classification	:A61M 39/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/004601
Filing Date	:25/06/2009
(87) International Publication No	:WO 2010/149187
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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VEVEY, SWITZERLAND

(72)Name of Inventor :

1)GAGLIARDONI, GIANCARLO, PAOLO

2)NICHETTI, GIUSEPPE ANTONIO

(57) Abstract :

A pinch clamp assembly for engaging a tube with an enteral feeding or infusion pump adapted to feed nutritionals or to infuse medical solutions to a patient, is provided comprising a base (1) comprising holding means (3) for holding a pumping section (10) of the tube in operative engagement with the base (1) and supporting means (5) for supporting a connector (6), a clamping element (7) having clamping surfaces engageable with the pumping section (10) and moveable between an open position allowing flow of fluid through the pumping section (10) and a closed position, a cover element (8) for slidably engagement with the clamping element (7) and the connector (6), the cover element (8) being removable from the pinch clamp assembly, wherein the cover element (8) is mountable to or dis-mountable from the clamping element (7) and the connector (6) only when the clamping element (7) is in the closed position, wherein in the mounted position of the cover element (8) the clamping element (7) can be brought into the open position and the connector (6) cannot be removed from the assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9952/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GRAPHENE NANORIBBONS PREPARED FROM CARBON NANOTUBES VIA ALKALI METAL EXPOSURE

(51) International classification	:C01B 31/04	(71) Name of Applicant :
(31) Priority Document No	:61/187,130	1)WILLIAM MARSH RICE UNIVERSITY
(32) Priority Date	:15/06/2009	Address of Applicant :6100 MAIN STREET, HOUSTON, TX 77005 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/038368	(72) Name of Inventor :
Filing Date	:11/06/2010	1)TOUR, JAMES, M.
(87) International Publication No	:WO 2010/147860	2)KOSYNKIN, DMITRY, V.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In various embodiments, the present disclosure describes processes for preparing functionalized graphene nanoribbons from carbon nanotubes. In general, the processes include exposing a plurality of carbon nanotubes to an alkali metal source in the absence of a solvent and thereafter adding an electrophile to form functionalized graphene nanoribbons. Exposing the carbon nanotubes to an alkali metal source in the absence of a solvent, generally while being heated, results in opening of the carbon nanotubes substantially parallel to their longitudinal axis, which may occur in a spiral wise manner in an embodiment. The graphene nanoribbons of the present disclosure are functionalized on at least their edges and are substantially defect free. As a result, the functionalized graphene nanoribbons described herein display a very high electrical conductivity that is comparable to that of mechanically exfoliated graphene.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9954/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYMERIZATION PROCESS WITH IMPROVED POLYMER HOMOGENEITY

(51) International classification	:B01J 19/24
(31) Priority Document No	:09163053.3
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058602
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146145
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DEWACHTER, DAAN

(57) Abstract :

The present invention relates to a process for the polymerization of an olefin monomer. In particular, the present invention relates to a process for the polymerization of an olefin monomer and one or more optional comonomers in presence of a polymerization catalyst and hydrogen, said process being characterized by an improved control of the hydrogen concentration in the polymerization reactor. In addition, the present invention provides for an improved hydrogen feeding system to a polymerization reactor. Furthermore, the present invention provides for a polymerization reactor comprising such an improved hydrogen feeding system.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9955/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INHIBITOR COMPOUNDS OF 11-BETA-HYDROXYSTEROID DEHYDROGENASE TYPE 1

(51) International classification	:C07D 295/104
(31) Priority Document No	:P200901402
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000258
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/139827
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CATENA RUIZ, JUAN LORENZO

2)SERRA COMAS, CARME

3)REY PUIGGROS, OSCAR

4)ANTOLIN HERNANDEZ, ALBERT

5)MONLLEO MAS, ESTER

(57) Abstract :

The compounds of formula (I) are derived from perhydroquinoline and perhydroisoquinoline and are useful as active pharmaceutical ingredients for the prophylaxis or treatment of diseases caused by 11-beta-hydroxysteroid dehydrogenase type 1 (11-beta-HSD1) enzyme-associated disorders, such as glaucoma, elevated ocular pressure, metabolic disorders, obesity, metabolic syndrome, dyslipidemia, hypertension, diabetes, atherosclerosis, Cushing's syndrome, psoriasis, rheumatoid arthritis, cognitive disorders, Alzheimer's disease or neurodegeneration.

No. of Pages : 181 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9957/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CUTTING INSERT AND FACE MILLING CUTTER

(51) International classification	:B23C 5/20	(71)Name of Applicant :
(31) Priority Document No	:2009-142825	1)TUNGALOY CORPORATION
(32) Priority Date	:16/06/2009	Address of Applicant :11-1, YOSHIMA-KOGYODANCHI, FUKUSHIMA 9701144, JAPAN
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/060225	(72)Name of Inventor :
Filing Date	:16/06/2010	1)KAZUYUKI UNO
(87) International Publication No	:WO 2010/147157	2)NAOTO NISHIYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an insert for removal installation in a tool body. The insert includes a cutting edge formed at an intersection of a rake face formed on a first surface and a relief face with a positive relief angle. The relief face includes a major relief face located adjacent to a major cutting edge, a first minor relief face located adjacent to the first minor cutting edge, and an intermediate relief face located adjacent to the intermediate cutting edge and extending between the major relief face and the first minor relief face. The intermediate relief face includes a protruding curved relief face extending from the first surface. An intersection of the curved relief face and the rake face has a predetermined radius of curvature and has substantially the same shape as that of an intersection of the curved relief face and a second surface. FIGURE 2

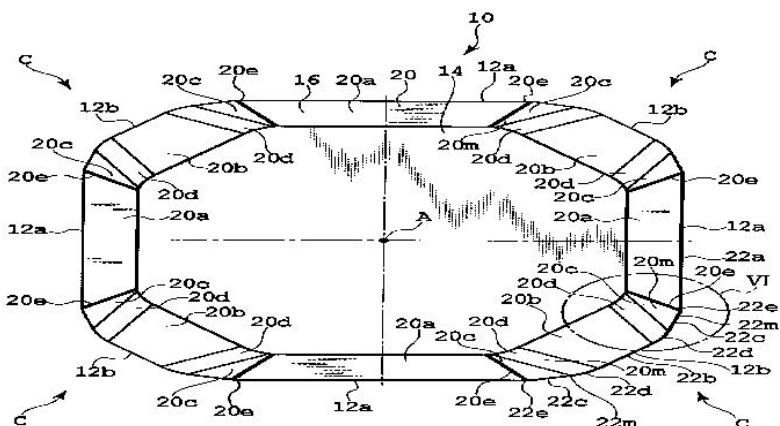


FIG.2

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9958/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CLIMATE SIMULATION SYSTEM WITH COLD ACCUMULATION TECHNIQUE

(51) International classification	:F24F 1/02
(31) Priority Document No	:2009/05249
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Turkey
(86) International Application No	:PCT/TR2010/000122
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/005236
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DIGITECH DIGITAL TEKNOLOJİ SAN.. VE TIC. LTD. STİ.

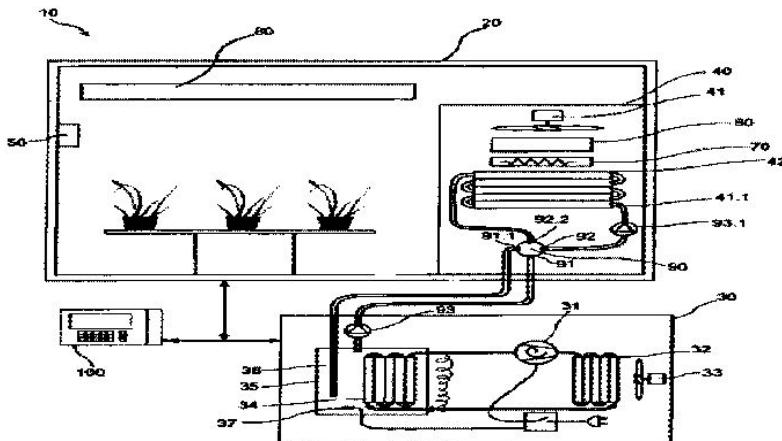
Address of Applicant :UZAYCAGI CAD, ODTU OSTİM TEKNOKENT Z-17, QUSTIM, 06370, ANKARA, TURKEY

(72)Name of Inventor :

1)TAVSAN, HAMDI

(57) Abstract :

This invention is about a climate simulation system (10) which provides with minimum energy consumption, the growth under preferred climate conditions and monitoring of living species such as plant, bacteria and insects in research laboratories, which minimizes the temperature fluctuation within the air-conditioning chamber and which provides the cooling of air-conditioning chamber (20) by use of cold accumulation.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9959/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR RECOVERY OF A FAILED REGISTRY

(51) International classification	:G06F 11/00
(31) Priority Document No	:12/556,456
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048092
Filing Date	:08/09/2010
(87) International Publication No	:WO 2011/031731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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VIRGINIA 20166, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)WALDRON JOE

2)KANE PATRICK

(57) Abstract :

A method of recovering a registry includes accessing a plurality of registry zone files for the registry and archiving, on a first periodic basis, the plurality of registry zone files. Each of the registry zone files includes at least domain names, registrar IDs, and status information represented in a first predetermined format. The method also includes accessing bulk WHOIS data for the registry and archiving, on a second periodic basis, the bulk WHOIS data. The bulk WHOIS data includes at least nameserver server names, IP addresses, and status information represented in a second predetermined format. The method further includes validating one of the plurality of archived registry zone files based on a comparison between the plurality of registry zone files and the bulk WHOIS data, publishing the validated registry zone file to a second registry's nameservers, initiating a root zone change request, and updating authoritative nameservers.

No. of Pages : 39 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9971/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR SORPTION OF CO₂ OUT OF FLUE GAS

(51) International classification	:B01D 53/14
(31) Priority Document No	:61/220,388
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058849
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/149669
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KALB, ROLAND

2)WAPPEL, DAVID

3)PECHARDA, STEFAN

4)GRONALD, GUNTER

(57) Abstract :

According to an exemplary aspect of the invention a method of sorption of CO₂ out of flue gas is provided, wherein the method comprises contacting the flue gas and an ionic liquid comprising an anion and a non- aromatic cation.

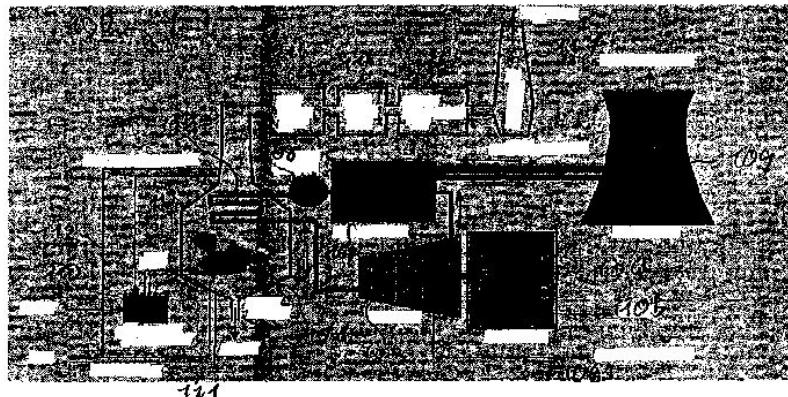


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9972/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD OF SYNTHESIZING ORGANIC MOLECULES

(51) International classification	:C07D 339/08
(31) Priority Document No	:09163829.6
(32) Priority Date	:25/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058860
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/149675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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GRAMBACH, AUSTRIA

(72)Name of Inventor :

1)KALB, ROLAND

(57) Abstract :

A method of synthesizing organic molecules is provided, wherein the method comprises providing an electrophilic educt, providing an ionic liquid comprising a carbanion, and synthesizing the organic molecules by mixing the electrophilic educt and the ionic liquid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9973/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOLECULAR BEAM EPITAXY APPARATUS FOR PRODUCING WAFERS OF SEMICONDUCTOR MATERIAL

(51) International classification	:C30B 23/02	(71) Name of Applicant :
(31) Priority Document No	:09305570.5	1)RIBER
(32) Priority Date	:18/06/2009	Address of Applicant :31 RUE CASIMIR PERIER, F-95870 BEZONS, FRANCE
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/058569	1)JEROME VILLETTÉ
Filing Date	:17/06/2010	2)VALERICK CASSAGNE
(87) International Publication No	:WO 2010/146129	3)CATHERINE CHAIX
(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 concerns a molecular beam epitaxy apparatus for producing wafers of semiconductor material, the device comprising a growth chamber (1) surrounding a process area (2), a main cryogenic panel having at least a lateral part (10) covering the inner surface of the lateral wall (3) of the growth chamber (1), a sample holder (6), at least one effusion cell (8) able to evaporate a material, a gas injector (9) able to inject a gaseous precursor into the growth chamber (1), pumping means (11) connected to the growth chamber (1) and able to provide high vacuum capability. According to the invention, the molecular beam epitaxy apparatus comprises an insulation enclosure (14) covering at least the inner surfaces of the growth chamber walls (3,4,5), said insulation enclosure (14) comprising cold parts having a temperature T_{min} inferior or equal to melting point of the gaseous precursor, and hot parts having a temperature T_{min} superior or equal to a temperature wherein the desorption rate of the gaseous precursor on said hot parts is at least 1000 times greater than the adsorption rate of said gaseous precursor.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9974/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS FOR DEPOSITING A THIN FILM OF MATERIAL ON SUBSTRATE AND REGENERATION PROCESS FOR SUCH AN APPARATUS

(51) International classification	:C30B 23/02
(31) Priority Document No	:09305569.7
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/058571
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/146130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)JEROME VILLETTÉ

2)VALERICK CASSAGNE

3)CATHERINE CHAIX

(57) Abstract :

The present invention concerns an apparatus for depositing a thin film of material on a substrate and a regeneration process. The apparatus comprises a chamber (1), a cryogenic panel (10) disposed inside the chamber, a sample holder (6) able to support a substrate, a gas injector (9) able to inject a gaseous precursor into the chamber (1), first trap means (11) connected to said vacuum chamber (1) and able to trap a part of the gaseous precursor released by said cryogenic panel (10), said first trap means (11) having a fixed pumping capacity S1. According to the invention, the apparatus for depositing a thin film of material on a substrate comprises second trap means (18) having a variable pumping capacity S2 able to be regulated in function of the gaseous precursor partial pressure, the first and second trap means providing a total pumping capacity S = S1 + S2 sufficient to maintain the gaseous precursor partial pressure in the vacuum chamber (1) under a determined pressure PL. FIGURE 2

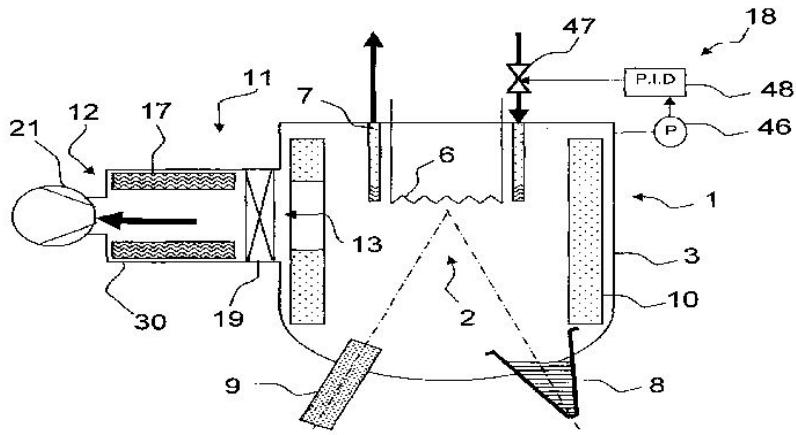


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9975/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FRONT END OF A MOTOR VEHICLE

(51) International classification	:B62D 25/08
(31) Priority Document No	:10 2009 052 110.0
(32) Priority Date	:05/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/066484
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/054754
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VASANT PEDNEKAR
3)ULRICH DAJEK
4)HANS-WALTER WEYER
5)JENS MENKE
6)NA
7)BERENICE COTTENS

(57) Abstract :

The invention relates to a front end of a motor vehicle, consisting of at least one main body and at least a first thermoplastic part and a second thermoplastic part, which are securely connected by injection molding firstly to the main body and simultaneously the various plastics parts are securely connected to one another, wherein the two plastics parts consist of different plastics materials and these are injection molded according to the bi-injection process and fuse with one another when they encounter one another.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9960/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR INTELLIGENT ROUTING OF REQUESTS OVER EPP

(51) International classification	:G06F 15/173
(31) Priority Document No	:12/543,462
(32) Priority Date	:18/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041604
Filing Date	:09/07/2010
(87) International Publication No	:WO 2011/022133
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GOULD, JAMES

2)JAIN, MAHENDRA

3)LLOYD, COLIN

(57) Abstract :

Method and system for routing EPP requests over a network are provided. The EPP request can include XML namespace information and optionally XML sub-product information. A gateway can receive the request and analyze the namespace and in some instances, sub-product information to determine the service to which the request is directed. Thereupon, the gateway can route the request to the appropriate service by consulting a routing table that can have status and connectivity information for all the available services.

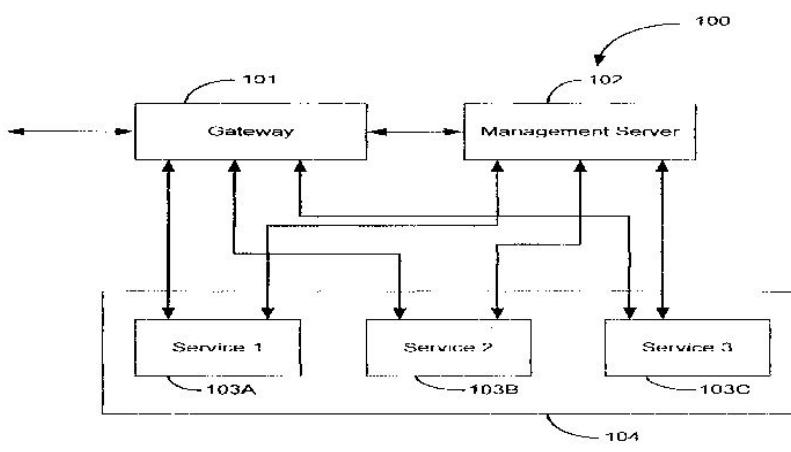


FIG. 1

No. of Pages : 23 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9961/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOVEMENT TRANSFORMATION DEVICE AND VALVE COMPRISING SUCH A DEVICE

(51) International classification	:F02M 25/07
(31) Priority Document No	:0902946
(32) Priority Date	:17/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058547
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/146120
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ALBERT LAURENT

2)RIDOLFI GABRIEL

(57) Abstract :

The invention relates to a device for transforming a rotation of a gear (5) into a translation of a slide (2, 8), the device including a supporting member (9) provided with a fixed tubular wall (10) translatable connected to the slide (2, 8) by a cam channel (11), the gear (5) being rotatably mounted on the supporting member (9) and rotatably connected to the slide (2, 8) which is suitable for pivoting about an axis. The gear (5) comprises a ring (15) rotatably mounted on the tubular wall (10) of the supporting member (9).

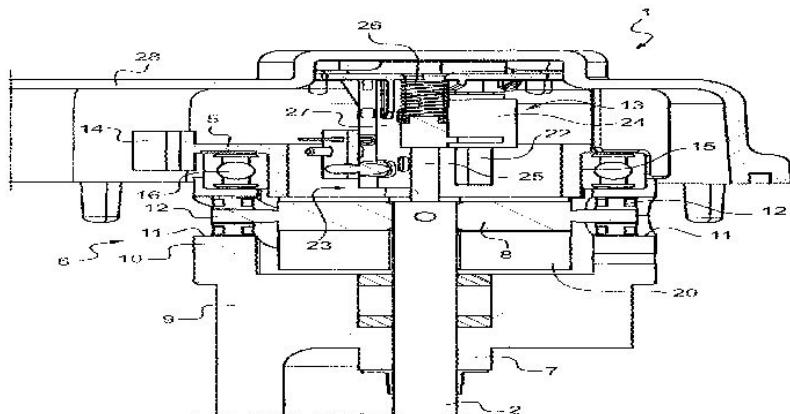


Fig.5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9963/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HEALTHCHECK OF DOOR OBSTRUCTION DEVICE

(51) International classification	:B66B 13/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/050989
Filing Date	:17/07/2009
(87) International Publication No	:WO 2011/008214
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OTIS ELEVATOR COMPANY

Address of Applicant :TEN FARM SPRINGS ROAD,
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(72)Name of Inventor :

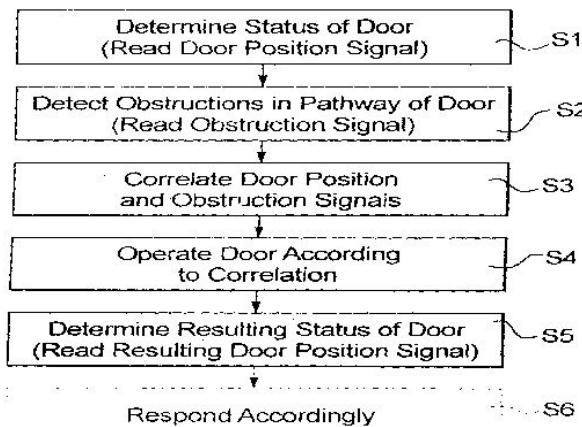
1)LOEB RUEDIGER

2)HERKEL PETER

(57) Abstract :

Automatic door systems (10, 10a) and methods capable of determining proper functionality thereof are provided. The door systems (10, 10a) are provided with a healthcheck module (22, 22a) which automatically determines functionality of the door system (10, 10a) by initially monitoring a first output signal provided by a first sensor (19, 19a) and a second output signal provided by a second sensor (18, 18a). More specifically, the healthcheck module (22, 22a) correlates the first output signal with the second output signal and operates one or more doors (12, 12a) of a door system (10, 10a) according to the correlation. The healthcheck module (22, 22a) then monitors the second output signal provided by the second sensor (18, 18a) to determine the ability of the one or more doors (12, 12a) to close, and determines functionality of the door system (10, 10a) accordingly. Refer to Figure 2

FIG. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9966/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : UREIDOPHENYL SUBSTITUTED TRIAZINE DERIVATIVES AND THEIR THERAPEUTICAL APPLICATIONS

(51) International classification	:A01N 43/66
(31) Priority Document No	:61/185,427
(32) Priority Date	:09/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/037890 :09/06/2010
(87) International Publication No	:WO 2010/144522
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)TAO, CHUNLIN

2)WANG, QINWEI

3)KORONIAK, LUKASZ

4)POLAT, TULAY

5)NALLAN, LAXMAN

6)DESAI, NEIL

(57) Abstract :

The present invention provides Uredophenyl substituted triazine derivatives and provides methods of using these compounds to modulate protein kinases and methods of using these compounds to treat protein kinase mediated diseases and conditions.

No. of Pages : 91 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9968/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONNECTION ASSEMBLY FOR A DRUG DELIVERY DEVICE, AND METHOD FOR MAKING THIS ASSEMBLY

(51) International classification	:A61M 5/34
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/006555
Filing Date	:24/06/2009
(87) International Publication No	:WO 2010/150041
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON DICKINSON FRANCE

Address of Applicant :RUE ARISTIDE BERGES 38800 LE PONT DE CLAIX FRANCE

(72)Name of Inventor :

1)ALVAIN, OLIVIER

(57) Abstract :

This connection assembly (10) includes a tip (11) defining a longitudinal axis (A) and including a mounting area (21) for mounting an adaptor (13) thereon, and said adaptor (13) including a mounting portion (26) of thermoplastic material, forming a radial surface, which define a mounting opening (27) for mounting said adaptor (13) onto said tip (11). According to the invention: - said mounting area (21) includes at least one first portion (25; 30) having an outer surface which is located at a first distance from said longitudinal axis (A) and at least one second portion (22), adjacent to said first portion (25; 30), having an outer surface which is located at a second distance from said longitudinal axis (A), said second distance being different from said first distance, said radial surface being located after assembly of said adaptor over said first portion (25; 30) and said second portion (22); - said mounting opening (27) and said at least one first portion (25; 30) and second portion (22) are so dimensioned one with respect to the other that said radial surface of said mounting portion (26) is in close contact with the outer surfaces of both said first portion (25; 30) and said second portion (22).

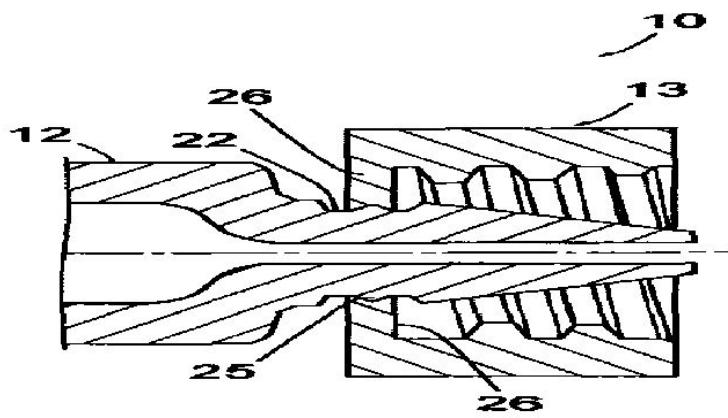


FIG. 7

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9990/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STEEL WIRE FOR HIGH-STRENGTH SPRING

(51) International classification	:C22C 38/00
(31) Priority Document No	:2009-162784
(32) Priority Date	:09/07/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/062025 :09/07/2010
(87) International Publication No	:WO 2011/004913
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SUZUKI METAL INDUSTRY CO., LTD

3)HONDA MOTOR CO., LTD.

(72)Name of Inventor :

1)MASAYUKI HASHIMURA

2)HITOSHI DEMACHI

3)TAKAYUKI KISU

4)SHOICHI SUZUKI

5)MOTONOBU SUEHIRO

6)JUN KAWAGUCHI

7)KEIICHI MAEKAWA

8)ATSUSHI MURAKAMI

(57) Abstract :

High strength steel wire for spring containing, by mass%, C: 0.67% to less than 0.75%, Si: 2.0 to 2.5%, Mn: 0.5 to 1.2%, Cr: 0.8 to 1.3%, V: 0.03 to 0.20%, Mo: 0.05 to 0.25%, W: 0.05 to 0.30%, and N: 0.003 to 0.007%, having a total of contents of Mn and V of $0.70\% \leq \text{Mn} + \text{V} \leq 1.27\%$ and a total of contents of Mo and W of $0.13\% \leq \text{Mo} + \text{W} \leq 0.35\%$, limiting P: 0.025% or less, S: 0.025% or less, and Al: 0.003% or less, and having a balance of iron and unavoidable impurities, having a microstructure comprised of, by volume percent, over 6% to 15% of retained austenite and tempered martensite, having a prior-austenite grain size number of 10 or more, having a density of presence of spheroidal carbides with a circle equivalent diameter of 0.2 to 0.5 μm of 0.06 particles/ μm^2 or less, having a density of presence of spheroidal carbides with a circle equivalent diameter of over 0.5 μm of 0.01 particles/ μm^2 or less, and having a tensile strength of 2100 to 2350 MPa.

No. of Pages : 44 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9991/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DISAMBIGUATING POINTERS BY IMAGING MULTIPLE TOUCH-INPUT ZONES

(51) International classification	:G06F 3/042
(31) Priority Document No	:12/501,088
(32) Priority Date	:10/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001085
Filing Date	:12/07/2010
(87) International Publication No	:WO 2011/003205
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :3636 RESEARCH ROAD N.W.,
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(72)Name of Inventor :

1)GERALD D. MORRISON

2)DANIEL PETER MCREYNOLDS

3)ALEX CHTCHETININE

4)GRANT HOWARD MCGIBNEY

5)DAVID E. HOLMGREN

6)YE ZHOU

7)BRINDA KABADA

8)SAMEH AL-ERYANI

9)YUN ZHANG

(57) Abstract :

A method of resolving ambiguities between at least two pointers within a region of interest divided into a plurality of zones comprises capturing images of the region of interest from different vantages using a plurality of imaging devices; for each zone, processing images from a different set of imaging devices to identify a plurality of targets for the at least two pointers; and analyzing the plurality of targets to resolve a real location within the region of interest associated with each pointer.

No. of Pages : 91 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9992/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AUXILLIARY SMART POWER SYSTEM FOR ECP EQUIPPED TRAIN

(51) International classification	:B60T 7/12
(31) Priority Document No	:61/179,910
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034301
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/135103
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NEW YORK AIR BRAKE CORPORATION

Address of Applicant :748 STARBUCK AVENUE,
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(72)**Name of Inventor :**

1)ANTHONY W. LUMBIS

2)BRYAN M. MC LAUGHLIN

3)JOSEMARIA MORA

(57) Abstract :

A controlled power system is in a train having electric controlled pneumatic (ECP) brakes on cars of the train connected to a trainline which carries electric power and control signals and having at least one auxiliary device on some of the cars. The power system on a car having the auxiliary device includes a power module connecting the auxiliary device to a source of power when activated; and a first controller, including a transceiver, for activating the power module to connect the source of power to the auxiliary device in response to a power up signal on the trainline.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9996/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STABLE DRY POWDER COMPOSITION COMPRISING BIOLOGICALLY ACTIVE MICROORGANISMS AND/OR BIOACTIVE MATERIALS AND METHODS OF MAKING

(51) International classification	:C12N 1/04
(31) Priority Document No	:61/181,248
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036098
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138522
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ADVANCED BIONUTRITION CORPORATION

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(72)**Name of Inventor :**

1)MOTI HAREL

2)ROGER DREWES

3)BRIAN CARPENTER

4)ELENA ARTIMOVICH

(57) Abstract :

The present invention relates to embedding live or dead microorganisms and/or bioactive materials in a protective dry formulation matrix, wherein the formulation includes the bioactive microorganism or material, a formulation stabilizer agent, and a protective agent. The formulation is prepared by dispersing all the solid components in a solution, with or without a vacuum, and cooling the solution to a temperature above its freezing temperature. The methods include a primary drying step of the formulation at a desired temperature and time period, and an accelerated secondary drying step under maximum vacuum and elevated temperature, to achieve a final desirable water activity of the dry material.

No. of Pages : 58 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9997/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TEMPERATURE RESISTANT CHOCOLATE COMPOSITION AND METHOD

(51) International classification

:A23G 1/50

(31) Priority Document No

:12/488,065

(32) Priority Date

:19/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/038774

Filing Date

:16/06/2010

(87) International Publication No

:WO 2010/148058

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HERSHEY FOODS CORPORATION

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(72)Name of Inventor :

1)STEVEN JAMES HESS

2)ERICH J. WINDHAB

3)CORINA S. CURSCHELLAS

4)WILLIAM HANSELMANN

(57) Abstract :

A chocolate composition and a method for manufacturing the chocolate composition include a solid material, e.g., nutritive carbohydrate sweetener that has a particle size from about 50 to about 1000 nanometers. The solid material may comprise a sugar, such as but not limited to, sucrose. By including within the chocolate composition the solid material that has the particle size from about 50 to about 1000 nanometers, the chocolate composition has enhanced temperature resistance properties.

No. of Pages : 49 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9976/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYMETHACRYLATES AS HIGH VI VISCOSITY MODIFIERS

(51) International classification	:C10M 145/14
(31) Priority Document No	:61/184,007
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036990
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141528
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MARINA BAUM

2)HAIHU QIN

3)BRENT R. DOHNER

(57) Abstract :

A lubricating composition contains an oil of lubricating viscosity and 0.5 to 10 percent by weight of a poly(meth)acrylate viscosity modifier polymer comprising (i) 15 weight percent to 35 weight percent monomer units of methyl (meth)acrylate, (ii) 0 to 10 weight percent monomer units of one or more C2-C6 alkyl (meth)acrylates, (iii) 50 to 85 weight percent monomer units of one or more C8-C30 alkyl (meth)acrylates, and (iv) 0 to 10 weight percent monomer units of one or more nitrogen-containing monomers. Such a lubricating composition exhibits a high viscosity index and may impart improved fuel economy to an internal combustion engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9978/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : EXTENDABLE STRUCTURE

(51) International classification	:B64G 1/22	(71) Name of Applicant :
(31) Priority Document No	:09275045.4	1)ASTRIUM LIMITED
(32) Priority Date	:18/06/2009	Address of Applicant :GUNNELS WOOD ROAD,
(33) Name of priority country	:EUROPEAN UNION	STEVENAGE HERTFORDSHIRE SG1 2AS, UNITED KINGDOM
(86) International Application No	:PCT/EP2010/058562	(72) Name of Inventor :
Filing Date	:17/06/2010	1)RICHARD PAUL SLADE
(87) International Publication No	:WO 2010/146126	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An extendable structure (100) which may be used in space-based applications, for example forming the body of a telescope. The structure is movable between a stowed configuration and an extended configuration, and comprises a plurality of walls (401,402,403,404) arranged to give a polygonal cross-section in the extended configuration. Each wall comprises a plurality of repeating units (2501,2502) which are connected by a plurality of hinges. Each repeating unit itself comprises a plurality of sections (101,102,103,104,105,106) connected by a plurality of hinges (109,110, 111,112,113,114). The plurality of hinges may comprise tape-spring hinges.

No. of Pages : 60 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9979/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OLIGOMERIZATION OF ALPHA OLEFINS USING METALLOCENE-SSA CATALYST SYSTEMS AND USE OF THE RESULTANT POLYALPHAOLEFINS TO PREPARE LUBRICANT BLENDS

(51) International classification	:C08F 10/14
(31) Priority Document No	:61/187,334
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/038681 :15/06/2010
(87) International Publication No	:WO 2010/147993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHEVRON PHILLIPS CHEMICAL COMPANY LP
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(72)Name of Inventor :

- 1)SMALL, BROOKE, L.
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- 3)MASINO, ALBERT, P.
- 4)MCDANIEL, MAX, P.
- 5)BUCK, RICHARD, M.
- 6)BEAULIEU, WILLIAM, B.
- 7)YANG, QING
- 8)BARALT, EDUARDO, J.
- 9)NETEMEYER, ERIC, J.
- 10)KREISCHER, BRUCE

(57) Abstract :

This disclosure provides for alpha olefin oligomers and polyalphaolefins (or PAOs) and methods of making the alpha olefin oligomers and PAOs. This disclosure encompasses metallocene-based alpha olefin oligomerization catalyst systems, including those that include at least one metallocene and an activator comprising a solid oxide chemically-treated with an electron withdrawing anion. The alpha olefin oligomers and PAOs prepared with these catalyst systems can have a high viscosity index combined with a low pour point, making them particularly useful in lubricant compositions and as viscosity modifiers.

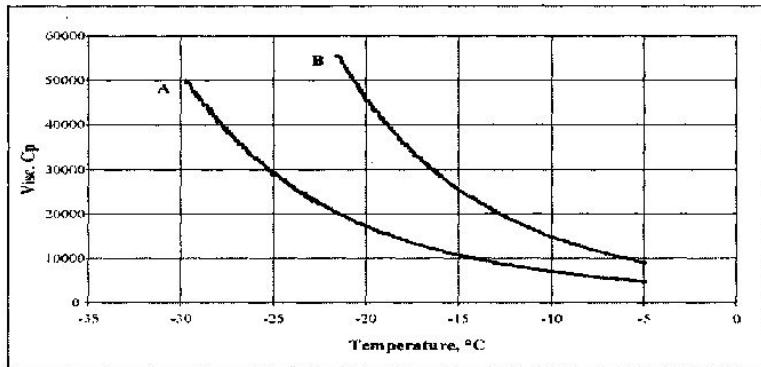


FIG. 1

No. of Pages : 209 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9969/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMPROVED LUER CONNECTOR

(51) International classification	:A61M 5/34
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/006577
Filing Date	:24/06/2009
(87) International Publication No	:WO 2010/150042
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON DICKINSON FRANCE

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(72)Name of Inventor :

1)DELABIE, PATRICE

(57) Abstract :

The invention relates to a drug delivery device comprising a container for a product, said container comprising a distal tip (3) having a longitudinal axis A and a channel (4) providing a passageway for the transfer of said product, the outer surface of said distal tip (3) comprising a proximal portion (5) and a distal portion (6) linked to each other by a coupling portion (7), said proximal portion (5), distal portion (6) and coupling portion (7) being aligned on said longitudinal axis A, characterized in that the greatest external diameter of said coupling portion (7) is greater than the greatest external diameter of said distal portion (6) on a length L measured along said longitudinal axis A at least equal to 1 mm. The invention also relates to an assembly (101) comprising such a drug delivery device and an adaptor (8).

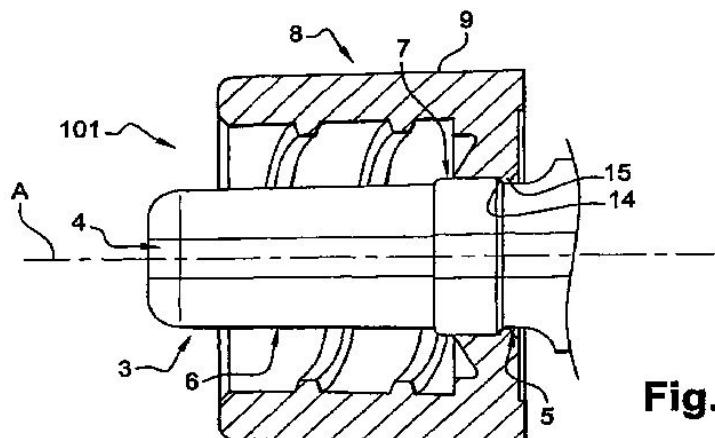


Fig. 6B

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9949/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CAPSULE FOR THE PREPARATION OF A BEVERAGE COMPRISING AN IDENTIFICATION ELEMENT

(51) International classification	:B65D 85/804
(31) Priority Document No	:09164586.1
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058682
Filing Date	:21/06/2010
(87) International Publication No	:WO 2011/000723
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)PETER, BUCHER

2)ALESSANDRO, BRAZZOLA

3)KOLLEP, ALEXANDRE

4)JUNG, ANDRE

(57) Abstract :

Capsule (1) for the preparation of a beverage comprising: a first and second covering walls (3 A, 3B) connected at a peripheral seam (4) for forming a cavity (5) containing a beverage ingredient (6); a contactless element (8) for identifying the capsule by detecting means (2) of a beverage producing device (13); wherein the identifying element (8) is oriented along its longer dimension substantially orthogonally relative to the transversal plane (P) passing along the seam (4) of the capsule.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9988/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PRODUCTION OF GLUTARIC ACID AND DERIVATIVES FROM CARBOHYDRATE-CONTAINING MATERIALS

(51) International classification	:C07C 51/235	(71) Name of Applicant :
(31) Priority Document No	:61/268,414	1)RENNOVIA, INC.
(32) Priority Date	:13/06/2009	Address of Applicant :1080 HAMILTON AVENUE, MENLO PARK, CALIFORNIA 94025, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/038419	1)THOMAS R. BOUSSIE
Filing Date	:11/06/2010	2)ERIC L. DIAS
(87) International Publication No	:WO 2010/144871	3)ZACHARY M. FRESCO
(61) Patent of Addition to Application Number	:NA	4)VINCENT J.MURPHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally relates to processes for the chemocatalytic conversion of a pentose source to a glu-taric acid product. The present invention includes processes for the conversion of pentose' to a glutaric acid product via petaric acid or derivatives thereof. The present invention ate includes processes comprising the catalytic oxidation of pentose to pentaric acid and catalytic hydrod oxyg enation of pentaric acid or derivatives thereof to a glutaric acid product.

No. of Pages : 25 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9989/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING CEMENT CLINKER IN A PLANT, AND PLANT FOR PRODUCING CEMENT CLINKER AS SUCH

(51) International classification	:F27B 7/20	(71) Name of Applicant :
(31) Priority Document No	:09/03.250	1)FIVES FCB
(32) Priority Date	:02/07/2009	Address of Applicant :50 RUE DE TICLENI, F-59650 VILLENEUVE, D'ASCQ, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/000478	1)SEBASTIEN DEVROE
Filing Date	:30/06/2010	
(87) International Publication No	:WO 2011/001044	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing cement clinker in a plant that includes: a first cyclone preheater and a second cyclone preheater for preheating first and second portions of a raw material, respectively; a precalcinator using a combustion gas for burning a fuel, the fumes released by the precalcinator being directed to said second cyclone preheater, a rotary furnace provided with a fuel burner, the fumes released by the rotary furnace being directed to said first cyclone preheater; and a clinker cooler that blows cooling air across the clinker at the outlet of the rotary furnace. According to the method, the precalcinator combustion gas contains between 90 and 100 vol % of oxygen. The precalcinator may consist of a fluidized bed, the fluidization gas being the combustion gas. The invention also relates to a plant as such.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9998/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PRODUCTION OF ADIPIC ACID AND DERIVATIVES FROM CARBOHYDRATE-CONTAINING MATERIALS

(51) International classification	:C07C 51/377	(71) Name of Applicant :
(31) Priority Document No	:61/268,414	1)RENNOVIA, INC.
(32) Priority Date	:13/06/2009	Address of Applicant :1080 HAMILTON AVENUE, MENLO PARK, CALIFORNIA 94025, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/038422	1)THOMAS R. BOUSSIE
Filing Date	:11/06/2010	2)ERIC I. DIAS
(87) International Publication No	:WO 2010/144873	3)ZACHARY M. FRESCO
(61) Patent of Addition to Application Number	:NA	4)VINCENT J. MURPHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally relates to processes for the chemocatalytic conversion of a carbohydrate source to an adipic acid product. The present invention includes processes for the conversion of a carbohydrate source to an adipic acid product via a furanic substrate, such as 2,5-furandicarboxylic acid or derivatives thereof. The present invention also includes processes for producing an adipic acid product comprising the catalytic hydrogenation of a furanic substrate to produce a tetrahydro-furanic substrate and the catalytic hydrodeoxygenation of at least a portion of the tetrahydrofuranic substrate to an adipic acid product. The present invention also includes products produced from adipic acid product and processes for the production thereof from such adipic acid product.

No. of Pages : 26 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9999/DELNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FREQUENCY-RESPONSIVE WIND TURBINE

(51) International classification	:F03D 7/02
(31) Priority Document No	:12/497,772
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041669
Filing Date	:12/07/2010
(87) International Publication No	:WO 2011/006152
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333,
MUNCHEN, GERMANY

(72)Name of Inventor :

1)NELSON; ROBERT J.

(57) Abstract :

A wind farm (10) may include a plurality of variable speed wind turbines (12, 14, 16). A centralized controller (50) may be configured to selectively adjust a respective electrical output power from each of the wind turbines. The controller may include a monitor (52) configured to monitor a correlation between a deviation from a grid frequency and a wind power change. The controller may be configured to adjust a response of the electrical output power based on the monitored correlation. The electrical output power response may be configured to meet a grid frequency regulation notwithstanding random occurrences of wind power changes FIG1

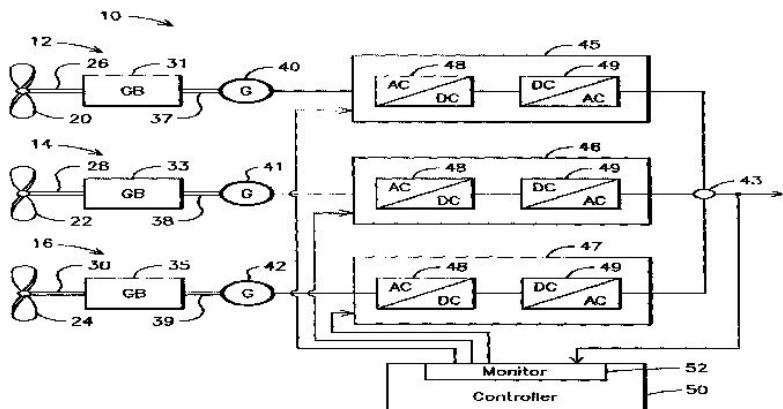


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/07/2009

(21) Application No.1453/MUMNP/2009 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INFORMATION STORAGE MEDIUM CONTAINING SUBTITLES AND PROCESSING APPARATUS THEREFOR□

(51) International classification	:G11B20/12	(71) Name of Applicant :
(31) Priority Document No	:-	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:01/01/1901	Address of Applicant :416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Republic of Korea
(33) Name of priority country	:Argentina	(72) Name of Inventor :
(86) International Application No	:PCT/KR2004/002904	1)KANG Man-Seok
Filing Date	:10/11/2004	2)MOON Seong-Jin
(87) International Publication No	: NA	3)CHUNG Hyun-Kwon
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:522/MUMNP/2006	
Filed on	:08/05/2006	

(57) Abstract :

An information storage medium containing subtitles and a subtitle processing apparatus, where the information storage medium includes: audio-visual (AV) data; and subtitle data in which at least one subtitle text data and output style information designating an output form of the subtitle texts are stored with a text format. With this, output times of subtitle texts included in the text subtitle data can be overlapped, a subtitle file can be easily produced, and subtitles for an AV stream can be output with various forms.

No. of Pages : 31 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/07/2009

(21) Application No.1455/MUMNP/2009 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INFORMATION STORAGE MEDIUM CONTAINING SUBTITLES AND PROCESSING APPARATUS THEREFOR□

(51) International classification	:G11B20/12
(31) Priority Document No	:-
(32) Priority Date	:01/01/1901
(33) Name of priority country	:A [□] gentina
(86) International Application No	:PCT/KR2004/002904
Filing Date	:10/11/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:522/MUMNP/2006
Filed on	:08/05/2006

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea

(72)**Name of Inventor :**

1)KANG Man-Seok

2)MOON Seong-Jin

3)CHUNG Hyun-Kwon

(57) Abstract :

An information storage medium containing subtitles and a subtitle processing apparatus, where the information storage medium includes: audio-visual (AV) data; and subtitle data in which at least one subtitle text data and output style information designating an output form of the subtitle texts are stored with a text format. With this, output times of subtitle texts included in the text subtitle data can be overlapped, a subtitle file can be easily produced, and subtitles for an AV stream can be output with various forms.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2102/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VERIFICATION OF PERSONAL INFORMATION

(51) International classification	:G06F17/30, G06F21/00, H04L29/06	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BANERJEE UTSAB
(33) Name of priority country	:NA	2)DEY , SOUNAK
(86) International Application No Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Systems and methods for verification of supplied information of a candidate in a profile on a website are described herein. In one implementation, presence of the candidate at least at one location,, from a public place and in front of and facing towards a display device, is determined. Based on the presence of the candidate at the at least one location, information associated with the candidate is acquired. The acquired information is processed for facilitation of the verification. The processed information is loaded on a server for the verification of the supplied information.

No. of Pages : 30 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2103/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STANDALONE WEALTH MANGEMENT

(51) International classification	:G06Q 40/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SENGUPTA , TUHIN
(87) International Publication No	: NA	2)PILLAI , VINU BALAKRISHNA
(61) Patent of Addition to Application Number	:NA	3)SASTRY DHARA , LAKSHMI NARASIMHA
Filing Date	:NA	4)RAMAKRISHNA REDDY , PERAM
(62) Divisional to Application Number	:NA	5)KRISHNA, YAMINI PRIYA
Filing Date	:NA	

(57) Abstract :

Methods and systems for standalone wealth management are described. In one implementation, a standalone wealth management method comprises extracting customer data corresponding to one or more customers selectively from a central repository into a local repository of a device, when the device is connected to a server. Further, the method comprises modifying the customer data in the local repository, when the device is disconnected from the server. Furthermore, the method comprises synchronizing the customer data in the central repository with the modified customer data in the local repository, when the device is reconnected to the server.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2104/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OPTIMIZED COMMUNICATION IN A DISTRIBUTED PARALLEL COMPUTING ENVIRONMENT

(51) International classification	:H04B 7/26, H04M 1/72	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SAPRE , SHREENIWAS NARHAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method(s) for increasing processing capabilities of a computing system in a distributed parallel computing environment by optimizing the communication are described. In said implementation, a number of nodes for parallel computing are determined. The node may represent a processor capable of computing in a distributed parallel computing environment. A matrix representing data may be divided into tiled matrices based on the number of nodes and a block set may be formed based on the principle of block design and the number of nodes. Each block of the block set may represent one node from amongst several nodes of the distributed parallel computing environment. Further, the tiled matrices may be distributed among the plurality of nodes based on the formed block set to optimize communication for distributed processing.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2092/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF TAPENTADOL FOR PARENTERAL ADMINISTRATION

(51) International classification	:A61K31/137, A61K9/00	(71) Name of Applicant : 1)TORRENT PHARMACEUTICALS LTD. Address of Applicant :TORRENT HOUSE,OFF ASHRAM ROAD, NEAR DINESH HALL,AHMEDABAD 380 009, GUJARAT,INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUNIL SADANAND NADKARNI
(87) International Publication No	:N/A	2)JAYA ABRAHAM
(61) Patent of Addition to Application Number	:NA	3)KAPIL KHATRI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a pharmaceutical composition of tapentadol for parenteral administration which provides prolonged release of tapentadol. Present invention also relates to the process of preparation of pharmaceutical composition of tapentadol for parenteral administration and its use in the treatment of pain.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2094/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OBTAINING PURIFIED DRINKING WATER FROM BOILER BLOWDOWN IN THERMAL AND NUCLEAR POWER PLANT

(51) International classification	:F01K13/00, F01K17/02	(71) Name of Applicant : 1)KAPSE ARVIND ASHOK Address of Applicant :F.N.5, CHANDRADARSHAN SOC., TAGORE NAGAR, DGP NAGAR 1, NASIK-422006 & AT.KAHANDALWADI ,WAVI,TAL.SINNER, DIST.NASIK- 422104 Maharashtra India 2)RAJENDRA NAVNATH PAWAR
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)KAPSE ARVIND ASHOK 2)RAJENDRA NAVNATH PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to obtaining the heat and mass recovery of boiler blowdown waste water. It consist of flash tank (2), blowdown inlet pipe (1), drain water pipe (3), flash steam conducting pipe (4), condenser (5), outlet pipe of condenser 6 and water collecting tank (7). The main principle of this method is to condensed the flash steam of blowdown water and converts it into water. The obtained condensed water can be used for various applications / purposes. Hie noteworthy advantages of this method are very operationally simple, efficient and cost effective.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2095/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : READY TO INSTALL BIOGAS PLANT

(51) International classification	:C02F11/04	(71) Name of Applicant : 1)CHANDAK AJAY GIRDHARILAL Address of Applicant :'SHAMGIRI', AGRA ROAD, OPP.SWAGAT LODGE, DEOPUR, DHULE: 424 005, STATE:MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)CHANDAK AJAY GIRDHARILAL 2)CHANDAK ANURAG AJAY 3)PATIL SHAM DASHARATH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	4)N/A

(57) Abstract :

Ready to Install Biogas Plant is provided. Ready to Install Biogas Plant includes a digester with projected pockets on the wall permitting inlet and outlet pipe connections between the projected pockets and inlet and outlet chambers. Foundation blocks with interlocking or fixing arrangement are provided to fix the guide pipe in the center of the digester. Gasholder which concentrically mounted on the guide pipe and can slide in vertical direction is provided. Guide pipe is provided with locking arrangement not to allow the gasholder to come off the guide pipe.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2115/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN IMPROVED AND COMPACT SUPER EFFICIENT, PACKAGED, GAS FIRED, FIRETUBE (SMOKE TUBE) BOILER

(51) International classification	:G06F17/00	(71) Name of Applicant : 1)TRANSPARENT ENERGY SYSTEMS PRIVATE LIMITED Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR, BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE-411 037, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)ATRE ASHOK DATTATRAYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Invention relates to an improved and compact super efficient, packaged, gas fired, fire tube (smoke tube) condensing boiler. The said boiler comprises a main boiler shell 2 of cylindrical shape with two pass fire tube assembly; a furnace, with a fuel burner 1 concentrically provided at front end and other end opening connected to fire tubes of the boiler, placed adjacent to the said boiler shell; an economizer 3 unit formed integrally in the boiler unit 2 separated from the boiler shell in the flue gas path having economizer 3 water tube s therein. The out let path of flue gas of economizer 3 is connected to inlet on the top of the water pre-heater 3 of cylindrical shape having water tubes; the outlet path of the said pre-heater flue gas connected to the chimney. A forced draft fan 11 provided to the air inlet of said furnace through a combustion air pre-heater 5. The said water pre-heater 4 inlet of water tube connected to feed water tank and outlet connected through the three way control valve to the deareator tank 8 and to the feed water tank passing the tubes in the air pre-heater. The outlet of deareator tank 8 connected to the inlet of economizer 3 water tube. The feed water inlet of boiler connected to the outlet of water tube of economizer 3. And water pre-heater 4 is having conical shape bottom with an outlet having condensate removing system controlled valve below the said flue gas out let path to chimney.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2108/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUSED HETEROCYCLIC COMPOUNDS AND USES THEREOF

(51) International classification	:A61K 31/7052	(71) Name of Applicant : 1)SEKAR , NETHI Address of Applicant :DEPARTMENT OF DYESTUFF TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY, NATHALAL PAREKH MARG,MATUNGA, MUMBAI 400019. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SEKAR, NETHI
(62) Divisional to Application Number	:NA	2)DESHMUKH , MININATH
Filing Date	:NA	

(57) Abstract :

Fused heterocyclic compounds of the formula (I): wherein R and R may be each independently selected from the group consisting of Hydrogen, alkyl group, -COO(alkyl); R and R may join together to form a heterocyclic residue in which the heterocyclic residue may be optionally substituted. These substituents may be selected from a group consisting of carbonyl group, oxo group, dioxo group and its tautomeric forms; R3 may be selected from a group consisting of Hydrogen, alkyl, cyano, nitro, carboxy, halogen, carbonyl, carbamoyl, sulfonyl, hydroxy, hydroxy alkyl, ester group; Z may be selected from a group of atoms consisting of Oxygen, Sulphur, or Nitrogen; The ring A may be selected from a group consisting of optionally substituted heterocyclic ring. These substituents may be selected from a group consisting of any organic residue, alkyl, carbonyl group, oxo group, dioxo group, carboxy group, nitro group, cyano group, and its tautomeric forms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2109/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CYSTEINYL LEUKOTRIENE ANTAGONISTS

(51) International classification	:A61K31/4353,A61K9/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUN PHARMA ADVANCED RESEARCH COMPANY LTD.

Address of Applicant :17/B MAHAL INDUSTRIAL
ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E),
MUMBAI :400093, MAHARASHTRA, INDIA

(72)Name of Inventor :

1)MR . RATHOD RAJENDRASINH

2)MR . BHATT , TUSHAR

3)MR . JOSHI , KIRITKUMAR

4)MS . DOLE , BINAKA

5)DR.MURTY , KADIYALA V.S .N

6)DR . THENNATI RAJAMANNAR

(57) Abstract :

The present invention relates to novel cysteinyl leukotriene (specifically LTD4) antagonists, mainly to quinolin, quinoxaline or benz[c]thiazole derivatives represented by the general formula (I), or the pharmaceutically acceptable salt thereof, process of preparation thereof, and to the use of the compounds in the preparation of pharmaceutical compositions for the therapeutic treatment of disorders related to cysteinyl leukotriene, in mammals, more specially in humans.

No. of Pages : 117 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2120/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF HIGHLY PURE PALIPERIDONE

(51) International classification	:C07D471/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:2543/MUM/2010
Filed on	:14/09/2010
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEGAFINE PHARMA(P)LTD.

Address of Applicant :4TH FLOOR,SETHNA
,55,MAHARSHI KARVE ROAD, MARINE LINES,MUMBAI-
400 002,MAHARASHTRA, INDIA

(72)Name of Inventor :

1)MATHAD VIJAYAVITTHAL THIPPANNACHAR

2)SOLANKI PAVANKUMAR VRAJLAL

3)SEKHAR BABU UPPELLI

4)PANDIT BHUSHAN SUDHAKAR

(57) Abstract :

An improved process for the preparation of pure paliperidone which is substantially free from impurity namely, keto paliperidone. 3-(2-chloroethyl)-9-hydroxy-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidin-4-one is condensed with 6-fluoro-3-piperidin-4-yl-1,2-benzisoxazole hydrochloride or a salt thereof in the presence of solvent, base and a catalyst to obtain crude paliperidone. The crude paliperidone is purified by treating it with solvent in presence of base at reflux temperature to obtain clear solution which is cooled to crystallizing out pure paliperidone.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2121/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR STP LINKING THE VARIANCES IN CORPORATION ACTION EVENTS RECEIVED FROM MULTIPLE AGENTS

(51) International classification	:A47F3/02,A47F5/02,A47F7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA

(72)**Name of Inventor :**

**1)GUPTA DEVESH
2)AGARWAL RAHUL**

(57) Abstract :

A method and system for automatic linking of variances captured from plurality of agents or counterparties related to a composite market event from a capital market is disclosed. The method of the present invention enables a creation of golden copy for each of the corporate action event. Based on the matching criteria for each of the corporate action event with the multiple variable data received from the agent/counterparties, the agent variable data is attached to the golden copy created for each event using straight-through processing (STP). As a result of the STP linkage of agent variable events with the golden copy of the event, the agent/counterparty variable information and market composite information for the event is displayed on the single screen to the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2112/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL POLYMORPHIC FORM OF ETHACRYNIC ACID AND SODIUM ETHACRYNATE

(51) International classification	:A61K31/192,A61P29/00,A61P35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ENALTEC LABS PRIVATE LIMITED.

Address of Applicant :17TH FLOOR,KESAR SOLITAIRE,PLOT NO.5 SECTOR-19,SANPADA,NAVI, PIN CODE-400705 Maharashtra India

(72)**Name of Inventor :**

1)SIVA KUMAR VENKATA BOBBA

2)ESWARA RAO KODALI

3)GIRISH BANSILAL PATEL

4)SANJAY DASHRATH VAIDYA

5)ALOK PRAMOD TRIPATHI

(57) Abstract :

The present invention provides novel polymorphic form of ethacrynic acid herein after refer as crystalline form I and novel polymorphic form of sodium ethacrynate herein after refer as crystalline form II. The present invention further provides processes for preparing crystalline form I of ethacrynic acid and crystalline form II of sodium ethacrynate and pharmaceutical composition thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2127/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CRANK AND LEVER WAVE CONVERTER

(51) International classification	:F16H21/00	(71) Name of Applicant : 1)ENVIRO BULK HANDLING SYSTEMS PVT. LTD.PUNE (INDIA) Address of Applicant :ENVIRO BULK HANDLING SYSTEMS PVT. LTD.PUNE (INDIA) Enviro House Sector No. 26 Plot No. F/12 Near Sambhaji Chowk Nigdi- Pradhikaran Pune- 411044 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)Milind Madhukar Dixit Director 2)Prashant Madhukar Puppal Director
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Waves of the ocean are tapped by the float of the converter, which results in its upwards vertical push on float. This upward direction of float is anticipated by the corresponding cross head of shaft. Cross head has two brackets on its either ends, which do the job of holding this shaft. This particular mechanical push is conveyed to the other end by boom. At the other end, boom ends in a bracket which holds the half shafts at the either ends. These shafts are mounted on a bearing at both the ends, which make the moment of the shaft, precise, and confined in that axis of rotation. At the outermost ends of shafts, there is mated pump joint which actually pumps fluid with this mechanical input. This fluid is then transmitted to a fluid coupling that gives the drive to a generator and electric current is produced.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2138/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REAR BLOWER WITH MODE SELECTION

(51) International classification	:F04D17/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BEHR INDIA LTD

Address of Applicant :GATE NO.626/1/2 & 622/1/0,29TH
MILESTONE,PUNE-NASIK HIGHWAY,VILLAGE
KURULI,TALUK KHED,PUNE-410501, MAHARASHTRA,
INDIA

(72)Name of Inventor :

1)PARTHASARATHI GARIKIPATI

2)SURAJ SATHYANARAYAN

3)KULKARNI MITHUL KISHOR

(57) Abstract :

A rear blower with a mode selection means, comprising: a blower scroll; an impeller housed rotatable inside blower scroll; an inlet face opening in fluid communication with the cool air of the cabin of the vehicle; an inlet face flap swiveling about a pivot to selectively open or close said inlet face opening according to the mode selected by the rear passengers; an inlet foot opening in fluid communication with the hot air from the HVAC foot vicinity area or the cabin of the vehicle via an inlet foot duct; an inlet foot flap swiveling about a pivot for selectively opening or closing said inlet foot opening; and an outlet face opening and an outlet foot opening configured to be opened and closed such that on opening said outlet face opening, said outlet foot opening closes and vice-versa; wherein, a mode selection is provided inside the vehicle for selecting a preferred mode by the rear passengers for activating either the face mode or the foot mode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2139/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AIR DISTRIBUTION BY TWO CONCENTRIC FLAPS

(51) International classification	:B60H1/00	(71) Name of Applicant : 1)BEHR INDIA LIMITED Address of Applicant :GATE NO.626/1/2 & 622/1/0 29 MILESTONE,PUNE-NASIK HIGHWAY, VILLAGE- KURULI,TALUK-KHED, PUNE-410501,MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SURAJ SATHYANARAYAN
Filing Date	:NA	2)AMOL BALIRAM WANJARE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-flap air distribution system for distribution of air from an HVAC system, said multi-flap air distribution system, comprising a moveable outer flap; a moveable inner flap; and a fixed flap casing; wherein said inner flap is disposed inside said outer flap in a concentric manner to be moveable inside said flap casing in a relative movement with respect to each other with a predefined constrained movement inside said flap casing to allow different flap openings by disposing said plurality of said rib structures of said outer flap and said inner flap on said rib structures of said flap casing in their various combinations for constrained movement within said flap casing to obtain different modes of configuration for the distribution of air from HVAC system according to the respective intended applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2129/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LIPOPOLYSACCHARIDE AND HIGH FAT DIET INDUCED MODEL FOR INSULIN RESISTANCE, TYPE II DIABETES MELLITUS AND OBESITY

(51) International classification	:G01N33/579	(71) Name of Applicant : 1) K.B.INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH Address of Applicant : K.B.INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH KADI PHARMACY CAMPUS, GATE NO: 1, SECTOR 23, GH-06 ROAD GANDHINAGAR-382023. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to Lipopolysaccharide (LPS) and High fat diet-induced model for insulin resistance, type II Diabetes mellitus and obesity. The present invention further relates to Lipopolysaccharide and high fat induced mammalian model suitable for pharmacological screening that simulate metabolic characteristics of insulin resistance, human type II diabetes mellitus and obesity.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2140/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVELOPMENT OF INK-JET PRINTABLE CONDUCTING POLYANILINE BASED INK FOR FLEXIBLE ELECTRONICS APPLICATION

(51) International classification	:C09D11/02	(71) Name of Applicant : 1)SECRETARY,DEPARTMENT OF INFORMATION TECHNOLOGY (DIT) AND Address of Applicant :MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY,GOVERNMENT OF INDIA,ELECTRONICS NIKETAN,6,CGO COMPLEX,LODHI ROAD,NEW DELHI 110003,INDIA.
(31) Priority Document No	:NA	2)EXECUTIVE DIRECTOR,CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET).
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KULKARNI MILIND
(62) Divisional to Application Number	:NA	2)KALE BHARAT
Filing Date	:NA	3)APTE SANJAY
		4)NAIK SONALI
		5)SONAWANE RAVINDRA
		6)AMBEKAR JALINDAR
		7)MARIMUTHU R.

(57) Abstract :

The present invention provides a process for the preparation of conductive polymer based ink for printing IDT pattern or conductive pattern on untreated flexible polymer substrates for electronic devices by employing a single step and single pot oxidative in-situ polymerization process; the conductive polymer based ink obtained via single step in-situ polymerization process comprises the desired viscosity as required for ink-jet printer design.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2150/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WATER PURIFICATION DEVICE

(51) International classification	:C02F 1/28	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT, MUMBAI 400021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATIL,RAJSHREE
(87) International Publication No	: NA	2)AHMAD,DILSHAD
(61) Patent of Addition to Application Number	:NA	3)KAUSLEY,SHANKAR
Filing Date	:NA	4)MALHOTRA,CHETAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein relates to a water purification device (104) for purification of water. The water purification device (104) includes a filtration unit (116), a primary disinfectant unit (118), and a secondary disinfectant unit (120). The filtration unit (116) includes a plurality of permeable membranes (302) and is configured to filter particulate matter present in the water to provide Filtered water, The filtered water is treated by the primary disinfectant unit (118) having at least one metal disinfectant treated porous media (402) to inactivate a first portion of microbial contaminants present in the filtered water. Further, a second portion of the microbial contaminants present in the filtered water is inactivated by the secondary disinfectant unit (120) having at least one oxidizing agent releasing component (502).

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2151/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR WATER PURIFICATION

(51) International classification	:C02F 1/28	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT,MUMBAI 400021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATIL,RAJSHREE
(87) International Publication No	:N/A	2)AHMAD,DILSHAD
(61) Patent of Addition to Application Number	:NA	3)KAUSLEY,SHANKAR
Filing Date	:NA	4)MALHOTRA,CHETAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein relates to a water purification device (104) for purification of water. The water purification device (104) includes a primary disinfectant unit (116) and a secondary disinfectant unit (118). The primary disinfectant unit (116) includes at least one silver treated porous media (302) configured to deactivate a first portion of microbial contaminants present in the water. Further, a second portion of the microbial contaminants present in the water is deactivated by the secondary disinfectant unit (118) having at least one halogen releasing component (402).

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2165/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING BACKBONE VLAN IDENTIFIERS

(51) International classification	:H04L 12/24	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY,BOMBAY Address of Applicant :POWAI,MUMBAI 400076, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GUMASTE ASHWIN 2)BHAMARE DEVAL
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatuses for allocating backbone virtual local area network identifiers (BVIDs) to connection requests in a provider backbone bridging-traffic engineering (PBB-TE) network are described. During operation, a system (e.g., a network management system) can receive a set of connection requests for a set of connections that are desired to be set up in the PBB-TE network. Next, the system can allocate a BVID to each connection request in the set of connection requests so that conflicting connections in the PBB-TE network have different BVIDs.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2122/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR INTEGRATING EVENT PROCESSES IN INVESTMENT BANKING AND CUSTODY LINES OF BUSINES

(51) International classification	:G06Q40/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)GUPTA DEVESH
(61) Patent of Addition to Application Number	:NA	2)AGARWAL RAHUL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for integration of corporate action event processing by multiple LOBs in a capital market is disclosed. The method of the present invention enables identification of common and distinct functionalitiesbehaviors of each of the IB and custodian LOBs dealing with the processing of the corporate action events. Based on the nature of the received event, the analysis is done to determine whether the received event is meant for Investment Bank (IB) LOB or Custodian LOB. As a result of the determination, the details related to the said event processed by either IB LOB or custodian LOB is displayed to the user on a single user interface module configured to display the details of the corporation events handled by both of the LOBs. i.e. IB LOB and Custodian LOB.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2141/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVELOPMENT OF POLYANILINE-MULTIWALLED CARBON NANOTUBES COATED ELECTRICALLY CONDUCTIVE FABRICS.

(51) International classification	:C08J 3/00	(71) Name of Applicant : 1)SECRETARY,DEPARTMENT OF INFORMATION TECHNOLOGY (DIT) AND Address of Applicant :MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY,GOVERNMENT OF INDIA,ELECTRONICS NIKETAN,6,CGO COMPLEX, LODHI ROAD,NEW DELHI 110003,INDIA.
(31) Priority Document No	:NA	2)EXECUTIVE DIRECTOR,CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET).
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KULKARNI MILIND
Filing Date	:NA	2)KALE BHARAT
(62) Divisional to Application Number	:NA	3)APTE SANJAY
Filing Date	:NA	4)NAIK SONALI
		5)AMBEKAR JALINDAR
		6)SONAWANE RAVINDRA
		7)AMALNERKAR DINESH

(57) Abstract :

The present invention provides a process for the preparation of an electrically conductive fabric for wearable electronic applications wherein the electrically conductive fabric is prepared by simple dipping and dying the fabric in a dispersion comprising the nanocomposites of conducting polymer and functionalized carbon nanotubes; the electrically conductive fabric of the present invention is a fabric coated with nanocomposites of conducting polymer and carbon nanotubes and having an electrical conductivity (resistance) of 1-2 KΩ.

No. of Pages : 50 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2145/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PRESSURE LINE

(51) International classification	:F16L9/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:515/MUM/2007
Filed on	:20/03/2007

(71)Name of Applicant :

**1)LUK LAMELLEN UND KUPPLUNGSBAU
BETEILIGUNGS KG**

Address of Applicant :INDUSTRIESTRASSE 3,77815
BUEHL, GERMANY

(72)Name of Inventor :

**1)THOMAS RAMMHOFER
2)IOANA KRAHTOVA
3)EDGAR HUMMEL
4)BOGLARKA SZAMOS
5)DOMINIQUE FRISON**

(57) Abstract :

The invention relates to a pressure piping for a hydraulic system for a clutch actuation, consisting of at least one partial section of a plastic pipe with an outer diameter $\geq D$ and an inner diameter d, wherein a comparison value $k = (D_2 + d_2)$ of the plastic pipe is smaller than 70 mm², with which on the one hand the response frequency can be pushed to smaller values, in order to reduce the noise transmission in the passenger cabin, and on the other hand has a stiffness, which allows a power saving formation, and flexible laying in the vehicle space.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2158/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TWIN ROLLER ASSEMBLY

(51) International classification	:B02B3/04	(71) Name of Applicant : 1)UNIVERSAL CONSTRUCTION MACHINERY & EQUIPMENT LTD. Address of Applicant :GATE NO.327/328/329,A/P-SHIVARE,TAL.BHOR,DIST.-PUNE-411005. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a twin roller assembly for supporting and guiding a concrete mixing drum. The twin roller assembly includes a base having a bracket mounted thereon, a shaft positioned on the bracket, a first bracket plate mounted on a first end, of the shaft and a second bracket plate mounted on a second end of the shaft, a top roller assembly and a bottom roller assembly. The twin roller assembly provides a rigid support and quick alignment for the mixing drum of the concrete mixer. Further, the twin roller assembly provides support for mixing drum which has strength. Furthermore, the twin roller assembly support for mixing drum provides less vibration as compared to prior art rollers.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2146/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR MONITORING A VOICE IN REAL TIME

(51) International classification	:G06F 17/30	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KOPPARAPU, SUNIL KUMAR
(87) International Publication No	:N/A	2)PANDHARIPANDE, MEGHNA ABHISHEK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system and a method for real-time monitoring and analyses of a conversation of an agent by capturing and processing a plurality of features of the speech of the agent during the conversation with the caller. The system and method further provides a monitoring device for detecting a variation in the conversation, detecting location of the caller and suggesting location specific vocabulary. The system and method also provides an alert engine for transmitting an alert in real-time at the agent console.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2148/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A FRUGAL METHOD AND SYSTEM FOR CREATING SPEECH CORPUS

(51) International classification	:G10L 15/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KOPPARAPU SUNILKUMAR
(87) International Publication No	:N/A	2)SHEIKH IMRAN AHMED
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a frugal method for extraction of speech data and associated transcription from plurality of web resources (internet) for speech corpus creation characterized by an automation of the speech corpus creation and cost reduction. An integration of existing speech corpus with extracted speech data and its transcription from the web resources to build an aggregated rich speech corpus that are effective and easy to adapt for generating acoustic and language models for (Automatic Speech Recognition) ASR systems.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2149/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPLICATION PERFORMANCE MEASUREMENT AND REPORTING

(51) International classification	:H04L 29/08	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT, MUMBAI 400021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)CHATTERJEE,SWARUP 2)SAHA CHOWDHURY,KALLOL 3)SENGUPTA. SOMNATH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods related to performance measurement and reporting are described. In one method, a first application is profiled in a first profiling session to generate a first parameter dataset related to performance of segments of the first application. A session report is created based on the first parameter dataset. Further, based in part on the session report, comments for one or more of the segments of the application are received. A consolidated report is then generated based on the first parameter dataset and the comments.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2160/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MECHANISM FOR OPERATING A VACUUM PUMP AND A HIGH PRESSURE PUMP

(51) International classification	:F04D 19/04	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R&D CENTER,AUTO SECTOR,89,M.I.D.C.,SATPUR,NASHIK-422007 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAVI KANT GAWHADE;
(87) International Publication No	:N/A	2)PURUSHOTTAM DATTATRAY KULKARNI
(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 discloses a mechanism for operating a vacuum pump and a high pressure pump using drive from engine of an automobile. The high pressure pump includes a first drive shaft for mounting a sprocket wheel thereon and the vacuum pump includes a second drive shaft. The mechanism includes a nut having an internally threaded portion and a slot configured on one end thereof. The first drive shaft of the high pressure pump is secured to the to the internally threaded portion and the second drive shaft of the vacuum pump is secured to the slot.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2161/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PREPARING IMIPENEM AND ITS MONOHYDRATE

(51) International classification	:C07D 477/20	(71) Name of Applicant : 1)FRICHEM PRIVATE LIMITED Address of Applicant :12,CONCORD,BULLOCK ROAD,BAND STAND,BANDRA WEST,MUMBAI-400 050, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)KUMAR,RAJIV 2)CHAUHAN,YOGENDRA KUMAR 3)DESAI, SHYAMAL N. 4)JARSANIA, SAMIR 5)PATEL, BRIJESH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein is a process for preparing imipenem monohydrate in crystalline form having color value of less than about 0.15 Absorbance Unit.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2162/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COIN SACHET VENDING MACHINE

(51) International classification	:G07F 11/36	(71) Name of Applicant : 1)KUSTERS ENGINEERING INDIA PVT. LTD. Address of Applicant :GROUND FLOOR,MASTERMIND 2,ROYAL PALMS ESTATE,AAREY COLONY,GOREGAON EAST,MUMBAI-400065, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HARI SANKAR (DECEASED)
(87) International Publication No	:N/A	2)FINNEY JACOB
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system and method for dispensing coins packed in a sachet. The coin sachets are dispensed from a hopper through one or more conveyor assemblies drum and swing tray disposed inside a cabinet. The novel invention disclosed here is capable of dispensing correct amount of coins and will return sachet containing less coins to the hopper.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.527/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR SCHEDULING RADIO ACTIVITIES FOR MULTIPLE RAT MODULES SHARING ONE ANTENNA IN A COMMUNICATIONS APPARATUS AND COMMUNICATIONS APPARATUSES UTILIZING THE SAME

(51) International classification	:H04W 72/04	(71) Name of Applicant : 1)MEDIATEK INC. Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN, R.O.C. Taiwan
(31) Priority Document No	:61/512, 706	(72) Name of Inventor :
(32) Priority Date	:28/07/2011	1)TZUI LU
(33) Name of priority country	:U.S.A.	2)HSIN-JU LEE
(86) International Application No	:NA	3)JUI-PING LIEN
Filing Date	:NA	4)YI-TING CHANG
(87) International Publication No	:N/A	5)CHIH-YUNG SHIH
(61) Patent of Addition to Application Number	:NA	6)YI-CHUN WEI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication apparatus is provided. A processor is coupled to first and second RAT radio access technology (RAT) modules and a radio transceiver is shared by the first and second RAT modules. The processor comprises first processor logic for arranging radio activity(ies) for the second RAT module to operate in an idle mode and continue transceiving message(s) in a second wireless network via the radio transceiver according to a first scheduling algorithm when the first RAT module operates in the idle mode, and second processor logic for arranging the radio activity(ies) for the second RAT module to operate in the idle mode and continue transceiving the message(s) in the second wireless network via the radio transceiver according to a second scheduling algorithm when the first RAT modules leaves the idle mode and enters a data mode to perform data transfer in a first wireless network via the radio transceiver.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.741/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN APPARATUS FOR ENCODING A MULTI-VIEW IMAGE□

(51) International classification	:H04N13/00
(31) Priority Document No	:60/907,614
(32) Priority Date	:11/04/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2008/001262
Filing Date	:06/03/2008
(87) International Publication No	:WO/2008/126986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2018/MUMNP/2009
Filed on	:28/10/2009

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

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(72)**Name of Inventor :**

1)CHOI Jong-Bum

2)SHIM Woo-Sung

3)SONG Hak-Sup

4)MOON Young-Ho

(57) Abstract :

A Method and apparatus for encoding and decoding a multi-view image are provided. The method of encoding a multi-view image includes determining whether each of pictures included in multi-view image sequences is a reference picture referred to by other pictures included in the multi-view image sequences for inter-view prediction and encoding the pictures using at least one of inter-view prediction and temporal prediction based on the determination result thereby efficiently encoding and decoding the multi-view image at high speed. [Fig.3]

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.742/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ROLLING PROJECTILE WITH EXTENDING AND RETRACTING CANARDS

(51) International classification	:F42B 10/00
(31) Priority Document No	:12/912,252
(32) Priority Date	:26/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003543
Filing Date	:17/06/2011
(87) International Publication No	:WO/2012/056267
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KMS CONSULTING LLC

Address of Applicant :14 Cottagewood Lane Kennebunk
Maine 04043 USA. U.S.A.

(72)Name of Inventor :

1)MARCELO EDGARDO MARTINEZ

(57) Abstract :

A slow rolling projectile comprises a projectile body has a forward section and a rear section and having a longitudinal axis. Two or more canards in the forward section are capable of being extended from and retracted into the projectile body at predetermined frequencies and/or for predetermined times. Two or more tail fins in the rear section are fixed coextensive to or at an angle to the longitudinal axis and an actuator extends and retracts the canards. The canards are capable of being extended and retracted at a rate based on the rotation of the projectile sufficient to correct for lateral movement. A GPS or INS navigational system activates an actuator to extend and retract the canards.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.743/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR DEPOSITING A METAL ONTO A POROUS CARBON LAYER□

(51) International classification	:C04B 35/528
(31) Priority Document No	:0904494
(32) Priority Date	:21/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000632
Filing Date	:20/09/2010
(87) International Publication No	:WO/2011/033196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc Btiment « Le Ponant D
» 75015 Paris FRANCE

(72)Name of Inventor :

1)FOUDA-ONANA Frdric

2)GUILLET Nicolas

(57) Abstract :

The invention relates to a method for depositing a metal M1 onto a carbon layer as well as to a method for manufacturing an electrode for fuel cells and to a method for manufacturing a fuel cell. The method for depositing a metal M1 onto a porous carbon layer according to the invention includes a step of depositing said metal M1 by means of the electrochemical reduction of an electrolytic solution of a salt of the metal M1 and prior to said step of depositing the metal M1 by means of electrochemical reduction a step of depositing a metal M2 by means of chemical reduction using a reducing gas of a salt of the metal M2 the thermodynamic equilibrium potential between the ionic form of the salt of M2 and M2 Eeq ionic form of the salt of....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2119/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR DISTANCE EDUCATION BASED ON ASYNCHRONOUS INTERACTION

(51) International classification

:G09B5/08,G09B7/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING,9TH FLOOR,
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INDIA

(72)Name of Inventor :

1)GHOSH HIRANMAY

2)SHROFF GAUTAM

3)PAL ARPAN

4)DASGUPTA RANJAN

5)OBEROI TAVLEEN

6)WATTAMWAR SUJAL SUBHASH

7)CHAKRAVARTY KINGSHUK

(57) Abstract :

The invention facilitates asynchronous interaction between a geographically separated facilitator and at least one user. The said invention provides asynchronous interaction between rural classrooms (teacher-student community) and expert teachers to increase the outreach of the expert teachers much beyond that is permitted with the teachings of the prior art.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2131/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION OF CINNARIZINE

(51) International classification :A61K31/495,A61K31/515,A61P25/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)K.B.INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH
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(72)**Name of Inventor :**
1)MR.DHARMIK M.MEHTA
2)DR.GAURANG B SHAH
3)DR.A.K.SHUKLA
4)DR.PRAGNA K SHELAT
5)MR. DIVYANG J.DAVE
6)MR.PUNIT B.PAREJIYA

(57) Abstract :

The present invention is related to a pharmaceutical composition of cinnarizine wherein the composition is in the form of capsule shell filled with one or more immediate release component and one or more sustained release component wherein the sustained release component is having mucoadhesive property and is enteric coated. The present invention is also relates to the process of preparing the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2168/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR LOCATION BASED VERIFICATION OF TRANSACTIONS

(51) International classification	:G06Q 40/00	(71) Name of Applicant : 1)BIPIN PRABHAKAR DESHPANDE Address of Applicant :43/19, KARVE ROAD,ERANDAVANE,PUNE-411 004, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)BIPIN PRABHAKAR DESHPANDE
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method to validate access to a transactional account is provided. The system and method verifies physical presence of a rightful owner/user of a confidential account (for e.g. monetary account) with a transaction location before processing the transaction, thereby preventing fraudulent transactions. Ref.

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.744/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELASTIC CLIP FOR RAILROAD RAIL FIXING AND THIS ESTABLISHMENT METHOD

(51) International classification	:E01B 9/28, E01B 9/30
(31) Priority Document No	:10-2010-0111925
(32) Priority Date	:20/09/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/006685
Filing Date	:08/09/2011
(87) International Publication No	:WO/2012/039557
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAMPYO ENGINEERINGCONSTRUCTION LTD.

Address of Applicant :9th Floor KoreanRe Bldg. 80 Susong-dong Jongno-gu Seoul Republic of Korea.

(72)Name of Inventor :

1)RYOU Ki Tae

2)YOU Eung Dae

(57) Abstract :

Provided is an elastic clip for fixing a railway rail. The elastic clip for fixing the railway rail includes a head arch a first front arch a first toe a second front arch and a second toe. The head arch has a front end thereof inserted into a clip shoulder of a base plate or a tie. The first front arch integrally extends from the head arch and is upwardly curved in an oblique direction. The first toe integrally extends from the first front arch and has a bottom thereof contacting a top of a flange of a rail. The second front arch integrally extends from the first toe and is upwardly curved in an oblique direction. The second toe integrally extends from the second front arch and has a top of a front end of thereof contacting a bottom of the head arch.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.745/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTROLLING RULES AND VARIABLES FOR CUTTING

(51) International classification	:B23K 26/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/063122
Filing Date	:08/10/2009
(87) International Publication No	:WO/2011/042058
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOMOLOGIC AB

Address of Applicant :c/o Sting Teknikringen 33 S-114 28
Stockholm Sweden Sweden

(72)Name of Inventor :

1)NORBERG OHLSSON Magnus

(57) Abstract :

The present invention relates to a method and a system for machine cutting several parts (31 32 33 34) out of a piece of material using a beam cutting technology. The invention provides a set of controlling rules and variables for cutting two dimensional shapes or patterns. One rule or a combination of several rules are used for the cutting operation depending on the shape or pattern to be cut the shape or pattern forming the parts (31 32 33 34) out of the piece of material. The present invention specifically teaches that the set of controlling rules comprises rules for the forming of a cluster (3A) of parts with free form shapes the parts being positioned so close to each other so that only the thickness of one cut made by the cutting beam is found between adjacent parts whenever the shape of the parts allows it.

No. of Pages : 34 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.746/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification	:A61K31/00	(71) Name of Applicant :
(31) Priority Document No	:61/244,412	1)ASTUTE MEDICAL INC.
(32) Priority Date	:21/09/2009	Address of Applicant :Blg. 2 R. 645 3550 General Atomics Court San Diego CA 92121 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/049695	1)ANDERBERG Joseph
Filing Date	:21/09/2010	2)GRAY Jeff
(87) International Publication No	:WO/2011/035323	3)MCPHERSON Paul
(61) Patent of Addition to Application Number	:NA	4)NAKAMURA Kevin
Filing Date	:NA	5)KAMPF James Patrick
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using a plurality of assays one or more of which is configured to detect a kidney injury marker selected from the group consisting of metalloproteinase inhibitor 2 soluble oxidized low-density lipoprotein receptor 1 interleukin-2 von Willebrand factor granulocyte-macrophage colony-stimulating factor tumor necrosis factor receptor superfamily member 11B neutrophil elastase interleukin-1 beta heart-type fatty acid-binding protein beta-2-glycoprotein 1 soluble CD40 ligand coagulation factor VII C-C motif chemokine 2 IgM CA 19-9 IL-10 TNF-a and myoglobin as diagnostic and prognostic biomarkers in renal injuries.

No. of Pages : 137 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2012

(21) Application No.747/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYNTHESIS OF FLUOROCARBOFUNCTIONAL ALKOXYLINES AND CHLOROSILANES

(51) International classification	:C07F 7/14
(31) Priority Document No	:P.388929
(32) Priority Date	:01/09/2009
(33) Name of priority country	:Poland
(86) International Application No	:PCT/PL2010/000072
Filing Date	:16/08/2010
(87) International Publication No	:WO/2011/028141
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Wieniawskiego 1 PL-61-712 Poznan Poland.

(72)Name of Inventor :

1)MARCINIEC Bogdan

2)MACIEJEWSKI Hieronim

3)DUTKIEWICZ Michal

4)DABEK Izabela

5)KARASIEWICZ Joanna

(57) Abstract :

The subject of invention is the method of synthesis of fluorocarbofunctional alkoxy silanes and chlorosilanes of the general formula HCF₂(CF₂)_n(CH₂)_mOC₃H₇SiR₁R₂R₃ in which - n takes values from 1 to 12 m takes values from 1 to 4 - R₁ stands for an alkoxy group or halogen if R₁ stands for an alkoxy group then R₂ and R₃ can be the same or different and stand for an alkoxy group containing C= 1-4 alkyl group containing C = 1-12 or an aryl group if R₁ stands for a halogen then R₂ and R₃ can be the same or different and stand for based on hydrosilylation of an appropriate fluoroalkyl-allyl ether with an appropriate trisubstituted silane of the general formula HSiR₁R₂R₃ in the presence of siloxide rhodium complex [{Rh(OSiMe₃)(cod)}₂] as a catalyst.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2012

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

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYNTHESIS OF FLUOROCARBOFUNCTIONAL SILSESQUIOXANES

(51) International classification	:C08G 77/04
(31) Priority Document No	:P.388931
(32) Priority Date	:01/09/2009
(33) Name of priority country	:Poland
(86) International Application No	:PCT/PL2010/000073
Filing Date	:16/08/2010
(87) International Publication No	:WO/2011/028142
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADAM MICKIEWICZ UNIVERSITY

Address of Applicant :Wieniawskiego 1 PL-61-712 Poznan Poland.

(72)Name of Inventor :

1)MARCINIEC Bogdan

2)MACIEJEWSKI Hieronim

3)DUTKIEWICZ Michal

(57) Abstract :

The subject of the invention is the method of synthesis of fluorocarbofunctional cage silsesquioxanes of the general formula in which R1 stands for HCF₂(CF₂)_n(CH₂)_mO(CH₂)₃Si(CH₃)₂O or HCF₂(CF₂)_n(CH₂)_mO(CH₂)₃ group in which n=1-12 m=1-4; R2 R3 R4 R5 R6 R7 R8 can be the same as R1 or different from it and stand all either for the (C₁-C₂₅) alkyl group or any aryl group based on hydrosilylation of fluoroalkyl-allyl ether with an appropriate hydrogensilsesquioxane in the presence of siloxide rhodium complex [{Rh(OSiMe₃)(cod)}₂] as a catalyst.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2012

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

(43) Publication Date : 01/02/2013

(54) Title of the invention : NEW (E)-STYRYL-ALKYNYL SUBSTITUTED SILICON COMPOUNDS AND METHOD OF OBTAINING (E)- STYRYL-ALKYNYL SUBSTITUTED SILICON COMPOUNDS

(51) International classification	:C07F 7/08, C07F 7/10	(71) Name of Applicant : 1)ADAM MICKIEWICZ UNIVERSITY Address of Applicant :Wieniawskiego 1 PL-61-712 Poznan Poland Poland
(31) Priority Document No	:P.389012	
(32) Priority Date	:11/09/2009	
(33) Name of priority country	:Poland	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/PL2010/000076 :20/08/2010	1)MARCINIEC Bogdan 2)DUZIEC Beata 3)RZONSOWSKA Monika
(87) International Publication No	:WO/2011/031171	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

New (E)-styryl-alkynylsubstituted silicon compounds having the generalized formula (1) are the subject of the invention. The invention also relates to a new method of obtaining (E)- styryl-alkynylsubstituted silicon compounds having the generalized formula (1). A denotes: phenylmethylsilyl 1 4-bis(dimethylsilyl)benzene 1 2-bis(dimethylsilyl)ethane 1 1 3 3-tetramethyldisilazane 1 1 3 3-tetramethyldisoxane R denotes: tri(isopropyl)silyl 1-pentyl 2-(trimethylsiloxy)-2-butyl 1-(trimethylsiloxy)-1- cyclohexyl triethylgermyl - R denotes: H or Cl and when A denotes phenylmethylsilyl then R denotes also methyl or a methoxy group. In its second aspect the inventon relates to a method of obtaining (E)-styryl- alkynylsubstituted silicon compounds having the generalized formula (1) where A R and R denote the same as stated above by way of a silylative coupling reaction between a suitable substituted styrene and a suitable vinyl-alkynylsubstituted silicon compound in the presence of a ruthenium (II) complex as catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2012

(21) Application No.751/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NEW VINYL-ALKYNYL SUBSTITUTED GERMANIUM COMPOUNDS AND METHOD TO OBTAIN VINYL- ALKYNYL SUBSTITUTED GERMANIUM COMPOUNDS

(51) International classification	:C07F 7/30
(31) Priority Document No	:P.389013
(32) Priority Date	:11/09/2009
(33) Name of priority country	:Poland
(86) International Application No	:PCT/PL2010/000077
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/031172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72) **Name of Inventor :**

1)MARCINIEC Bogdan

2)DUZIEC Beata

(57) Abstract :

New vinyl-alkynylsubstituted germanium compounds having the general formula 1 are the subject of the invention. The invention also relates to a new method of obtaining vinyl- alkynylsubstituted germanium compounds having the general formula 1. - A denotes: diethylgermyl - R denotes: triethylsilyl 1-(trimethylsiloxy)-1-cyclohexyl The invention also provides a solution to the problem of the method of obtaining vinyl- alkynylsubstituted germanium compounds having the general formula 1 involving the germylative coupling reaction between a suitable substituted terminal alkyne and a suitable divinylsubstituted germanium compound in the presence of a ruthenium(II) complex as catalyst.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.752/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ADAPTIVELY STREAMING MULTIMEDIA□

(51) International classification	:H04L 29/06
(31) Priority Document No	:61/252,621
(32) Priority Date	:16/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052943
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/047335
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CHOUDHURY Sayeed Zaman

2)VIJAYAKUMAR Rajiv K.

3)MIR Idreas

(57) Abstract :

A method system and computer program for adaptively streaming multimedia content is disclosed. An adaptive stream manager monitors at least one parameter of a user terminal. The adaptive stream manager monitors at least one parameter of the user terminal and predicting a future value of at least one parameter of the user terminal. The adaptive stream manager also selects a target characteristic based on the predicted future value of the at least one parameter of the user terminal and requests a multimedia segment having the target characteristic from a media server. [FIG: 5]

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.756/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BELT FASTENING ON THE REAR MAIN TUBE OF THE BACKREST, IDEALLY ON THE REAR FOOT SITUATED AT THE BOTTOM

(51) International classification	:B60R 22/18	(71) Name of Applicant : 1)GRAMMER AG Address of Applicant :GEORG-GRAMMER-STRASSE 2, 92224 AMBERG, GERMANY
(31) Priority Document No	:10 2011 015 347.0	(72) Name of Inventor : 1)ROLAND UEBELACKER 2)JOHANN DEML 3)ANDREJ SCHUSTJEW
(32) Priority Date	:28/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a vehicle seat (1; 101) with a seat part (2; 102), with a backrest {3; 103}, with a belt restraining system (4) and with a support structure (7; 107) for supporting the seat part (2; 102) as well as the backrest (3; 103}, in which the belt restraining system (4} comprises a belt reversal means (6; 10G) and a belt lock {5; 105} and in which the belt reversal means (6; 106) is positioned in an upper corner region (12; 112} of the backrest (3; 103} and the belt lock (5; 105) is positioned in a seat area (13; 113) of the seat part (2; 102), wherein the support structure (7; 107) has an asymmetrical framework (131) with main force braces (42; 138, 140, 142) extending substantially vertically, in which on the top side (148) of the support structure (7; 107) the main force braces (42; 138, 140, 142) converge in the junction region (16; 116) and on the underside (149) of the support structure (7; 107) a first one (138} of the main force braces (42; 138, 140, 142) is arranged on the side towards the junction region as a thrust brace guided forwards as far as a front foot (139) of the support structure, a second one (140) of the main force braces (42; 138, 140, 142) is arranged on the side towards the junction region as a tension brace at the rear guided as far as a first rear foot (141) of the support structure and a third one (42; 142) of the main force braces (42; 138, 140, 142) is arranged as a tension / thrust brace at the rear guided as far as a further rear foot (45; 145) of the Support structure, wherein a fastening means (15; 115} of the belt lock {5; 105} is arranged in the lower third or in the lower quarter of the third main force brace (42; 142).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.758/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SCHOTTKY DIODE AND PRODUCTION METHOD THEREFOR

(51) International classification	:H01L 21/78
(31) Priority Document No	:10 2011006492.3
(32) Priority Date	:31/03/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEMIKRON ELEKTRONIK GMBH & CO. KG

Address of Applicant :SIGMUNDSTRASSE 200, 90431
NUERNBERG, GERMANY

(72)Name of Inventor :

1)STEFAN STAROVECKY

2)OLGA KREMPASKA

3)MARTIN PREDMERSKY

(57) Abstract :

The application relates to a Schottky diode and a production method therefor, comprising the following essential steps: providing a semiconductor base body, preferably in the form of a wafer, having a high dopant concentration and having a first main surface, which forms the first electrical contact surface; epitaxially depositing a semiconductor layer having the same conductivity and a lower dopant concentration on that surface of the semiconductor base body which lies opposite the first main surface; arranging a first metal layer on the semiconductor layer with the formation of a Schottky contact between the first metal layer and the semiconductor layer; connecting a planar contact body to the first metal layer by means of a connecting means; forming at least one individual Schottky diode; arranging a passivation layer in the edge region of the at least one Schottky diode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.761/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VERTEBRAL COLUMN IMPLANT

(51) International classification	:A61F 2/02
(31) Priority Document No	:11160692.7
(32) Priority Date	:31/03/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Jgerstrasse 2 Technopark Winterthur
8406 Winterthur Switzerland. Switzerland

(72)Name of Inventor :

1)CLARK Jonathan

2)BRAUNSCHWEILER Reto

3)ZEHNDER Thomas

(57) Abstract :

A vertebral column implant for stabilizing and stiffening of vertebral bodies of a vertebral column comprises at least one first bone screw (3), which is screwable into a vertebral body, and at least one second bone screw (10), which is likewise screwable into a vertebral body. A first connecting element (2), which is rigid, is insertable into first receiving means (5) of the first bone screw (3). A second connecting element (9), which is elastic, is insertable into second receiving means (13) of the second bone screw. Via connecting means (16), the first connecting element (2) is connected to the second connecting element (9). The connecting means (16) are installed on a further bone screw (18) and comprise a first clamping device (20) for holding tightly the first connecting element (2) and a second clamping device (21) for holding tightly the second connecting element (9). The first clamping device (20) has a U-shaped receiving part (22) for the end region (14) of the first connecting element, which is designed spherical, a clamping means being placeable on the U-shaped receiving part (22), with which clamping means the spherical end region (14) is able to be clamped against the bottom surface (23) of the U-shaped receiving part (22). An easy-to-handle vertebral column implant is thereby obtained. is the representative figure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.761/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA IN A WIRELESS COMMUNICATION SYSTEM□

(51) International cla□sification	:H04J 11/00	(71) Name of Applicant :
(31) Priority Document No	:60/691,871	1)QUALCOMM INCORPORATED
(32) Priority Date	:16/06/2005	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2006/023585	UNITED STATES OF AMERICA
Filing Date	:16/06/2006	(72) Name of Inventor :
(87) International Publication No	:WO/2006/138623	1)WALTON Jay Rodney
(61) Patent of Addition to Application Number	:NA	2)WALLACE Mark S.
Filing Date	:NA	
(62) Divisional to Application Number	:2236/MUMNP/2007	
Filed on	:31/12/2007	

(57) Abstract :

A wireless communication network supports 802.11b/g and a range extension mode which supports at least one data rate lower than the lowest data rate in 802.11b/g. A transmitting station (which may be an access point or a user terminal) includes first and second processors. The first processor performs differential modulation and spectral spreading for a first set of at least one data rate (e.g. 1 and 2 Mbps) supported by 802.11b/g. The second processor performs forward error correction (FEC) encoding symbol mapping and spectral spreading for a second set of at least one data rate (e.g. 250 500 and 1000 Kbps) supported by the range extension mode. The transmitting station can send a transmission at a data rate supported by either 802.11b/g or the range extension mode e.g. depending on the desired coverage range for the transmission. A receiving station performs the complementary processing to recover the transmission.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2011

(21) Application No.762/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTROLLED MORPHOLOGY HIGH ACTIVITY POLYOLEFIN CATALYST SYSTEM

(51) International classification	:C08F 10/00	(71) Name of Applicant : 1)RELIANCE INDUSTRIES LTD. Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT MUMBAI 400 021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SINGH SAURABH
(87) International Publication No	: NA	2)GUPTA VIRENDRAKUMAR
(61) Patent of Addition to Application Number	:NA	3)SINGALA KAMLESH J.
Filing Date	:NA	4)PATEL VALLABHBHAI S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A high activity polyolefin catalyst system comprising titanium containing pro-catalyst component, a co-catalyst component and an external electron donor compound is provided wherein the high activity polyolefin catalyst system is having controlled morphology and less fines. The present invention is more directed to provide a method for the preparation of titanium containing pro-catalyst component from solid spherical shaped magnesium containing pro-catalyst precursor wherein the spherical morphology of the pro-catalyst precursor is maintained through out the reaction in order to achieve titanium-containing pro-catalyst having controlled morphology. The polymerization of lower olefins in the presence of high activity polyolefin catalyst having controlled morphology provides polyolefins with minimal polymer fines.

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.762/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VERTEBRAL COLUMN IMPLANT FOR STABILIZATION AND STIFFENING OF VERTEBRAL BODIES OF A VERTEBRAL COLUMN

(51) International classification	:A61B 17/70	(71) Name of Applicant : 1)Spinelab AG Address of Applicant :Jgerstrasse 2 Technopark Winterthur 8406 Winterthur Switzerland. Switzerland
(31) Priority Document No	:11160709.9	
(32) Priority Date	:31/03/2011	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor : 1)CLARK Jonathan 2)BRAUNSCHWEILER Reto 3)ZEHNDER Thomas
(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 vertebral column implant for stabilizing and stiffening of vertebral bodies of a vertebral column comprises at least one first bone screw (3), which is screwable into a vertebral body, and at least one second bone screw (10), which is likewise screwable into a vertebral body. A first connecting element (2), which is rigid, is insertable into first receiving means (5) of the first bone screw (3). A second connecting element (9), which is elastic, is insertable into second receiving means (13) of the second bone screw. Via connecting means (16), the first connecting element (2) is connected to the second connecting element (9). The connecting means (16) comprise two arms (20), (21), which form a U-shaped recess (22) and are provided on a further bone screw (18). Insertable into a first region of the U-shaped recess (22) is an end region of a first connecting element (2). Insertable into a second region of the U-shaped recess (22) is an end region of a second connecting element (9). Inserted between the two arms (20) and (21) is a pressing element (25). Placed on the arms (20) and (21) are clamping means (28), with which the pressing element (25) is pressed against said two end regions of the first and second connecting elements (2) or respectively (9). An easy-to-handle vertebral column implant is thereby obtained. is the representative figure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.768/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TRANSPARENT ELECTROCHROMIC SYSTEMS WITH A PLURALITY OF POLARISATION ELECTRODES□

(51) International classification	:G02F 1/15
(31) Priority Document No	:0956707
(32) Priority Date	:28/09/200□
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2010/052013 :24/09/2010
(87) International Publication No	:WO/2011/036420
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

- 1)ARCHAMBEAU Samuel**
- 2)BIVER Claudine**
- 3)BOVET Christian**
- 4)CANO Jean-Paul**
- 5)DULUARD Sandrine**
- 6)SAUGEY Anthony**

(57) Abstract :

The invention relates to transparent electrochromic systems (100) which each include one pair of supply electrodes (1 2) and at least one pair of polarisation electrodes (3 4). The polarisation electrodes prevent a reaction of mutual neutralisation of the electroactive substances of the systems from causing unnecessary consumption of electric current. Said electrodes also prevent a neutralisation reaction from limiting a lower value of light transmission of the systems. For this purpose the polarisation electrodes produce an electric field (E) inside the systems which attracts the electroactive substances that have already reacted with the supply electrodes to different areas. [a]

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.769/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR THE VARIED SPEED REPRODUCTION OF VIDEO IMAGES□

(51) International classification	:H04N 13/00, H04N 5/93	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do Republic of Korea
(31) Priority Document No	:61/239,113	
(32) Priority Date	:02/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2010/005928	
Filing Date	:01/09/2010	
(87) International Publication No	:WO/2011/028019	
(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 reproducing a video image is provided. The method includes reproducing a video image in a three-dimensional (3D) manner being requested to reproduce the video image at an Nx playback speed (N is a natural number equal to or greater than 2) and in response to the request reproducing the video image at the Nx playback speed. The reproducing of the video image at the Nx playback speed comprises includes reproducing the video image at the Nx playback speed in a two-dimensional (2D) manner. [Fig.2]

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2012

(21) Application No.771/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ASSOCIATING DOCUMENTS WITH CONTEXTUAL ADVERTISEMENTS □

(51) International classification	:G09F 19/00
(31) Priority Document No	:60/496,680
(32) Priority Date	:21/08/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2004/001532
Filing Date	:20/08/2004
(87) International Publication No	:WO/2005/020094
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:268/MUMNP/2006
Filed on	:08/03/2006

(71)Name of Applicant :

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Address of Applicant :416 boulevard de Maisonneuve ouest
Suite 416 Montreal Qubec H3A 1L2 Canada Canada

(72)Name of Inventor :

1)Matthew COLLEDGE

2)Marc CARRIER

(57) Abstract :

The invention provides a system and method of associating results from a query from a user directed to a search engine to advertisements associated with the search engine. In the method there are the steps of: obtaining advertisement keyword senses associated with the advertisements; disambiguating the query to identify query keyword senses associated with the query; expanding the query keyword senses to include relevant semantic synonyms for the query keyword senses to create a list of expanded query keyword senses; using the expanded keyword senses to search the advertisement keyword senses to locate relevant advertisements correlating to the query; and providing the relevant advertisements to the user. The system incorporates modules conducting steps of the method.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2012

(21) Application No.776/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INTRAVAGINAL MONITORING DEVICE AND NETWORK

(51) International classification	:A61B 5/055
(31) Priority Document No	:61/246,405
(32) Priority Date	:28/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050329
Filing Date	:27/09/2010
(87) International Publication No	:WO/2011/038310
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :c/o Al Tamini & Company 9th Floor
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Emirates. U.A.E.

(72)Name of Inventor :

1)Andrew Witold ZIARNO

2)James D. BENNETT

(57) Abstract :

An intravaginal monitoring devices (IMD) along with various supporting medical and computing devices with multiple sensors within a housing sized for at least partial insertion into a vaginal channel of a reproductive system and a communication network to assists in detection monitoring therapy delivery and efficacy evaluations of various types of physiologic conditions of the various femal reproductive systems including those related to pregnancy premature birth fertility ovulation diseases infections fluids flora pre-cancerous conditions cancer non-human animal estrus

No. of Pages : 120 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2012

(21) Application No.778/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND SYSTEM FOR REDUCING VIBRATION IN A ROTARY SYSTEM OF A VEHICLE

(51) International classification	:F16F 15/36	(71) Name of Applicant :
(31) Priority Document No	:09176603.0 (EP)	1)Lars Bertil Carnehammar
(32) Priority Date	:20/11/2009	Address of Applicant :Sonnenbergstrasse 126 CH-8032 Zürich Switzerland
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/067686	1)SEITZ Norbert
Filing Date	:17/11/2010	
(87) International Publication No	:WO/2011/061227	
(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 reducing vibration in a rotary system (120 130) of a motor vehicle for example a car (100) comprising: balancing said rotary system (120 130) characterized by providing a rotational element (300 302-306) comprising a chamber (310-312) having a fulcrum on a rotational axis (340) of said rotational element (300 302-306) comprising a circumferential balancing area (320) and being partially filled with an amount of a thixotropic balancing substance (330). A corresponding apparatus and system.

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.779/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR WIRELESS COMMUNICATION OF AUDIO IN WIRELESS NETWORKS□

(51) International Classification	:H04N 5/765, H04N 5/91	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Korea Republic of Korea
(31) Priority Document No	:61/245,180	
(32) Priority Date	:23/09/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/KR2010/006500 :20/09/2010	1)SHAO Huai-Rong 2)NGO Chiu 3)HSU Ju-Lan
(87) International Publication No	:WO/2011/037406	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and system for audio transmission in a wireless communication system which transmits digital video and digital audio in High-Definition Multimedia Interface (HDMI) format. Position information of audio packets within the HDMI frame is obtained. Digital audio information including the position information is transmitted from a data source device to a data sink device via a wireless communication medium. At the data sink device an HDMI frame is reconstructed by inserting received audio packets into horizontal and vertical blanking periods of the HDMI frame.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.780/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STEEL SHEET FOR CAN HAVING EXCELLENT SURFACE ROUGHENING RESISTANCE AND MANUFACTURING METHOD THEREOF

(51) International classification	:C22C 38/00, C21D 9/48	(71) Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan. Japan
(31) Priority Document No	:2009-248347	
(32) Priority Date	:29/10/2009	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2010/069393 :26/10/2010	1)NAKAGAWA Yusuke 2)TADA Masaki 3)KOJIMA Katsumi 4)IWASA Hiroki
(87) International Publication No	:WO/2011/052763	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are: a steel sheet for cans, which has excellent surface roughening resistance; and a method for producing the steel sheet for cans. The steel sheet for cans contains 0.0040-0.01% of C and 0.02-0.12% of Nb. The average ferrite crystal grain size in a cross-section in the rolling direction from the steel sheet surface to 1/4 of the thickness of the sheet is 7-10 μm (inclusive), and the average ferrite crystal grain size in a cross-section in the rolling direction from 1/4 to the center of the thickness of the sheet is 15 μm or less. In addition, the average ferrite crystal grain sizes satisfy the following relation: (the average ferrite crystal grain size in a cross-section in the rolling direction from the steel sheet surface to 1/4 of the thickness of the sheet) < (the average ferrite crystal grain size in a cross-section in the rolling direction from 1/4 to the center of the thickness of the sheet). The steel sheet for cans can be obtained by cooling a steel sheet at 50-100°C/s within 1 second after the final finish rolling, winding up the thus-cooled steel sheet at 500-600°C, subjecting the thus-wound steel sheet to pickling, cold-rolling the resulting steel sheet at a draft of 90% or more, and subjecting the thus-rolled steel sheet to continuous annealing at a temperature not less than the recrystallization temperature but not more than 800°C.

No. of Pages : 41 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.783/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR TREATING AN INDIVIDUAL SUFFERING FROM CARDIAC INSUFFICIENCY&NBSP; CARDIAC ARREST&NBSP; CIRCULATORY ARREST OR STROKE

(51) International classification	:A61M 5/168, A61M 1/36	(71) Name of Applicant : 1)Universittsklinikum Freiburg Address of Applicant :Hugstetter Strasse 49 79106 Freiburg GERMANY
(31) Priority Document No	:10 2009 045 589.2	
(32) Priority Date	:12/10/2009	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2010/006199 :11/10/2010	1)BEYERSDORF Friedhelm
(87) International Publication No	:WO/2011/045011	
(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 device for treating an individual suffering from cardiac or circulatory arrest or from a stroke comprising blood withdrawal means (BE) that can be applied to the individual (P) an analysis unit (BA) directly or indirectly connected to the blood withdrawal means for detecting and providing in the form of a blood analysis result (BAE) directly or indirectly connected to a return means (BR) that can be applied to the individual (P) and an operative unit (KE) comprises at least one reservoir unit (R) in which minimum two substances (S1 S2) are stored in that a dosage unit (D) is provided which is combined with the reservoir unit (R) and which taking into consideration a blood analysis result (BAE) determined by the analysis unit (BA) is designed to deliver at least one selected substance or the mixture to the individual via the return means (BR).

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.787/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MODULAR HEAT EXCHANGER

(51) International classification	:F28F 3/08
(31) Priority Document No	:12/573,982
(32) Priority Date	:06/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050711
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/043968
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)NAGURNY Nicholas J.

2)JANSEN EUGENE C

3)HILLSON DOUGH

4)ELLER MICHAEL R

(57) Abstract :

A heat exchanger comprising a plurality of plates that are demountably attached to a frame is disclosed. Each plate comprises a plurality of channels for conveying a primary fluid through the heat exchanger. The frames are arranged in the frame so that spaces between adjacent frame pairs define conduits for conveying a secondary fluid through the heat exchanger. The plates are mounted in the frame so that they can be individually removed from the frame. Further each of the channels is fluidically connected to input and output ports for the primary fluid by detachable couplings. As a result heat exchangers in accordance with the present invention are more easily repaired or refurbished than prior-art heat exchangers.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.791/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE INCLUDING EDGE-TYPE BACKLIGHT UNIT AND METHOD OF CONTROLLING THE LIQUID CRYSTAL DISPLAY□

(51) International classification	:G09G3/36
(31) Priority Document No	:61/239,835
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/006011
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/028065
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO . LTD.

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(72)**Name of Inventor :**

1)PARK Sang-Moo

2)YOON Jung-Hoon

3)KIM Dae-Sik

4)LEE Ho-Seop

5)JUNG Jong-Hoon

(57) Abstract :

A method of controlling a liquid crystal display (LCD) device including an LCD panel and an edge-type backlight unit is provided. The method includes: controlling turn-on and turn-off periods of an upper light source unit and a lower light source unit of the edge-type backlight unit to be synchronized with a period during which a 3D image is output on the LCD panel wherein the upper light source unit includes a light source disposed at an upper edge of the edge-type backlight unit and the lower light source unit includes a light source disposed at a lower edge of the edge-type backlight unit. []

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.793/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BACKLIGHT UNIT&NBSP; DISPLAY APPARATUS AND METHOD OF CONTROLLING BACKLIGHT UNIT

(51) International classification	:H05B/3702
(31) Priority Document No	:10-2009-0082558
(32) Priority Date	:02/09/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005896
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/028009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO . LTD.

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(72)Name of Inventor :

1)LEE Ho-Seop

2)KIM Dae-Sik

3)HWANG Dong-Choon

4)KO Young-Ji

5)MOON Soo-Bae

(57) Abstract :

A backlight unit a display apparatus and a method of controlling the backlight unit are provided. The backlight unit includes an image depth information extraction unit configured to extract image depth information from an image signal and a brightness calculator configured to calculate brightnesses corresponding to the image depth information. The backlight unit improves three-dimensional effects on an image by controlling the brightnesses of light emitting devices according to the brightnesses calculated to correspond to image depth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.794/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DETERMINING AN UPPERBAND SIGNAL FROM A NARROWBAND SIGNAL□

(51) International classification	:G10L 21/02
(31) Priority Document No	:61/254,623
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.□.A.
(86) International Application No	:PCT/US2010/053882
Filing Date	:23/10/2010
(87) International Publication No	:WO/2011/050347
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)KRISHNAN Venkatesh

2)SINDER Daniel J.

3)KANDHADAI Ananthapadmanabhan Arasanipalai

(57) Abstract :

A method for determining an upperband speech signal from a narrowband speech signal is disclosed. A list of narrowband line spectral frequencies (LSFs) is determined from the narrowband speech signal. A first pair of adjacent narrowband LSFs that have a lower difference between them than every other pair of adjacent narrowband LSFs in the list is determined. A first feature that is a mean of the first pair of adjacent narrowband LSFs is determined. Upperband LSFs are determined based on at least the first feature using codebook mapping. [FIG: 5]

No. of Pages : 45 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.798/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RECEPTION APPARATUS RECEPTION METHOD, AND PROGRAM□

(51) International classification	:H04L 9/00	(71) Name of Applicant :
(31) Priority Document No	:2011-103556	1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo
(32) Priority Date	:06/05/2011	JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(8□) International Application No Filing Date	:NA :NA	1)NAOHISA KITAZATO 2)YOSHIHARU DEWA 3)IZUMI HATAKEYAMA 4)MASAYUKI OBAYASHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A reception apparatus includes: a reception unit configured to receive a broadcast stream at least including a data stream for data broadcasting; a first style selector configured to select a display style for each of data broadcast content acquired from the broadcast stream received by the reception unit; a second style selector configured to select, when the data broadcast content corresponding to the style selected by the first style selector corresponds to a plurality of display styles, one display style out of the plurality of display styles; and a display unit configured to display the data broadcast content corresponding to the style selected by the first style selector or the second style selector. Fig. 10

No. of Pages : 109 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.799/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PALLET-LIKE BASE FRAME FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS

(51) International classification	:B65D 25/36	(71) Name of Applicant : 1)PROTECHNA S.A. Address of Applicant :AVENUE DE LA GARE 14 CH-1701 FRIBOURG/SCHWEIZ. Switzerland
(31) Priority Document No	:10 2011 075 263.3	(72) Name of Inventor : 1)SCHUTZ, UDO
(32) Priority Date	:04/05/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pallet-like base frame (21), in particular for transport and storage containers for liquids, which are equipped with an inner container made of plastic, comprising a lockable filler neck and a discharge nozzle for connecting a removal fitting as well as an outer jacket made of a metal lattice or metal plate, wherein the base frame encompasses a floor (22) for supporting the inner container, as well as corner feet, and central feet made of metal, which are arranged between the corner feet, and which are attached to a foot frame, to which the floor of the base frame as well as the outer jacket of the inner container are fastened, wherein at least one central foot of the base frame encompasses a profile body, which encompasses a U-shaped cross section, comprising a base wall (29), an outer journal wall and an inner journal wall, wherein the base wall and the journal walls embody an axial edge web, which is embodied in a U-shaped manner, at axial end areas of the profile body in a plane at right angles to a longitudinal axis (28) of the profile body.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.799/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PELLETIZING PRESS FOR PRODUCING PELLETS

(51) International classification	:B30B 11/22
(31) Priority Document No	:10 2009 051 379.5
	DE
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006643
Filing Date	:30/10/2010
(87) International Publication No	:WO/2011/050986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU

Address of Applicant :Heilbronnerstr. 20 75031 Eppingen GERMANY

(72)Name of Inventor :

- 1)HAAS Gernot von**
- 2)HEYMANNS Frank**
- 3)NATUS G^{1/4}nter**
- 4)BAUER Lars**

(57) Abstract :

The invention relates to a pelletizing press for producing pellets (10) from material to be pressed preferably from biomass (1) for use as fuel in fire places wherein the biomass (1) consists of cellulosic and/or lignocellulosic fibers chips or shreds. In the pelletizing press (3) a dispersion chamber (2) is formed by at least one die (4) having a plurality of bores (13) for pressing the biomass (1) and at least by a lateral wall (11) and at least one roller (5) rolling on a rolling surface (19) of the die (4) is arranged in the dispersion chamber (2). The aim of the invention is to provide a pelletizing press of the above-mentioned method for producing pellets which enables the formation of a dispersion chamber that by means of at least one lateral wall is as compact and sealed as possible relative to the prior art.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.800/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SKID PALLET IN PARTICULAR FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS

(51) International classification	:B65D 19/38	(71) Name of Applicant : 1)PROTECHNA S.A. Address of Applicant :AVENUE DE LA GARE 14 CH-1701 FRIBOURG/SCHWEIZ. Switzerland
(31) Priority Document No	:10 2011 075 266.8	(72) Name of Inventor : 1)SCHUTZ, UDO
(32) Priority Date	:04/05/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A skid pallet, in particular for transport and storage containers for liquids, comprising an inner container made of plastic, comprising a lockable filler neck and a discharge nozzle for connecting a removal fitting as well as an outer jacket made of a metal lattice or metal plate, wherein the skid pallet is equipped to be handled by means of forklifts, a storage and retrieval machine or similar transport means and is equipped with a pallet floor (33), which is supported on support feet (44, 46, 47, 49) of a central skid (35) and two outer skids (36, 37), for supporting the inner container, wherein the central skid and the outer skids are connected to one another by means of a skid bridge (43) in a defined relative arrangement and form a pallet base (41), which can be handled independent from the pallet floor, and that, for establishing a non-positive plug-in connection with the pallet base, the pallet floor furthermore encompasses engagement devices, which are assigned to the support feet and which interact with assigned engagement devices of the support feet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2010

(21) Application No.803/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF ENANTIOMERS OF LICARBAZEPINE

(51) International classification	:C07D 223/00	(71) Name of Applicant : 1)INTAS PHARMACEUTICALS LIMITED Address of Applicant :INTAS PHARMACEUTICALS LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM ROAD, AHMEDABAD 380009, GUJARAT, INDIA Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)SANJAY JAGDISH DESAI 2)ASHESH KAMALNAYAN PANDYA 3)SACHIN PANDITRAO SAWANT 4)KRUNALKUMAR RAMANLAL MEHARIYA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a process for the preparation of eslicarbazepine and rlicarbazepine and their acetates by resolution of racemic licarbazepine using acetyl mandelic acid.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2010

(21) Application No.804/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A COMPOSITE LED LIGHTING SYSTEM

(51) International classification	:H01L 33/60	(71) Name of Applicant : 1)MAKARAND JOSHI Address of Applicant :10, SHEELA SMRUTI, TEJPAL SCHEME ROAD NO. 3, VILE PARLE (EAST), MUMBAI 400057 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MAKARAND JOSHI
(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 LED lighting system comprising of a first housing with at least one heat conducting base with a plurality of LED units. The LED units and the heat conducting base have a thermally conductive dielectrica! layer between them, with an additional electrical layer between the LED units and the insulating layer. The lighting system is characterised by a magnetic ballast to supply the LED units with constant DC current and one or more distally located heat dissipating fins connected to the metal base optionally placed within a ventilated second housing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2012

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

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYNTHESIS OF FLUOROSILICONES AND THEIR DERIVATIVES

(51) International classification	:C08G 77/385 ,C08G 77/04	(71) Name of Applicant : 1)ADAM MICKIEWICZ UNIVERSITY Address of Applicant :Wieniawskiego 1 PL-61-712 Poznan Poland.
(31) Priority Document No	:P.388932	
(32) Priority Date	:01/09/2009	
(33) Name of priority country	:Poland	(72) Name of Inventor :
(86) International Application No	:PCT/PL2010/000074	1)MARCINIEC Bogdan
Filing Date	:16/08/2010	2)MACIEJEWSKI Hieronim
(87) International Publication No	:WO/2011/028143	3)KARASIEWICZ Joanna
(61) Patent of Addition to Application Number	:NA	4)DABEK Izabela
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject of invention is the method of synthesis of fluorosilicone co-polymers of arbitrary topology and general formula 1 in which among others if A stands for $\text{CH-O(CH}_2\text{)}_m(\text{CF}_2\text{)}_n\text{CF}_2\text{H}$ group then the method is based on hydrosilylation reaction of appropriate fluoroalkyl-allyl ether with polyhydrosiloxanes containing at least one Si-H group catalyzed by siloxide rhodium complex. If A stands for in which Z stands for divalent group either then the method is based on the reaction of nucleophilic opening of oxirane ring in appropriate epoxyfunctional co-polysiloxanes in acidic environment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2010

(21) Application No.807/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AUTO GRIPPING SOCKETS FOR INTRODUCING AND / OR REMOVING ORTHOPEDIC IMPLANTS LIKE SCHANZ SCREWS, DENHAM'S PINS AND THE LIKE.

(51) International classification	:A61F	(71) Name of Applicant :
	2/30	1)PHANSALKAR ASHUTOSH SHANTARAM
(31) Priority Document No	:NA	Address of Applicant :4323, PHANSALKAR WADA,
(32) Priority Date	:NA	BRAHMINPURI MIRAJ - 416410, DIST. SANGLI,
(33) Name of priority country	:NA	MAHARASHTRA India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PHANSALKAR ASHUTOSH SHANTARAM
(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 an auto gripping sockets for introducing and / or removing orthopedic implants. This auto gripping socket comprises a housing with auto gripping system at one end and the other end resembles a standard male part which is engageable in female part of conventional quick coupling for driving; this socket either by handle or by power driven hand piece. The auto gripping system comprises three equispaced cam profiles inside the housing. Three cylindrical rollers are retained in this housing with help of a cage. Three slots are provided in this cage for holding three rollers inside the cam profiles. These slot allow the rollers to project inside the bore of the cage as well as keep the rollers free in contact with the cam profiles from outside the cage. When an implant is inserted in this socket, the three rollers touch this implant inside the cage- On rotating the auto gripping socket by holding in quick coupling, the three rollers start moving towards the crest of the cam profiles resulting in grip on the implant from inside thereby the implant starts rotating along with the auto gripping socket, thus clockwise rotation of an auto gripping socket introduces the implant in the bone and anticlockwise rotation of an auto gripping socket removes the implant from the bone. These auto gripping sockets can be used by selecting ones of various sizes suitable for the size of implant to be introduced or to be removed. The slight variation in size of any particular implant is accommodated in travel of rollers from lowest to highest points of cam profiles for gripping.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2010

(21) Application No.808/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ADJUSTABLE PEDAL ASSEMBLY FOR IMPROVED PEDAL EFFORT AND FEEL

(51) International classification	:B60T 7/06	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)MR. DEEPAK R. R.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention discloses a mechanism for improving the pedal feel comprises a light weight high torque motor (7) mounted on to a light weight gear box (4) (which forms as a base to accommodate all other component of the said mechanism). The light weight gear box (4) has a projection at the bottom for pivoting it on to the pedal (2) at the bottom pivot (3). The upper end of light weight gear box (4) having a spring adjuster piston (5) which supports a spring (6) above to which consist of a pivot bush(8). The pivot bush{8}, spring(6) is guided by the pivot bush guide shaft (10) which is in turn mounted to the light weight gear box(4) passing axial through the spring adjuster piston(5) connecting the light weight gear box(4). The pivot bush is connected to the pedal mounting bracket (11) through a pivot (9). With this arrangement the mechanism is able to swivel around these pivot (3) & (9) when the pedal (2) is actuated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2012

(21) Application No.810/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SWITCHING AN INDUCTIVE LOAD

(51) International classification	:H02M 1/38
(31) Priority Document No	:20096017
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050742
Filing Date	:27/10/2010
(87) International Publication No	:WO/2011/042596
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALSTOM Grid Oy

Address of Applicant :Kaapelikatu 3 FI-33330 Tampere Finland

(72)Name of Inventor :

1)K,,NS,,L,, Tarmo

(57) Abstract :

The invention relates to an arrangement and a method for switching an inductive load. Yet further the invention relates to a software product of a control system switching an inductive load. A semiconductor valve is used for switching an inductive load. The semiconductor valve comprises at least two semiconductor levels. A firing signal is supplied to the semiconductor valve. There is a determined delay between the firing signals of at least two semiconductor levels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2012

(21) Application No.811/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ABNORMAL ALTERATIONS OF PKC ISOZYMES PROCESSING IN ALZHEIMERS DISEASE PERIPHERAL CELLS

(51) International classification	:G01N 33/68	(71) Name of Applicant :
(31) Priority Document No	:61/248,361	1)BLANCHETTE ROCKEFELLER NEUROSCIENCES INSTITUTE
(32) Priority Date	:02/10/2009	Address of Applicant :8 Medical Center Drive Morgantown WV 26505-3409 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/051112	1)KHAN Tapan Kumar
Filing Date	:01/10/2010	2)ALKON Daniel L.
(87) International Publication No	:WO/2011/041670	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for the diagnosis of AD from non-AD conditions by using a PKC Isozyme Index obtained by determining ratios of ratios of different PKC Isozymes in peripheral cells of a test subject in the absence and presence of a beta-amyloid peptide and optionally in the presence of a PKC activator.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.812/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SERVER, INTER-BUSINESS ENTERPRISE INFORMATION CONTROL METHOD AND COMPUTER PROGRAM□

(51) International classification	:G06Q 10/10
(31) Priority Document No	:2011-137990
(32) Priority Date	:22/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)Kazuo OGAWA

2)Nobuto KOGA

3)Takahiro YOSHIDA

4)Toshiyuki MORIOKA

(57) Abstract :

A Web server (12) includes a storage unit (201) that stores transaction relation information (218), transaction data requirement information (219, 220) that determines whether a reference authority is appended to a user for transaction data, and information (217) that identifies the user, associated with each other; and a control unit (200) that controls to receive the transaction data containing the transaction relation information, refer to the storage unit, extract user identification information for appending information indicating the transaction relation and the reference authority from the storage unit, when the storage unit stores the received transaction relation information and the received transaction data satisfies the transaction data requirement, and register the extracted information and information for identifying the transaction data in the database, from the user terminal, therefore, separate third parties can refer to every transaction data, even to the transaction data transmitted and received between the same transaction relations.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.816/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR BUILDING ANNOTATION LAYERS BASED ON LOCATION AWARE USER CONTEXT INFORMATION

(51) International classification	:H04L 29/08
(31) Priority Document No	:61/250,844
(32) Priority Date	:12/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052058
Filing Date	:08/10/2010
(87) International Publication No	:WO/2011/046837
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
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(72)Name of Inventor :

1)KHZORASHADI Behrooz

2)DAS Saumitra Mohan

(57) Abstract :

The subject matter disclosed herein relates to a system and method for determining annotations for a map. Location information for mobile devices and contextual information associated with users of mobile devices may be utilized to determine such annotations.

No. of Pages : 43 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.817/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS AND METHOD FOR NAVIGATION□

(51) International classification	:G01J 4/00
(31) Priority Document No	:201110
(32) □riority Date	:22/09/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/000780
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/036662
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :D.N. Arava 86835 Moshav Faran
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(72)**Name of Inventor :**

1)VOROVITCHIK Shlomo

(57) Abstract :

An apparatus comprising an array of polarized light filter cells each cell has a first polarized filter having a first polarization direction and a second polarized filter having a second polarization direction the second polarization direction different from the first polarization direction; an optical system to direct light onto the array of polarized light filters; and a first and second light sensors to produce data from light received through the first and second polarized filters respectively. Additionally a method of directing light onto an array of polarized light filter cells each cell having a first polarized filter having a first polarization direction and a second polarized filter having a second polarization direction different from the first polarization direction; producing data from light received through the first and second polarized filters by respective first and second light sensors; and deriving polarization pattern based on the data.

No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2012

(21) Application No.809/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : READY-TO-WEAR HEADSCARF

(51) International classification	:A41D 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/054887
Filing Date	:04/11/2009
(87) International Publication No	:WO/2011/055166
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)ABSI Hala

3)ABSI Mona

4)ABSI Nadra

(72)Name of Inventor :

1)ABSI Mohammad Mubde

2)ABSI Hala

3)ABSI Mona

4)ABSI Nadra

(57) Abstract :

A headscarf for women and in particular veiled women is provided which includes a garment element (101) sewn (501) to a predetermined formed style (200) covers a wearers head or head and neck and maintains the formed style of a scarf worn particularly by veiled women. Optionally this headscarf is associated with a plurality of styling accessories such as a fabric ornamental accessory (1001).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.812/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SWEETENED TEA BEVERAGE□

(51) International classification	:A23F 3/16,A23L 1/236	(71) Name of Applicant : 1)THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND Address of Applicant :Williams House 20 Reid Street Hamilton HM-11 Bermuda.
(31) Priority Document No	:11/686,173	
(32) Priority Date	:14/03/2007	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2008/056775 :13/03/2008	(72) Name of Inventor : 1)LETOURNEAU Stephen A. 2)CHAN Wendy 3)LEE Thomas 4)CHEN Hang
(87) International Publication No	:WO/2008/112846	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2737/MUMNP/2008 :24/12/2008	

(57) Abstract :

Beverage products including at least a tea component a natural nutritive sweetener present in an amount of at least 8% by weight and Lo Han Guo are provided. Beverage concentrates including at least a tea component a natural nutritive sweetener present in an amount of at least 48% by weight and Lo Han Guo are also provided.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.813/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE AND METHOD FOR TOPICAL APPLICATION OF THERAPEUTICS OR COSMETIC COMPOSITIONS□

(51) International classification	:A61M 35/00
(31) Priority Document No	:61/256,837
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/053959 :25/10/2010
(87) International Publication No	:WO/2011/053554
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)REVANCE THERAPEUTICS INC.

Address of Applicant :7555 Gateway Blvd. Newark California 94560 UNITED STATES OF AMERICA

2)DUOJECT MEDICAL SYSTEMS INC.

(72)**Name of Inventor :**

1)RUEGG Curtis L.

2)REYNOLDS David L.

3)MACDONALD Daniel

4)TREMBLAY Yan

(57) Abstract :

This invention relates to devices and methods for safely reconstituting and administering topical therapeutic or cosmetic compositions. The topical applicator according to the invention is particularly well suited for storing reconstituting and administering or applying highly toxic substances.

No. of Pages : 29 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.814/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SPARK-IGNITION INTERNAL COMBUSTION ENGINE□

(51) International classification	:F02D 15/04
□(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/051543
Filing Date	:28/01/2010
(87) International Publication No	:WO/2011/092867
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant :1 Toyota-cho Toyota-shi Aichi 471-8571 JAPAN

(72)Name of Inventor :

1)NAKASAKA Yukihiro

2)SAKAYANAGI Yoshihiro

3)TANAKA Hiroyuki

(57) Abstract :

An internal combustion engine is provided with a variable compression ratio mechanism (A) capable of varying the mechanical compression ratio and a variable valve timing mechanism (B) capable of controlling the valve closing timing of an intake valve (7). An entry prohibited region (X1 X2) is set for a combination of the mechanical compression ratio the intake valve closing timing and the intake air amount. An entry prohibited layer (Y) is set so as to surround the entry prohibited region (X2). When the required intake air amount is reduced and the operating point moves toward the entry prohibited region (X2) the entry of the operating point into the entry prohibited layer (Y) is prohibited thereby blocking the entry of the operating point into the entry prohibited region (X2).

No. of Pages : 108 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.822/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INDEXING TYPE QUARTER PUNCH TOOL FOR DAMPERS

(51) International classification	:B26D 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE
BESANT ROAD, WORLI, MUMBAI 400 030,
MAHARASHTRA, INDIA

(72)**Name of Inventor :**

1)CHANDRASHEKHAR RAMAKANT KELUSKAR

2)JAYPRAKASH MAHARANA

(57) Abstract :

A power press tool for punching out rotor dampers, wherein each of the dampers 184 comprising a central body having a central hole and a plurality of limbs 170, 174, 178, 182 radially extending from the central opening, the tool including a horizontally extending punch segment 100 fixedly attached to a punch holder 120, the punch segment 100 having an arcuate cutting portion 108 and a cutting protrusion 110 extending inwardly from the arcuate cutting portion 108, the cutting protrusion 110 resembling space between any two immediate limbs 170, 174, and a die segment 140 fixedly attached to a die bed 138 and supporting a sheet material 116, the die segment 140 having a slug passage 146 formed therethrough that conforms the arcuate cutting portion 108 and the cutting protrusion 110 of the punch segment 100, the die bed 138 and the punch holder 120 being relatively movable along a punching axis and cooperating with other to punch the sheet material 116. wherein a corner area of the sheet material 116 is positioned over the slug passage 146 and punched so as to allow the arcuate cutting portion 108 of the punch segment 100 to knock out the outer end of the limb and to allow the cutting protrusion 110 to knock out space between any two immediate limbs 170, 174, other corner areas being sequentially rotated and punched thereby forming the plurality of limbs 170, 174, 178, 182 of the damper 184.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.820/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CIRCUIT BREAKER MECHANISM

(51) International classification	:H01H 71/10	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHAL VIJAY BAGADE
(87) International Publication No	: NA	2)PARAG PRABHAKAR KHEDKAR
(61) Patent of Addition to Application Number	:NA	3)SHRIKANT BALKRISHNA POTNIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit breaker operating mechanism for moving a movable contact (12) of a circuit breaker, the operating mechanism comprising a combustion chamber (1), an internal tank (16) held within the combustion chamber (1) for storing at least one chemical reactant therein, at least one external tank (17) provided outside the combustion chamber (1) for storing at least one chemical reactant therein which being adapted to be controllably dropped into the internal tank (16) wherein said chemical reactants of said tanks (16 & 17) react to produce hydrogen gas within the combustion chamber (1), a spark plug (15) for igniting the hydrogen gas for increasing the gas pressure within the combustion chamber (1), a piston (5) adapted to be thrusted against a spring (2) within the combustion chamber (1) consequent to said increase in the gas pressure, a transmission means (6 & 9) for transmitting the movement of the piston (5) to the movable contact (12) of the circuit breaker, the transmission means comprising a shaft (6), one end (7) of which is connected to the piston (5) and other end (8) to one end (10) of a lever (9) pivoted at its center, the other end (11) of the lever (9) being connected to the movable contact (12) of the circuit breaker, a latching mechanism (not shown) connected to the shaft (6) for locking the position of the shaft (6) and a blower (20) opening into the combustion chamber (1) for blowing out the burnt hydrogen gas from the combustion chamber (1) through an exhaust port (13) in the combustion chamber (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.821/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LAMINATION SIZE GOVERNING BY PUNCH PROJECTION

(51) International classification	:B21D 28/02	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR , DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHANDRASHEKHAR RAMAKANT KELUSKAR
(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 notching press too) for punching out rotor and stator laminations from a sheet material is provided. The notching press tool includes a longitudinal punch member 100 the rear end 104 of which is releasably insertable into a punch holder 114. The front cutting end 102 of the notching press tool protrudes outwardly from the punch holder 114 and has a projection 112 sufficiently formed thereon. A die 132 has a slug passage 138 formed therethrough the shape of which conforms the longitudinal punch member 100. The die 132 is attached to a die bed 130 and having the sheet member positioned thereon that is rotatable in stepped manner. The die bed 130 and the punch holder 114 cooperate with each other to sequentially form a plurality of spaced apart notches 146 on the rotatable sheet material

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.825/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONNECTION ARRANGEMENT FOR HIGH VOLTAGE TERMINATION IN ELECTRICAL APPARATUS

(51) International classification	:H02G 15/10	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR , DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DHARMESH MAKVANA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A connecting device for electrically connecting a high voltage electric cable 118 to a conductor 120 within a cable box 100 filled with an insulating fluid 110 is provided. The cable box 100 includes a cable sealing end 112 for insulating an extendable portion of the electric cable 118 and a bushing 114 for insulating the conductor 120 within the cable box 300. The connecting device includes an electrical connecting member 108 disposed in electrical communication between the high voltage electric cable 118 and the conductor 120 within the cable box 100. Further, the electrical connecting member 108 has a first connector end 122 and a second connector end 124, and a plurality of elongated flexible conductive leads 126 tied together to form a single entity and extending between crimped ends. The first connector end 122 coupled with one of the crimped ends and connected to an end of the insulated high voltage cable 118 disposed within the cable sealing end 112. The second connector end 124 coupled with other of the crimped ends and connected to the insulated conductor 120 within the bushing 114, the conductor 120 couplable to windings within the power distribution equipment, and a flexible insulator 130 wrapped around the electrical connecting member 108 along its entire length.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.823/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN IMPROVED LOW NOISE FAN ASSEMBLY

(51) International classification	:H02K 9/04	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR , DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LOHOKARE YOGESH
(87) International Publication No	: NA	2)KORI VIRENDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Brushless DC motor driven ceiling fan. The fan (1) comprises a motor (2) having a housing formed of a top endshield (3) and a bottom endshield (4) fixed together and a plurality of fan blades (6) mounted to the top endshield in a spaced apart relationship with one another. The top endshield is rotatably held about a fan shaft (7) extending into the housing through a tubular projection (8) projecting down inwardly from the centre of the top endshield using bearings (9) housed in the tubular projection. The top endshield further has a cup shaped extension (10) projecting down from the tubular projection concentric with the tubular projection. A wound stator (11) is disposed in the housing and mounted to the lower end of the fan shaft. A permanent magnet rotor (12) is disposed in the housing around the stator defining a clearance (13) with the stator and mounted to the inner surface of the cup shaped extension. The fan has substantially reduced noise level of operation

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.827/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A NOVEL TERMINAL ADAPTER FOR FAN

(51) International classification	:H01R 13/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PARESH JADHAV
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adaptor for connecting a load to an external power supply, the adaptor 15 comprising of three adaptor units 16, 17, 18 slidingly held adjacently to each other on a holding sheet 19. Wires from the load are inserted into the holes at one side 21 (set as factory end side) of the adaptor units 16, 17, 18 and wires from the external supply are inserted into the holes at other side 22 (user site).

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.829/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CIRCUIT BREAKER MECHANISM

(51) International classification	:H01H 71/10	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHAL VIJAY BAGADE
(87) International Publication No	: NA	2)PARAG PRABHAKAR KHEDKAR
(61) Patent of Addition to Application Number	:NA	3)SHRIKANT BALKRISHNA POTNIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit breaker operating mechanism for moving a movable contact 9 of a circuit breaker, the operating mechanism comprising a combustion chamber 1, an internal tank 13 held within the combustion chamber 1 for storing at least one chemical reactant therein, at least one external tank 14 provided outside the combustion chamber 1 for storing at least one chemical reactant therein which being adapted to be controllably dropped into the internal tank 13 wherein said chemical reactants of said tanks react to produce hydrogen gas within the combustion chamber 1, a spark plug 12 for igniting the hydrogen gas for increasing the gas pressure within the combustion chamber 1, a piston 5 adapted to be thrusted against a spring 2 within the combustion chamber 1 consequent to said increase in the gas pressure, a transmission means 6 for transmitting the movement of the piston 5 to the movable contact 9 of the circuit breaker, a latching mechanism connected to the transmission means 6 for locking the position thereof and a blower 17 opening 11 into the combustion chamber 1 for blowing out the burnt hydrogen gas from the combustion chamber 1 through an exhaust port 10 in the combustion chamber 1.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.837/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A DIAGNOSTIC METHOD FOR TRANSFORMER WINDING

(51) International classification	:G01R 31/06	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHUBHANGI SACHIN PATIL
(87) International Publication No	: NA	2)KIRAN KUMAR MUNJI
(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 the nature of mechanical faults in a faulty transformer is disclosed. The method comprising the steps of obtaining a magnetic model for a transformer that is of the same make as that of the faulty transformer; converting the magnetic model in to an equivalent first electrical model; performing a sweep frequency response analysis (SFRA) for the faulty transformer; performing a network synthesis for the frequency response obtained in the SFRA to obtain an equivalent second electrical model; compare the first electrical model and second electrical model for a significant change in their R(resistive),L (inductive) and C (capacitive) values and determine the of mechanical fault that would have caused the significant changes in R and/or L and/or C values.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.831/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CIRCUIT BREAKER MECHANISM

(51) International classification	:H01H 71/10	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHAL VIJAY BAGADE
(87) International Publication No	: NA	2)PARAG PRABHAKAR KHEDKAR
(61) Patent of Addition to Application Number	:NA	3)SHRIKANT BALKRISHNA POTNIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit breaker operating mechanism for moving a movable contact 4 of a circuit breaker, the operating mechanism comprising a combustion chamber 1 divided into a pair of sub-combustion chambers (6 & 7), an interior tank (15 & 22) held within each sub-combustion chamber (6 & 7) for storing at least one chemical reactant therein, at least one external tank (16 & 23) corresponding to each interior tank (15 & 22) provided outside the combustion chamber I for storing at least one chemical reactant therein which being adapted to be controllably dropped/injected/sprayed into the corresponding interior tank (15 & 22) wherein said chemical reactants of said tanks (15, 22, 16 & 23) react to produce hydrogen gas within the respective sub-combustion chambers (6 & 7), a spark plug (14 & 21) within each sub-combustion chamber (6 & 7) for igniting the hydrogen gas therein wherein upon ignition of the hydrogen gas in the sub-combustion chambers (6 & 7) the pressure within the sub-combustion chambers (6 & 7) being increased, a piston 2 within the combustion chamber 1 being adapted to be thrusted upwardly/downwardly consequent to an increase in the gas pressure in the sub-combustion chambers (6 & 7), a transmission means 3 for transmitting the movement of the piston 2 to movable contact 4 of the circuit breaker, a latching mechanism (not shown) connected to the transmission means 3 for locking the position of the transmission means and a blower 20 opening into the combustion chamber 1 for blowing out the burnt hydrogen gas from the sub-combustion chambers (6 & 7) through an exhaust port 11 in the combustion chamber 1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.831/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LIGHTING PROTECTION DEVICE WITH CAPTURE ELECTRODE HAVING ONE END WITH VIRTUALLY VARIABLE GEOMETRY&NBSP; AND CORRESPONDING METHOD

(51) International classification	:H02G13/00	(71) Name of Applicant :
(31) Priority Document No	:FR 11 530□4	1)INDELEC Address of Applicant :61 CHEMIN DES POSTES 59500 DOUAI FRANCE
(32) Priority Date	:07/04/2011	(72) Name of Inventor :
(33) Name of priority country	:France	1)ALCONCHEL Olivier
(86) International Application No	:NA	2)LEFORT Bertrand
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a lightning protection device and corresponding method finding particular application to lightning conductors comprising a capture electrode allowing discharging of the lightning current into the ground. The device comprises a capture electrode 1 configured to capture a lightning current and to discharge it into the ground earthed and having one free end 1a variation means 2 3 to vary the electrical behaviour of this free end configured to cause a variation in the amplification coefficient of the local electric field in the vicinity of this free end; the device further comprises measurement means 4 measuring the ambient electric field and/or its variation over time and trigger means triggering the variation means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.833/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CRYSTALLIZATION APPARATUS

(51) International classification

:F27D 15/02

(31) Priority Document No

:GB1105421.0

(32) Priority Date

:31/03/2011

(33) Name of priority country

:U.K.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HAIFA CHEMICAL LTD

Address of Applicant :Behind the Haifa Bay Refineries
(P.O.Box 10809) Haifa Bay 26120 Israel

(72)Name of Inventor :

1)Yosef Mizrahi

(57) Abstract :

A reactor for forming crystals from soluble salts which is capable of carrying out reaction and or solvent extraction and or crystallization. The reactor includes three sections. The upper section- which includes a decanter which includes a vertical vessel with a horizontal weir at its top and an outlet at its top for removing the light phase. The lower section is a crystallizer which includes coaxial draft tube and further includes at least one feed pipe an agitator located inside the draft tube and one or more outlets at the bottom for crystals slurry removal. The intermediate section includes at least a coaxial vertical baffle and the gap between the draft tube and the coaxial vertical baffle can be adjusted by moving the vertical baffle up or down.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.834/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : QUICK-CONNECT COUPLING

(51) International classification	:F16L 37/00	(71) Name of Applicant : 1)Von Arx AG Address of Applicant :Gelterkinderstrasse 24 4450 Sissach Switzerland
(31) Priority Document No	:CH-01007/11	
(32) Priority Date	:16/06/2011	
(33) Name of priority country	:Switzerland	(72) Name of Inventor :
(86) International Application No	:NA	1)Schweizer Beat
Filing Date	:NA	2)Moritz Martin
(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 quick-connect coupling for connecting an exchangeable head (1) to a pressing device (4) has a number of balls K1 with a diameter D1 which are radially movably disposed in a ball-holding part (3) on the pressing device (4). On the exchangeable head (1) a peripheral groove (14) with a groove depth N to partially hold the balls K1 is present on a shaft part (13) with a radius R1 with the pressing device (4) and the exchangeable head (1) in a connected state. A locking ring (2) is movably attached to the ball-holding part (3) in an axial direction the balls K1 being held radially fixed in the peripheral groove (14) by said locking ring when the pressing device and the exchangeable head are in the connected state. Furthermore on the shaft section (13) of the exchangeable head (1) there is a further peripheral groove (15) which is disposed

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.841/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HOLLOW REAR AXLE SHAFT THROUGH FRICTION WELDING AND SPLINE CONSTRUCTION

(51) International classification	:B60K 17/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. DEODATTA SHENDE
(87) International Publication No	: NA	2)MR. UDAYAN BALWANT PATHAK
(61) Patent of Addition to Application Number	:NA	3)MR. MOMIN VASEEM AHMAD S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hollow rear axle shaft with spline and flange comprising a hollow tube with spline at one end and flange at other end, said spline has stepped like structure near central opening projected opposite to end joined with a flange, projection of said stepped portion of spline is such that part of the stepped portion does not touch the hollow tube, said spline and flange are joined to said hollow tube at two ends firmly such that they can carry requisite load. The projection of said stepped portion of spline is such that outer part of said stepped portion does not touch the hollow tube and the spline has multiple cylindrical holes symmetrically placed in outer circle of the stepped structure. The said hollow tube is uniform in thickness and diameter throughout the length for ease of manufacturing. The splines and/or flange are joined to said hollow tube by friction welding for better surface contact and better mechanical property.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.842/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HOLLOW FRONT AXLE BEAM

(51) International classification	:B21K1/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MR. DEODATTA SHENDE
(61) Patent of Addition to Application Number	:NA	2)MR. UDAYAN BALWANT PATHAK
Filing Date	:NA	3)MR. NIKETAN KULKARNI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hollow front axle beam comprising: a hollow tube with two goose neck structure joined at both ends of said hollow beam, a spring pad provided proximally to said goose neck on each side of hollow tube, said hollow tube is joined with said goose neck structure through circular welding of tube to get desired fatigue life. The goose neck structure is manufactured by forging or machining or hydro-forming. The goose neck structure has the most uniform required engineering properties. The material used in goose neck is Medium Carbon steel. The material used for tube is low or medium Carbon steel. The tube and goose neck is hardened thoroughly. The hardening is done by induction hardening or conventional hardening. The spring pad is joined by fastening or welding. The joining process of goose neck structure and hollow tube is a welding process like friction or TIG or MIG or submerged arc welding.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.848/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BRAKE PEDAL LOCKING SYSTEM

(51) International classification	:B60T13/00	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265 8098, USA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KARTHIKEYAN B.
(87) International Publication No	: NA	2)BHANU KIRAN REDDY P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Brake pedal locking system in accordance of this invention is used to de-couple or couple together the left side and right side brake pedals of the vehicle either automatically or through manual system to suit the varying driving conditions of the vehicle. The Manual system provides an indicator system to alert the vehicle operator to lock the brake pedals together if the left and right brake pedals are de-coupled during on-road operation of the vehicle and turns off the indicator if the vehicle is in off-road operation or If the brake pedals are coupled together during on-road operation. The automatic system provides an actuator to couple or decouple the brake pedals based on the on-road or off-road operating conditions. The brake pedals are automatically coupled together if the vehicle is on road travel mode and decoupled automatically if the vehicle is in off-road condition. The automatic control system also provides an diagnostic system to alert if the actuator is not functioning properly. The on-road or off-road condition of the vehicle is detected based on the hitch position sensor connected to the three point linkage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2166/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DATA AUDIT MODULE FOR APPLICATION SOFTWARE

(51) International classification

:G06F

21/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING,9TH
FLOOR,NARIMAN POINT,MUMBAI 400021, Maharashtra
India

(72)Name of Inventor :

1)IYER, HARISH

2)ANJAN , GURURAJ

3)DASH, HEMANATA

4)AGRAWAL ,ABHISHEK

5)KANDASAMY, PARTHEEBAN

(57) Abstract :

System and methods of data auditing of transaction data of an application software (114) are described. In one implementation, the method includes data auditing of transaction data by an independent audit module (116) where metadata of the application software (114) is received, and an audit table based on at least one of the audit parameters, indicating the extent of audit data of one or more processes is created in an audit database (108) of the audit module (116). Further, triggers for capturing data changes from the application software (114) are generated based on at least one audit parameters. Captured changes data is optimized to reduce the storage requirements of audit data. In another implementation, the result of the analysis is displayed in form of a report in user desired format.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.738/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR PREDICTIVE-ENCODING AND/OR PREDECITIVE-DECODING A MULTI-VIEW IMAGE□

(51) International classification	:H04N13/00
(31) Priority Document No	:60/907,614
(32) Priority Date	:11/04/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2008/001262
Filing Date	:06/03/2008
(87) International Publication No	:WO/2008/126986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2018/MUMNP/2009
Filed on	:28/10/2009

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea

(72)**Name of Inventor :**

1)CHOI Jong-Bum

2)SHIM Woo-Sung

3)SONG Hak-Sup

4)MOON Young-Ho

(57) Abstract :

A Method and apparatus for encoding and decoding a multi-view image are provided. The method of encoding a multi-view image includes determining whether each of pictures included in multi-view image sequences is a reference picture referred to by other pictures included in the multi-view image sequences for inter-view prediction and encoding the pictures using at least one of inter-view prediction and temporal prediction based on the determination result thereby efficiently encoding and decoding the multi-view image at high speed.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2012

(21) Application No.739/MUMNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN APPARATUS FOR PREDICTIVE-DECODING A MULTI-VIEW IMAGE□

(51) International classification	:H04N13/00
(31) Priority Document No	:60/907,614
(32) Priority Date	:11/04/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2008/001262
Filing Date	:06/03/2008
(87) International Publication No	:WO/2008/126986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2018/MUMNP/2009
Filed on	:28/10/2009

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

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(72)**Name of Inventor :**

1)CHOI Jong-Bum

2)SHIM Woo-Sung

3)SONG Hak-Sup

4)MOON Young-Ho

(57) Abstract :

A Method and apparatus for encoding and decoding a multi-view image are provided. The method of encoding a multi-view image includes determining whether each of pictures included in multi-view image sequences is a reference picture referred to by other pictures included in the multi-view image sequences for inter-view prediction and encoding the pictures using at least one of inter-view prediction and temporal prediction based on the determination result thereby efficiently encoding and decoding the multi-view image at high speed.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.861/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BODY-CHASSIS FLOATING CONNECTION FOR SEAT BELT ANCHORAGE

(51) International classification

:B60R

21/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

(72)Name of Inventor :

**1)MR. SANJAY APTE
2)MR. MUSAIB MOMIN
3)MR. D S VENU**

(57) Abstract :

Body-chassis floating connection idea basically invented to cater the deformation of vehicle floor during ECE R14 Regulatory test and any similar crash tests. The deformation of the vehicle floor occurs during this test when the load is applied on torso & thigh portions as per the regulation requirement. During the test seat pulls the vehicle floor longitudinally towards front of vehicle. This happens due to the dummy inertia & seat inertia acting in vehicle forward direction. To overcome this deformation of vehicle floor, there is a floating connection provided between body and chassis. This floating connection consists of one flat plate which is being welded to cross member of the body & two L shaped brackets having holes which are in turn welded to the flat plate. In the chassis there is a forged bracket welded on the tubular cross member of the chassis. This acts as a hook for restricting the deformation of the vehicle floor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.864/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SEALED CIRCUIT BREAKER.

(51) International classification	:H02B 1/04	(71) Name of Applicant : 1)EGS ELECTRICAL GROUP, LLC Address of Applicant :9377 W. HIGGINS ROAD, ROSEMONT STATE-IL ZIP-60018, UNITED STATES OF AMERICA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RUS, VILIAN
(87) International Publication No	: NA	2)KANOLE, YOGESH
(61) Patent of Addition to Application Number	:NA	3)NADGERI, VIJAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sealed electrical enclosure for use in hazardous locations for enclosing circuit breakers having a bottom housing and a top housing with a labyrinth joint, a serrated joint, or combination of both being formed therebetween, a first aperture extending through a first end wall of the bottom housing and positioned adjacent a first contact terminal of a first circuit breaker, the first aperture further including a first metal bus extending therethrough and in electrical contact with the first contact terminal, and a second aperture extending through a second end wall of the bottom housing and positioned adjacent a second contact terminal of the first circuit breaker, the second aperture further including a second metal bus extending therethrough and in electrical contact with the second contact terminal, and a first actuating mechanism positioned on the top housing adapted for manipulating a switch of the first circuit breaker.

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.865/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SENSING AND ACTUATING DEVICE WITH BUILT-IN POWER GENERATION

(51) International classification	:H02P 3/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI, 400 001, MAHARASHTRA INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)RAJESH KUMAR PANDA
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 various embodiments of the present invention provide a current sensing and actuating device with built-in power generation system. The device comprises of a thermoelectric generator, an insulator, a terminal, a conductor, an actuator and a compression spring. The device comprises a plurality of thermocouple elements coupled to the thermoelectric generator. The thermoelectric generator (TEG) is modeled with the current carrying conductor. The conductor is adhered to TEG by means of a highly thermal conductive insulator. The insulator isolates the TEG element from the conductor. The actuator is an integral part of the device. The actuator is held by the compression spring, whose one end is connected to the composite strip and other end to the insulator. The device senses the current flowing through the conductor using the thermoelectric generator and causes the actuation of the protection unit due to magnetostriction effect of the individual layer of the composite actuator.

No. of Pages : 82 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.866/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN INTELLIGENT CONTROLLER OF THE PLUNGER OF A VACUUM INTERRUPTER

(51) International classification	:H01H 1/50	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NIRODY JAISHANKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intelligent controller of the plunger of a vacuum interrupter is described. In one embodiment the intelligent controller allows auto configuration depending on the supply voltage the vacuum interrupter works in.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.876/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PUSHROD CONNECTION TO A JOURNAL

(51) International classification	:F16C 9/04
(31) Priority Document No	:61/471,236
(32) Priority Date	:04/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ECOMOTORS INTERNATIONAL, INC.

Address of Applicant :17000 FEDERAL DR., SUITE 200,
ALLEN PARK, MICHIGAN - 48101, U.S.A.

(72)Name of Inventor :

1)HOFBAUER PETER

2)TUSINEAN ADRIAN

(57) Abstract :

Reciprocating motion is converted to rotary motion through a crankshaft and a connecting rod. In a connecting rod that is primarily in compression, two opposing connecting rods are coupled to a single journal. Two bearing shell segments are placed over the journal with a pushrod placed over each bearing shell segment. The pushrods are normally in compression. To overcome the potentiality of the pushrods briefly being in tension, retainers are coupled to the pushrods. Since both pushrods are coupled in-line, the width of the journal that can accommodate these pushrods is shorter than for a journal on which the two pushrods are located side by side. The crankshaft is shorter, stronger, and of a lighter weight.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.840/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PARKING BRAKE MECHANISM IN VEHICLE DASHBOARD CONSOLE

(51) International classification	:B60T 7/10	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SIVAPRAKASH R 2)G H N V DURGA PRASAD
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 parking brake mechanism in vehicle dashboard console facilitates conventionally using the space between driver and co-driver for utility packaging. The mechanism uses Dog Clutch principle, the handle disc and the pawl disc was integrated by dog clutch principle which couples two rotating shafts or other rotating components not by friction but by interference. When the Lever handle was rotated, the Lever handle disc and pawl disc rotates as a single unit and the cable is pulled, which is riveted at diagonal end of pawl disc. The other end of the pull cable, equalizer is fitted. From equalizer two cable splits and are fitted to the LH and RH rear brake, hence brake is applied at the rear wheel. The Pawl is riveted to pawl disc. It sweeps over the ratchet when the pawl disc rotates and it locks the handle lever in position when the driver releases the handle. By pressing the push button the pawl frees from ratchet and the handle lever is set back to original position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2012

(21) Application No.840/MUM/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BEVERAGE HEATING SYSTEM WITH INTEGRATED COMBUSTION SYSTEM AND METHOD OF HEATING BEVERAGES□

(51) International classification	:A23L2/46	(71) Name of Applicant :
(□1) Priority Document No	:102011006653.5	1)KRONES AG Address of Applicant :Bhmerwaldstrasse 5 93073 Neutraubling GERMANY
(32) Priority Date	:01/04/2011	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)Jrg ZACHARIAS 2)Roland FEILNER
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a heating system for a beverage processing system with a beverage flow consisting of a beverage to be processed, with a secondary flow of a heat conducting medium, whereby the secondary flow is passed in a closed secondary circuit, with at least one heat exchanger, through which the secondary current flows and is arranged such that it is able to transfer heat to the beverage flow, whereby a combustion system is arranged in the secondary flow such that heat generated by the combustion system can be passed on to the heat conducting medium. The invention also relates to a method of heating beverages with a combustion system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.860/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYMMETRIC KNUCKLE ASSEMBLY WITH DETACHABLE STEERING ARM

(51) International classification	:B62D 7/18	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANDIP KULKARNI
(87) International Publication No	: NA	2)PRANAV PATHAK
(61) Patent of Addition to Application Number	:NA	3)RAHUL SARODE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments of the present invention provide a symmetrical steering knuckle with detachable steering arm. The steering knuckle comprises a first steering arm, second steering arm and third steering arm extending radially outwards from said steering knuckle. A detachable steering arm is connected to said second or third steering arm for connecting with tie rod outer ball joint. Atleast two mounting locations are provided on said first, second and third steering arms for selectively mounting a caliper and said detachable steering arm for left hand steering knuckle assembly or right hand steering knuckle assembly as per requirement. A strut mounting arm is provided in said first steering arm for mounting with strut assembly. A lower ball joint is provided for mounting with a lower control arm.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2011

(21) Application No.885/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF INTERMEDIATES OF DONEPEZIL HYDROCHLORIDE

(51) International classification	:C07C49/755,C07D213/48,C07D213/50
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIRAMAL HEALTHCARE LIMITED

Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI- 400 013, STATE OF MAHARASHTRA, INDIA

(72)Name of Inventor :

1)GURUSAMY, RENUGADEVI

2)ROY, MITA

3)SHANMUGANATHAN, RAMASUBRAMANIAN

4)JAGTAP, ASHUTOSH

5)HARIHARAN, SIVARAMAKRISHNAN

6)MISHRA, SUSHIL KUMAR

7)WANKHEDE, KARUNA

(57) Abstract :

The present invention provides a process for the preparation of key intermediate for the synthesis 5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyI]methyl]-l-indanone hydrochloride (donepezil hydrochloride). The present invention particularly provides a process for the preparation of 5,6-dimethoxy-2-(4-pyridylmethylen)-l-indanone of formula IV comprising condensation of 5,6-dimethoxy-1-indanone of formula II with 4-pyridinecarboxaldehyde of formula III using an alkali metal hydroxide as a mild base in the presence of demineralized water as a solvent at a temperature in the range of 15°C to 45°C to yield 5,6-dimethoxy-2-(4-pyridylmethyIene)-l-indanone. which is subsequently benzylated using benzyl bromide in the presence of solvent at a reflux temperature to yield 1-benzyl-4-[(5,6-dimethoxy-l-indanone-2-yI)methyIene]pyridinium bromide of formula V.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2011

(21) Application No.887/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PROCESS FOR THE ISOLATION OF EMTRICITABINE

(51) International classification	:C07D411/04	(71) Name of Applicant : 1)PIRAMAL HEALTHCARE LIMITED Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI- 400 013, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the isolation of 4-amino-5-fluoro-1-[²(R,⁵S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(¹H)-pyrimidinone (emtricitabine) of formula I from the reaction mixture obtained by reacting (¹R,²S,⁵R)-menthyl(²S,⁵R)o-(4-amino-5-fluoro-2-oxo-1(2H)-pyrimidinyl)-K3-oxathiolane-2-carboxylate (FCME) of the formula II with a solution of sodium borohydride in aqueous sodium hydroxide in the presence of dipotassium hydrogen phosphate and 9 volumes of a polar solvent at a temperature of 15°C-20°C avoiding isolation of salt of emtricitabine, such as oxalate, monosalicylate, hydrochloride, hydrobromide, methane sulfonate etc. and subsequent conversion of salt of emtricitabine to emtricitabine free base; using simple, cost-effective and industrially applicable process.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2011

(21) Application No.892/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MILK POWDER AS A SUPER DISINTEGRATING AGENT

(51) International classification	:A23C9/152	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RASHMI DAHIMA
(32) Priority Date	:NA	Address of Applicant :SCHOOL OF PHARMACY, DAVV, TAKSHASHILA PARISAR, INDORE Madhya Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. RASHMI DAHIMA
Filing Date	:NA	2)DR. RAJESH SHARMA
(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 Pharmaceutical formulation containing a super disintegrating agent, milk powder is used as a super disintegrating agent. The composition of the present invention may further comprise a conventional pharmaceutical excipient. A further aspect of the present invention is to use milk powder as a super disintegrating agent and comparing it with cross carmellose sodium, cross povidone, sodium starch glycolate. Milk powder shows equally good results as cross carmellose sodium. Milk powder can be used as super disintegrating agent in pharmaceutical preparation as several new disintegrating agent have been developed to avoid any possible adverse effect with the increasing importance of bioavailability the present trend appears to be the formulation of fast disintegration.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2010

(21) Application No.899/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE TO ENSURE GUARD ALERTNESS

(51) International classification	:G06F 11/30	(71) Name of Applicant : 1)EVINCERE SOFTWARE SOLUTIONS PVT LTD. Address of Applicant :26, ELECTRONIC SADAN 1, BHOSARI M.I.D.C., PUNE-411026, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHARMA SUNIL INDERLAL
(87) International Publication No	: NA	2)PITALE NARENDRA HARESHWAR
(61) Patent of Addition to Application Number	:NA	3)KESKAR SUAHANT JAMES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention Device to keep guard alert contains an electronic circuit comprising a pre programmed microprocessor (i) with input devices comprising temperature sensor (2) for sensing the ambient temperature, RF (radio frequency) interface (3) for remote actuation of hooter alarm (12) and other devices, a matrix key board (4) to facilitate inputting data and parameters to be set, memory device (5) for storage of data together with a RTC (real time clock) device (6) to initiate real time action in case of hazardous and undesired situations. Every guard is given a unique code. Output devices comprise of a buzzer (7) to give signal to the guard on duty who should input his unique code as the buzzer goes on and before the buzzer goes off. If the guard misses inputting his code as above, the event is logged in the memory device (5) as guard is missing or inattentive. On activation of the panic switch the relay (10) is activated and hooter goes ON, simultaneously SMS are sent to plurality of mobile phones informing unit number at which the incident has occurred, error time and date. The hooter (12) is switched off on pressing acknowledgement key on the key board (4). When the device is started, time cycle of the buzzer (7) is set. The time cycle comprises buzzer (7) ON time and buzzer (7) OFF time in sequence. The guard should input his unique code while the buzzer (7) remains ON. The said real time computing deice (6) enables logging all the events of acknowledgements and errors in real time. Every error event is sent to a mobile phone by SMS. The SMS comprises of the device address number, time and date of the error. The acknowledgements and errors logged are scrolled up and down on the LCD display (13) for visual inspection.

No. of Pages : 28 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.851/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD OF DETECTING OPEN CIRCUIT FAILURE IN CONTROLLER AREA NETWORK (CAN)

(51) International classification	:H04L 12/10	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DIBYENDU PALAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a method for detecting open circuit failure by pin pointing location of the failure in Controller Area Network (CAN) comprising acts of monitoring (a) CAN Error-Passive failure, (b) CAN receive-message Time-out failure, and (c) CAN transmit-message Time-out failure, in any combination, in transmitting and receiving Electronic Control Units (ECUs), and recording corresponding Diagnostic Trouble Code (DTC) in the ECU to detect the open circuit failure. More specifically, the disclosure relates to deploying combinations of aforesaid monitoring strategies to detect and distinguish plurality of failure types namely Network local open circuit failure at CAN stub (or network branch) of transmitting ECU; Network global open circuit failure at the main CAN bus; Network local open circuit failure at CAN stub (or network branch) of receiving ECU; and internal failure in operating tasks within the ECU.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2010

(21) Application No.874/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WHEEL CAP WITH FLEXIBLE WHEEL BALLASTING ARRANGEMENT

(51) International classification	:B60D 1/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI-400 001 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DHORE SACHIN CHANDRAKANT
(87) International Publication No	: NA	2)RAVAL DEVANG BHANUPRASAD
(61) Patent of Addition to Application Number	:NA	3)VISHWASRAO SHEKHAR RAMDAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Easy to mount and demount, light weight, jointless and durable moulded wheel ballast for an agricultural vehicle. The wheel ballast (1) comprises a hollow cylindrical body (3) defined by an inner circular face (4), an outer circular face (5) spaced apart from the inner circular face and an annular web (6) integrally formed with the outer peripheries of the inner annular face and outer annular face. The cylindrical body has a recess (9) at the centre of the inner circular face thereof to accommodate the hub of a wheel of the vehicle and atleast one grip means (10) to facilitate handling of the wheel ballast. The cylindrical body also has a wheel tire valve exposing means (12) to facilitate access to the wheel the valve and a feed opening (25) provided with a teak tight c/osure (26). A plurality of vibration dampening mounting means (13, 14, 15) are provided for mounting the wheel ballast to the wheel. A plurality of spaced apart reliefs (24) are provided at the periphery of the inner circular face aligned with the wheel mounting bolts (25a) to avoid fouling with the wheel mounting bolts .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2011

(21) Application No.897/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A CAB MOUNTING SYSTEM WITH INTEGRATED ENERGY ABSORBER

(51) International classification	:B62D 27/04	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MISHRA ABHIJIT
(87) International Publication No	: NA	2)ATRE MANDAR K
(61) Patent of Addition to Application Number	:NA	3)KOMAR SANJU
Filing Date	:NA	4)GANGANI BHAVESH P
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein provide a cab mounting system with integrated energy absorber for vehicles to absorb the impact energy during frontal impact of the vehicles. The cab mounting system comprises a cover plate connected to an intermediate plate. The cover plate and intermediate plate comprises cut-out and slots to initiate deformation during frontal impact. A tubular member and a cab side bracket are connected to said intermediate plate. Upper end and lower end of said cab side bracket connected to said tubular member and chassis frame respectively. A lower bracket with a wrap around portion at top end is clamped to chassis frame and the bottom face of said upper bracket.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2011

(21) Application No.906/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN ELECTRIC POWER STEERING SYSTEM OF A VEHICLE AND METHOD THEREOF

(51) International classification	:B62D6/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :Bombay House 24 Homi Mody Street
Hutatma Chowk Mumbai 400 001 Maharashtra India

(72)Name of Inventor :

1)ABHIJEET A SHIRGUPPE

2)MITHUN R CHASKAR

3)YOGESH M YELWANDE

4)ROHIT K KSHIRSAGAR

(57) Abstract :

The present disclosure provides an electric power steering system of a vehicle comprising: a vehicle speed sensor mounted in a predetermined location of the steering system for measuring speed of the vehicle; a rotation sensor attached to a steering column of the steering system for measuring a direction of rotation of the steering column; a torque measuring means, mounted on a predetermined location of the steering column, for measuring the torque applied on the steering column; an electric motor with a reduction gearbox mounted on the steering column for rotating the said column in predetermined direction; a control unit interfaced with the sensors and torque measuring means to compare the measured values of torque and speed respectively with a predetermined values and to provide signal to the electric motor to rotate the steering column in the predetermined direction based on outcome of the comparison.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2010

(21) Application No.900/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE TO MONITOR MACHINE AND OPERATOR PERFORMANCE

(51) International classification	:G06F 11/30	(71) Name of Applicant : 1)EVINCERE SOFTWARE SOLUTIONS PVT LTD. Address of Applicant :26, ELECTRONIC SADAN 1, BHOSARI M.I.D.C., PUNE-411026, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHARMA SUNIL INDERLAL
(87) International Publication No	: NA	2)PITALE NARENDRA HARESHWAR
(61) Patent of Addition to Application Number	:NA	3)KESKAR SUAHANT JAMES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention Device to monitor machine and operator performance comprises an electronic circuit comprising a pre programmed microprocessor (1) with input devices comprising current sensor (2) for sensing the machine current, RF interface (3) to report emergency and failure to supervisor console at remote place, and other devices; a matrix key board (4) to facilitate inputting data and machine parameters comprising speed, pressure, temperature and other Important parameters pertaining to the machine to be set. The maximum and minimum permissible values of the machine parameters are inputted using the keyboard (4). An acknowledgement key and panic switch are provided on the said matrix key board (4). The time cycle comprises buzzer (7) ON time and buzzer (7) OFF time in sequence. The said real time Clock (6) enables logging all the events of acknowledgements and errors in real time. Output devices comprise of a buzzer (7) to give signal to the operator working on machine. Auxiliary inputs (8) comprise of data coming from speed, pressure and temperature and other sensors provided on machine. Logging includes Machine parameters comprising Current, temperature, pressure and other set parameters. If the operator takes immediate action and brings machine parameters in permissible range the operator alertness cycle continues. Said stored data comprises current, temperature, pressure and other set parameters of the machine in real time when the error occurred. The data about the machine parameters in the events of errors is valuable for planning the preventive maintenance. Pressing the toggle key to down position error data is displayed on the LCD display.

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2010

(21) Application No.938/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A TRIP COIL USED IN A CIRCUIT BREAKER

(51) International classification	:H02B 1/18	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANAS ASHOK HARIBHAU
(87) International Publication No	:N/A	2)PANDHARKAR PRASAD ANJANI
(61) Patent of Addition to Application Number	:NA	3)JOSHI ULHAS NILKANTH
Filing Date	:NA	4)BAGANIKAR UMESH VISHNU
(62) Divisional to Application Number	:NA	5)KHEDKAR PARAG PRABHAKAR
Filing Date	:NA	

(57) Abstract :

A method of forming an artificial hotspot in a coil, the artificial hotspot being a localized area on the windings of the coil adapted to get heated faster than other areas on said windings during energization thereof, the method comprising the step of compacting the windings on the coil in a select area on the coil such that the area on the coil comprising the compacted windings gets heated faster than other areas on the coil during the energization of the coil. A coil comprising an artificial hotspot (3) which being a localized area on the windings (1) of the coil adapted to get heated faster than other areas on said windings (1), said artificial hotspot (3) being formed by compacting the windings (1) on the coil in a select area on the coil such that the area on the coil comprising the compacted windings (1) gets heated faster than other areas on the coil during the energization of the coil.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2010

(21) Application No.939/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN ANTI-SEISMIC MOUNTING ASSEMBLY FOR A TRANSFORMER PROVIDED WITH WHEELS.

(51) International classification	:H01F 7/126	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)VAIDYA SAMEER SHARADCHANDRA
(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 anti-seismic mounting assembly for a transformer (1) provided with wheels (2), the wheels being mounted on a rail (4) or a rigid surface, the assembly comprising a plurality of support frames (6-9) and at least one packing plate (15) corresponding to each support frame (6-9), each frame (6-9) having a bottom surface (10) and a top surface (11) supported on the bottom surface (10) through at least one upstanding member (12) or (13), each frame (6-9) disposed below the transformer (1) such that the bottom surface (10) is mounted to the rigid surface and the top surface (11) maintaining a clearance with the bottom portion (3) of the transformer (1) to which the wheels (2) are mounted, the packing plates (15) having a thickness more than the said clearance such that when mounted on the corresponding top Surfaces (11) of each frame (6-9) in the said clearance, wheels (2) of the transformer (1) remaining elevated from the rail (4) or the rigid surface and the transformer (1) remaining supported on the frames (6-9) through the packing plates (15).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2011

(21) Application No.890/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SIMULATOR SYSTEM FOR DESULPHURIZATION OF COKE OVEN GAS AND A GAS TREATMENT METHOD USING SUCH SYSTEM.

(51) International classification	:C01B17/56	(71) Name of Applicant : 1)JSW STEEL LIMITED Address of Applicant :JINDAL MANSION, 5-A, DR. G.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	DESHMUKH MARG, MUMBAI - 400 026, STATE OF
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)DEVANNA, MAMATHA
(61) Patent of Addition to Application Number	:NA	2)PIMPLE, SUHASINI
Filing Date	:NA	3)RANJAN, MADHU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a simulator system to determine the most suitable operating parameters and catalysts required for desulphurization of coke oven gas in recovery type coke oven. Importantly, a pilot scale simulator system comprising a regeneration tower, a solution circulation tank with agitator, a chiller and a collector tank is provided to conduct off-line experiments adapted to optimize the operating parameters for desired sulphur separation in desulphurization unit in recovery coke oven byproduct plant. The pilot scale simulator system serves as an effective research tool to predetermine the operating process parameters and selective catalyst concentrations required for sulphur separation, making the actual plant operation more effective as well as productive by on one hand ensuring recovery of sulphur from coke oven gases as a byproduct and on the other hand provide clean gas free of sulphur, making it suitable for recycling.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/01/2012

(21) Application No.92/MUM/2012 A

(43) Publication Date : 01/02/2013

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

(51) International classification	:F03B 13/26	(71) Name of Applicant : 1)LEE HAN SEOK Address of Applicant :4-604 Mido 7 A.P.T 23/7 259-5 CheongCheon-dong Bupyeong-gu Incheon-si Republic of Korea.
(31) Priority Document No	:10-2011-0042827	2)MOON JE KYUNG
(32) Priority Date	:06/05/2011	(72) Name of Inventor : 1)LEE HAN SEOK 2)MOON JE KYUNG
(33) Name of priority country	:Republic of Korea	
(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 :

Provided is a tidal power generation system. The system includes a first water reservoir a second water reservoir a third water reservoir and an electricity generation apparatus. The first water reservoir includes a first water gate and a second water gate. The second water reservoir is adjacent to the first water reservoir. The second water reservoir includes a third water gate and a fourth water gate. The third water reservoir is adjacent to the first water reservoir and the second water reservoir. The third water reservoir is connected to the second water gate and the fourth water gate. The electricity generation apparatus is disposed between the first water reservoir and the second water reservoir and generates electricity using a water turbine rotated by water discharged from the first water reservoir to the second water reservoir.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.929/MUMNP/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LAUNDRY TREATMENT COMPOSITION

(51) International classification	:C11D 3/00
(31) Priority Document No	:0314210.6
(32) Priority Date	:18/06/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/006085
Filing Date	:04/06/2004
(87) International Publication No	:WO/2005/003274
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1654/MUMNP/2008
Filed on	:01/08/2008

(71)Name of Applicant :

1)HINDUSTAN UNILEVER LIMITED

Address of Applicant :HINDUSTAN LEVER HOUSE,
165/166, BACKBAY RECLAMATION, MUMBAI - 400 020,
MAHARASHTRA, INDIA

(72)Name of Inventor :

**1)BARBIZAN, DANIELLE, SANTINHO
2)BATCHELOR, STEPHEN, NORMAN;
3)GRIGOLON, LISANNE, BEATRIZ;
4)SORZE, ANDREA, DIAS;
5)STEEL, ANDREW, THOMAS;**

(57) Abstract :

A laundry treatment composition which comprises a surfactant and from 0.0001 to 0.1 wt% of a combination of dyes which together have a visual effect on the human eye as a single dye having a peak absorption wavelength on cotton of from 540 nm to 650 nm, preferably from 570 mn to 630 mn, the combination comprising a photostable dye which is substantive to cotton.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2010

(21) Application No.942/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A CORE BUILDING FIXTURE.

(51) International classification	:H01F 3/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VAIDYA SAMEER SHARADCHANDRA
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 core building fixture comprising a frame (1) corresponding to the shape of the core (5), at least one vertical member (2) placed within the frame (1) in the area corresponding to the window of the core (5), a movable horizontal arm (3) fixed perpendicularly to each vertical member (2), the horizontal arm (3) being movable along its axis and the axis of the vertical member; and at least one support link (4) for supporting and locking the position of the horizontal arm (3) on the vertical member (2).

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2011

(21) Application No.918/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SECONDARY FILTER ELEMENT

(51) International classification	:B01D46/00	(71) Name of Applicant : 1)MANN+HUMMEL GMBH Address of Applicant :HINDENBURGSTR. 45, 71638 LUDWIGSBURG, GERMANY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ANNANAYKANAHALLI ESHWARAPPA DIVYANANDA
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 secondary filter element includes a substantially rigid support tube with an airflow permeable sidewall. A filter media is mounted to the support tube and covers the airflow permeable portions of the sidewall. The media is secured by securing bands to the support tube. The bands compress the filter media into mounting grooves. A support ring contacts a primary filter element or elements to provide radial support to the filter elements. A threaded tubular extension is arranged on an end of the support tube for mounting into another threaded member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2010

(21) Application No.940/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SHUNT REACTOR.

(51) International classification	:H01F 3/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATIL SHUBHANGI SACHIN
(87) International Publication No	: NA	2)VENKATASAMI ATHIKKAN
(61) Patent of Addition to Application Number	:NA	3)BHATIA ANIL KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A shunt reactor comprising a core and coil assembly disposed in a protective tank, the core comprising at least one air-gapped central limb (2) placed between two lateral limbs (3 & 4) in a spaced apart relationship therewith, the limbs (2, 3 & 4) held vertically between a bottom yoke (6) and a top (5) yoke, all made of magnetic material laminations, and the coil comprising a main winding (7) wound concentrically over a central portion (10) of the central limb (2) and electrically insulated therefrom; and a pair of auxiliary windings (8 & 9) connected in series and wound concentrically over the respective end portions (12 & 13) of the central limb (2) and electrically insulated therefrom such that the main winding (7) remains disposed between the auxiliary windings (8 & 9) along the length of the central limb (2).

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.953/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ON THE FLY FUEL EFFICIENCY CONTROL.

(51) International classification	:F02F 1/20	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI, MODY STREET,HUTATMA, CHOWK,MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GOSAVI SANTOSH S
(87) International Publication No	: NA	2)YELWANDE YOGESH
(61) Patent of Addition to Application Number	:NA	3)CHASKAR MITHUN RAVINDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

NA

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.954/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : REMOTE BATTERY CUT OFF SYSTEM FOR AN AUTOMOBILE.

(51) International classification	:F02D 41/04	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET,HUTATMA, CHOWK,MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PARAG M.MONE
(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 discloses a remote battery cut off system which comprises; a power source (01); a cut off switch (02) for cutting off power supply; an actuation means (03) for actuating said cut off switch (02); an air supply control means (04) mounted on said actuation means (03) for controlling the air; an emergency switch (05) provided for remotely operating said cut off system by driver; said air supply control means (04) is interfaced with air tank (06) of vehicle; said actuation means (03) having a plunger (07) which activate said cut off switch (02) to cut off the power supply to wire harness means (08) and indicate the completion of power supply disconnection with the help of indicator means (09). The present invention provides and enhances safety to the occupants as well as vehicle. The present invention is cost effective, quick in response and simple in construction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.955/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STRAIGHT THROUGH COMBINATION TYPE EXHAUST MUFFLER WITH ANNULAR DISSIPATION CHAMBER.

(51) International classification	:F01N 1/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET,HUTATMA CHOWK,MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)SANJOY BISWAS 2)ANIRBAN CHAKRABORTY
(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 :

Straight through combination type exhaust muffler with annular dissipation chamber A straight through combination type exhaust muffler with annular dissipation chamber comprising of a muffler body comprising two layers outer Shell (1) and inner shell (2); at least one ceramic blanket (12) sandwiched inside said outer Shell (1) and inner shell (2) to reduce the inside noise radiation; at least one front end cover (3) and one rear end cover (4); at least three chambers separated by front baffle (5) and rear baffle (6) into first chamber, second chamber and third chamber wherein said first chamber further comprising of assembly inlet pipe (7) made of inlet pipe (7a) and inlet pipe baffle (7b) inserted centrally in first chamber to fasten it to front end cover (3); wherein said second chamber is interconnected to said first chamber through at least two number of perforated type assembly intermediate pipe (8a) and intermediate pipe baffle (8b) fastened to said front baffle (5) at equal offset distance from centre of muffler; wherein third chamber is annular dissipative type having two perforated pipes, a out let pipe (10) and outer perforated pipe (9) fastened concentrically between rear baffle (6) and rear end cover (4); and at least one high density glass wool bag adapted to be provided in space between said outer perforated pipe (9) and inner shell in this chamber for high frequency sound absorption by retaining its properties.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2011

(21) Application No.939/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A GEARBOX COMPRISING RANGE INTERLOCK MECHANISM, A METHOD OF INTERLOCKING AND A METHOD OF ASSEMBLING THEREOF

(51) International classification	:F16H63/36	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YUVARAJ M. JADHAV
(87) International Publication No	: NA	2)DEEPAK R R
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiment of the disclosure is related to heavy commercial vehicles, more particularly relates to those gearboxes comprising split type gears or planetary gearbox system also called as Range. The gearbox comprises range shifting control valve works as direction control valve and an interlock mechanism for shifting to lower range at higher range vehicle speeds than intended speed for the shift. Thus the gearbox device is controlled based on the vehicle speed. During shifting from "Low Range™" to "High Range™", the range shift control acts as normal direction control valve. But, while shifting from "High Range™" to "Low range™" at higher vehicle speeds than specified, the ECU gives signal to a solenoid valve to send air to the interlock mechanism and locks the range shifting control valve from getting operated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.959/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HYDRO-FORMED FRONT SUB-FRAME FOR A VEHICLE.

(51) International classification	:B62D 25/20	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE,24 HOMI MODY STREET,HUTATMA CHOWK,MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DHAIRYASHEEL PRABHAKAR SALUNKHE
(87) International Publication No	: NA	2)PRASAD BHASARRAO JADHAV
(61) Patent of Addition to Application Number	:NA	3)JEETENDRA PRAKASH CHAUDHARI
Filing Date	:NA	4)MANOJ BHAGWAN MORE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Hydro-formed front sub-frame for a vehicle comprising a front subframe which is mounted on a vehicle body, said subframe supports lower control arm and anti roll bar of front suspension system, rack and pinion assembly of steering system and a mount of engine, said front subframe having rear subassembly and front subassemblies, said rear subassembly having rigid lateral member, spacers at rear mounts for subframe and spacers for c-mount, said front subframe mounted at its front to long members at its either side at 31, 32 and it is mounted at its rear to the long members at its either side at 33, 34, said subframe is tubular and formed by hydroforming. The combination of the tubular butterfly hydroformed shape and the tubular horn provide excellent stiffness while retaining light weight

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2011

(21) Application No.962/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN AUTOMATED SYSTEM AND METHOD OF DETECTING AND EJECTING A DEFECTIVE OBJECT FROM A CONVEYOR BELT

(51) International classification	:B07C5/36	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MUKUND AMIN
(61) Patent of Addition to Application Number	:NA	2)SITARAM RAJU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided an automated system and method for detecting and ejecting a defective object 1 from a conveyor belt 2. The automated system comprising at least one image sensor camera 3 each adapted to capture at least one image of each object 1 being carried on the conveyor belt 2, a processing means 4 interfaced with the image sensor camera 3 for receiving said images therefrom, the processing means 4 pre-programmed to compare at least one pre-defined parameter of the object 1 captured in each received image with a corresponding reference parameter captured in pre-stored reference image within the processing means 4, determine a comparison score based on said comparison, the comparison score being indicative of the corresponding object 1 on the conveyor belt 2 being acceptable or defective; wherein upon a object being detected to be defective based on said comparison score, a control signal being generated and transmitted by the processing means 4 to an ejection means 5 interfaced therewith for actuating the ejection means 5 to eject said defective object 1 from the conveyor belt 2. (Fig 1). The method comprising the steps of capturing at least one image of each object being carried on the conveyor belt by means of an image sensor camera; receiving each image1 from the image sensor camera by a processing means; comparing within the processing means at least one predefined parameter of the object captured in each said image of each object with a corresponding reference parameter captured in pre-stored reference image; determining a comparison score within the processing means based on said comparison, the comparison score being indicative of the corresponding object on the conveyor belt being acceptable or defective; generating and transmitting a control signal by the processing means to an ejection means upon a object being detected to be defective based on said comparison score; ejecting the defective object from the conveyor belt by the ejection means upon receiving the control signal from the processing means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2011

(21) Application No.964/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS FOR TESTING FLUORESCENT LAMP

(51) International classification	:H01J9/42	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)BAGUL NILESH RAMKRISHNA
(61) Patent of Addition to Application Number	:NA	2)VELLORE PACHIAPPA BABURAJAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention comprises of an apparatus for testing fluorescent lamp comprising of a base surface, plurality of holders fixed on said base surface for receiving pair of tube pins disposed at both the sides of said fluorescent lamp, wherein each of the holders comprise of two arms in a shape of an inverted triangle, such that the pair of tube pins get locked in the holder on placing the tube over the holder due to its weight.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2011

(21) Application No.965/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OFFSET KEYWAY GAUGE

(51) International classification	:B25B27/00,G01B5/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MAHAJAN PRASHANT MAGAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a keyway offset gauge comprising of a toroidal ring having a dovetail groove at its center, wherein the gauge is slidably engaged with a shaft for a keyway, such that the centre of the keyway is parallel to the center of the shaft and the center of the gauge. Further, the aforesaid centre of the keyway, center of the shaft and the center of the gauge are in one plane.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.978/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD FOR VEHICLE IMMOBILIZATION AND SYSTEM THEREOF

(51) International classification	:B60R25/10,G06F7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TATA MOTORS LIMITED

Address of Applicant :Bombay House 24 Homi Mody Street
Hutatma Chowk Mumbai 400 001 Maharashtra India

(72)**Name of Inventor :**

1)Ajay Dandge

2)Neeraj Sharma

3)Ganesh Nalawade

(57) Abstract :

Instant disclosure is related to providing two-way immobilization for vehicles. When the primary immobilizer fails, BMC senses the failure and takes control. The BMC then performs the job of primary immobilizer to operate fuel cut off relay and starter relay. .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.980/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A SYSTEM AND METHOD TO REDUCE DRUNKEN DRIVING ACCIDENTS

(51) International classification	:B60R 21/00	(71) Name of Applicant : 1)GANGAR RAJESH Address of Applicant :B 126, UDYOG BHAVAN, GOREGAON (E), MUMBAI-400 059, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)GANGAR RAJESH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes to answer the problems faced by driving a vehicle under influence alcohol. The present invention provides that, the ignition of the vehicle shall be blocked, by any means, if the alcohol contained in the body of the driver is found more than permissible units. The mechanism proposed in the present invention shall also verify by biometric mean the identity of the driver with, whose sample is collected by breath analyzer, leaving no scope for the cheating. The invention will reduce the pressure on the law enforcing authorities on the one hand and shall reduce road accident on the other hand.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.995/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RECOVERY OF HEATER TREATER GAS FOR FUEL GAS PURPOSE

(51) International classification	:H01M8/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)OIL AND NATURAL GAS CORPORATION LTD.
(32) Priority Date	:NA	Address of Applicant :IOGPT, PHASE - II, PANVEL -
(33) Name of priority country	:NA	410221, NAVI MUMBAI, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ARCHANA SRIVASTAVA
(87) International Publication No	: NA	2)B. DAS
(61) Patent of Addition to Application Number	:NA	3)A. S. PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the recovery of gas released from the heater treaters instead of flaring while heating and treating the crude emulsion for separation of water in an oil and gas processing installation. The gas evolved from the heater treater is used by recycling the hydrocarbon gas into the fuel gas line. Taking into consideration the declining trend in future gas production and environmental concern, this step will certainly help ONGC in minimizing the avoidable gas losses and subsequently reducing green house gas emissions in the air. This scheme has the potential to save significant amount of gas and reduce carbon foot print making the system more eco-friendly. Re-utilisation of heater treater gas gives a scope for revenue generation by selling the extra gas made available.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.996/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD FOR OPTIMIZING AUDIO-VISUAL DATA IN A VIRTUAL MULTI CONFERENCE ENVIRONMENT AND A SYSTEM THEREOF

(51) International classification	:H04N5/91	(71) Name of Applicant : 1)GREAT SOFTWARE LABORATORY PVT. LTD Address of Applicant :#8, 74-75, ANAND PARK - AUNDH, PUNE - 411 007, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)ATUL NARKHEDE 2)AVIJIT SEN MAJUMDAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention provides a method for optimizing an audio visual data received from an endpoint in a virtual multi conferencing arrangement. The method includes identifying an input stream transmitted by an end point, splitting the input stream into an audio stream and/or a video stream, processing the audio stream to obtain a mixed audio stream and designating a video stream as active video stream. The method also includes collating the mixed audio stream with the active video to form a composite stream for transmission to a plurality of endpoints across the virtual multi conferencing arrangement. A system for integrating the audio visual data and optimizing the same for seamless transmission through a virtual multi conferencing environment is also provided.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2010

(21) Application No.843/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLUBIGAT EYE DROP

(51) International classification	:A61K31/00, A61K9/00	(71) Name of Applicant : 1)MR. NIKHIL KISHORE MASURKAR Address of Applicant :101, 102, GODSGIFT, PROF. ALMEIDA ROAD, BANDRA (WEST), MUMBAI - 400 050 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. NIKHIL KISHORE MASURKAR
(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 :

Presently eye drops which is prescribed in the condition of ocular conjunctivitis or in case of post operative treatment to prevent bacteria! infection or inflammation upon use by the patients causes irritation, itchiness to the user which causes the patients distress and un-comfort since the formulation is acidic in nature. Normally it is seen that patient suffering with above ailment or in post operative treatment worries as they do not want more pain or irritation caused to them during the course of healing. Patients who have already undergone a operative procedure are more wary of any pain and irritation which may cause them to rub their eyes while they are asleep or awake thereby leading to unnecessary problems and complications. To overcome this major problem the inventor has invented a totally innovative eye drop wherein Boric Acid and Borax Buffer in combination whereby the acidic nature of the solution is converted in to neutral solution neutral pH hence eradicates the above mention problem.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.951/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : 'A SOLAR CENTRAL RECEIVER SYSTEM EMPLOYING COMMON POSITIONING MECHANISM FOR HELIOSTATS'

(51) International classification	:H01L 31/058,F24J2/38,F24J2/40,F03J 6/06	(71) Name of Applicant : 1)RAVINDRA KRISHNAJI PATWARDHAN Address of Applicant :1979 SADASHIV PETH, PUNE 411 030, MAHARASHTRA, INDIA 2)RAJEEV SURYAKANT PANDIT
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAVINDRA KRISHNAJI PATWARDHAN
(33) Name of priority country	:NA	2)RAJEEV SURYAKANT PANDIT
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solar central receiver system employing common positioning mechanism for heliostats relates to a system of concentrating and harvesting solar energy. Common positioning mechanism for heliostats of said system is employed for orienting said heliostats with respect to a stationary target and the sun such that incident solar radiation upon said heliostats is focused on said stationary target. Subsequent to each said orientation of said heliostats. collective disposition of said heliostats always forms an arrangement that is capable of reflecting and thereby focusing entire incident solar radiation on to said stationary object. Said stationary object can be a central receiver or a collecting reflector or collecting reflectors. When a collecting reflector or collecting reflectors are used as a stationary object, incident solar radiation upon said heliostats is focused on said collecting reflector or reflectors from dawn to dusk and thereby deliver concentrated solar radiation upon said collecting reflector/s. Said collecting reflector or collecting reflectors re-reflect and focus said delivered solar radiation onto a receiver, wherein said receiver is placed at a focal point of said collecting reflector/s. Said central receiver or said receiver or said receivers absorb incident concentrated solar energy and convert it to thermal energy by heating a heat transfer fluid. Energy conversion system utilized for the heated heat transfer fluid can be a Rankine cycle conversion system or a Brayton cycle conversion system.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.982/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN INTERCOOLER OF AN AUTOMOBILE AND METHOD THEREOF□

(51) International classification	:B60H1/08,B60H1/22	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NILESH S MIRAJKAR
(87) International Publication No	: NA	2)RAJESH A T
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides an intercooler of an automobile comprising: an intercooler body consisting an inlet manifold on one end and an outlet manifold on other end, plurality of tubes comprising an internal flow path provided inside the intercooler body for supplying intake air from the inlet manifold to the outlet manifold, plurality of fins arranged on the tubes to facilitate heat exchange between the intake air and cooling fluid, and plurality of shields joined on predetermined peripheral locations of the intercooler body.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.998/MUM/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF HIGHLY PURE 3-DIMETHYLAMINOPHENYL DIMETHYLCARBAMATE

(51) International classification	:C07C269/06,C07C271/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NEON LABORATORIES LTD.

Address of Applicant :DAMJI SHAMJI INDUSTRIAL COMPLEX, MAHAKALI CAVES ROAD, ANDHERI(EAST), MUMBAI - 400093, MAHARASHTRA, INDIA

(72)**Name of Inventor :**

1)DALVI, MAHESH BHAGOJI

2)KENNY, RAJESH SHASHIKANT

3)TARADE, PRADEEP KISAN

4)CHINCHKAR, DATTATRAY KRISHNA

(57) Abstract :

The invention discloses a novel process for preparation of highly pure 3-dimethylaminophenyl dimethylcarbamate via formation of aryl dimethylcarbamate which can be easily obtained from diaryl carbonate and dimethylamine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.956/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ADJUSTABLE GEAR SHIFT LINK MECHANISM FOR MANUAL TRANSMISSIONS.

(51) International classification	:F16H 63/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET,HUTATMA, CHOWK,MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ANAND DAMAMI
(87) International Publication No	: NA	2)SANDEEP SONI
(61) Patent of Addition to Application Number	:NA	3)DEEPAK NALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Adjustable gear shift link mechanism for Manual transmissions The present invention discloses an adjustable gear shift link mechanism for manual transmissions comprising an extension arm or remote shift arm (1) securely connected to the gearbox, a selector shifter shaft (2) of the gear shifter unit connected to the shifting yokes (4) and (7). The turnbuckle arrangement comprises of u-clamp arrangements (8) and (14) connected to the gear shifter unit on one end and gear shift lever (17) on the other end. The Left Hand thread housing (9) and Right Hand thread housing (13) are provided on said turnbuckle arrangement to facilitate the change in the length of said gear shift link and securing the changed length by fastening means. The shift block (15) securely tightened to said extension arm (1) by fastening means is configured for adjusting the length of said turnbuckle assembly. The support bush (21) securely fixed to the extension arm support bracket (23) by fastening means is configured for securely guiding the rear support of the extension arm (1) to facilitate the change in the vertical direction or height of said gear shift link and securing the changed height by fastening means, at The gear shift knob (19) is securely fixed on the gear shift lever (17) by fastening means with lock nut 18. there is a provision for movement of the gear shift knob 19 in Z direction by approx. 10 mm, the lock nut 18 shall be re-tightened to the designed torque after adjustment of the height.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2010

(21) Application No.957/MUM/2010 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COST-EFFECTIVE VORTEX FLOW TYPE EXHAUST MUFFLER

(51) International classification	:F01N 3/02,F01N 1/08	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)MR. SANJOY BISWAS 2)ANIRBAN CHAKRABORTY 3)SANJAY SHARMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention discloses a cost-effective vortex flow type exhaust muffler comprising of a muffler body comprising two layers outer shell (1) and inner shell (2). The ceramic blanket (3) is sandwiched inside said outer shell (1) and inner shell (2) to reduce the inside noise radiation and increase insulation properties. The front end cover (4) and one rear end cover (5) are configured to complete the muffler volume. The conical perforated tube (7) is fastened to said rear end cover (5) and said inner shell (2). The assembly inlet pipe (8) fastened on both the muffler shell tangentially consists of an inlet pipe (8a) and pipe flange (8b). The perforated baffle (6) is fitted near said assembly inlet pipe (8). The glass wool bag 1 (10) is placed between the front end cover (4) and said perforated baffle plate (6) to absorbs the high frequency noise of pulsating exhaust gas. The glass wool bag 2 (11) is placed between said inner shell (2) and said conical perforated tube (7) to absorbs the high frequency noise. The outlet pipe (9) is configured to be inserted into and fastened with rear end cover (5) and the tail pipe (12) is clamped with the said muffler outlet pipe (9) and rear end cover (5) together with pipe clamping arrangement (13) and (14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1011/KOL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LED PROJECTOR LAMP FOR VEHICULAR HIGH AND LOW BEAM LIGHTS

(51) International classification	:B60Q1/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WEN-SUNG HU

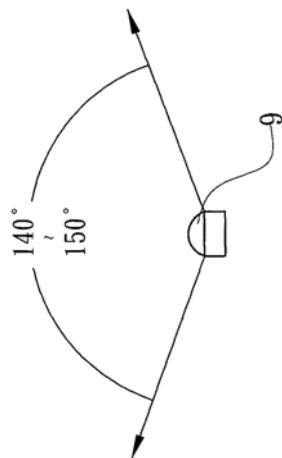
Address of Applicant :NO.1-1, TAIZI 4TH ST., RENDE DIST., TAINAN CITY, TAIWAN, R.O.C

(72)Name of Inventor :

1)WEN-SUNG HU

(57) Abstract :

A LED projector lamp includes a convex lens covering a front opening of a lamp holder and having a center. A high beam light source with at least one LED is disposed on a base plate and corresponds to the center of the convex lens. A low beam light source with at least one LED is disposed on the base plate and located at a position corresponding to an upper right side or an upper left side of the convex lens center, or to a position just above the convex lens center. The high beam light source projects a full beam of fixed projection angle through the center of the convex lens. The low beam light source projects a dipped beam through a lower right side or a lower left side of the convex lens center, or just beneath the convex lens center. The LED projector lamp is applicable for left and right hand drive cars and motorbikes for illumination of long and short distances.



No. of Pages : 30 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1090/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR INDICATING A DM-RS ANTENNA PORT IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B 7/26
(31) Priority Document No	:10-2010-0012806
(32) Priority Date	:11/02/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/000939
Filing Date	:11/02/2011
(87) International Publication No	:WO 2011/099811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU,SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA,

(72)**Name of Inventor :**

1)YOUN SUN KIM

2)JIN KYU HAN

3)SUNG TAE KIM

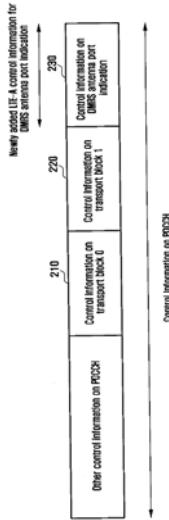
4)MYUNG HOON YEON

5)CHENG SHAN

6)IN HO LEE

(57) Abstract :

A control information interpretation method for use in a mobile communication system including a terminal and a base station, wherein the terminal receives, from the base station, control information including transport block information and DeModulation Reference Signal (DM-RS) antenna port allocation indication information, checks a number of the transport blocks allocated to the terminal based on the transport block information, and interpreting the DM-RS antenna port allocation indication information according to the number of transport blocks.



No. of Pages : 83 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1098/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SERVICE SCHEDULING SYSTEM AND METHOD, AND CONTROL DEVICE

(51) International classification	:H04L 12/56
(31) Priority Document No	:200910210869.8
(32) Priority Date	:11/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/078537
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/057553
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

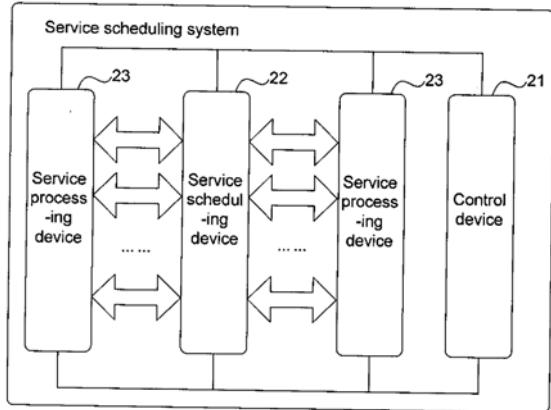
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN, GUANGDONG 518057, CHINA

(72)Name of Inventor :

1)SHEN, YUHUA

(57) Abstract :

The disclosure discloses a service scheduling system, a service scheduling method, and a control device; the control device is added to the service scheduling system, and the control device obtains connection status information of each bus port in the service scheduling system respectively, updates a first corresponding relationship between transfer units in a service scheduling device and transfer units in service processing devices according to the obtained connection status information of the bus port when judging that changed connection status information is obtained, and sends the updated first corresponding relationship to the service scheduling device to enable the service scheduling device to schedule services to be scheduled according to the updated first corresponding relationship. By means of the technical solutions provided by the disclosure, the problem presenting in the prior art that modifying the software codes when the corresponding relationship among the transfer units is updated results in the poorer expansibility of the service scheduling system and the lower processing efficiency of the system can be solved.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1099/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR EVALUATING CROSS-CELL COVERAGE

(51) International classification	:H04W 24/02
(31) Priority Document No	:200910209140.9
(32) Priority Date	:28/10/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073177
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/145418
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN, GUANGDONG 518057, CHINA

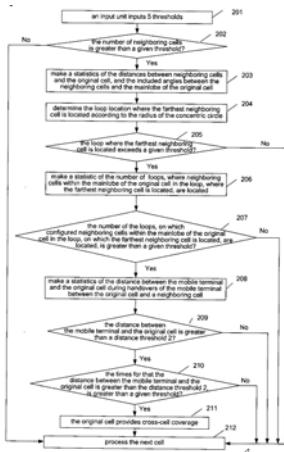
(72)Name of Inventor :

1)LI, HE

2)PEI, HUIMIN

(57) Abstract :

The present disclosure provides a method for evaluating cross-cell coverage, which includes: finding, according to a neighboring cell configuration table of a cell in a base station, a cell with a number of configured neighboring cells that is larger than a number threshold for configured neighboring cells; designating the found cell as an original cell; carrying out a processing to obtain the cross-cell coverage evaluation parameters of the original cell; and determining the original cell i provides and/or suffers from cross-cell coverage when the cross-cell coverage evaluation parameter of the original cell exceeds respective cross-cell coverage evaluation thresholds. The present disclosure further provides an apparatus for evaluating cross-cell evaluation, which is capable of determining whether or not a cell provides cross-cell coverage to make parameters of a wireless network adjusted timely and limit the coverage of the wireless network in a supposed one.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1081/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD OF TESTING THE TIGHTNESS OF WATER CONDUCTING COMPONENTS IN A HOUSING

(51) International classification	:G01M 3/04
(31) Priority Document No	:10 2009 056 172.2
(32) Priority Date	:27/11/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/066403 :28/10/2010
(87) International Publication No	:WO 2011/064067
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)INFICON GMBH

Address of Applicant :BONNER STR. 498, 50968 K-LN,
GERMANY

(72)Name of Inventor :

1)GROSSE BLEY, WERNER

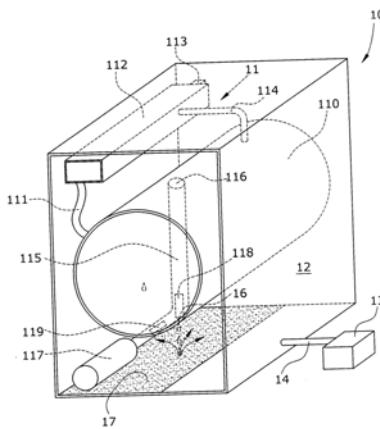
2)KÜSTER, GERHARD

3)BERGMANN, JOACHIM

4)WOLDT, ERIK

(57) Abstract :

The invention relates to the use of an indicator for testing the tightness of water conducting components (11) in a housing (10) which is either mixed into the water or released upon contacting water drops or generated from a generative material upon contact with water. According to the invention, the presence of the indicator in gaseous or vaporous form is detected by a sensor (13).



No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1088/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER DISTRIBUTION SYSTEM FOR BUILDING AND PROTECTION METHOD FOR MAIN LINE THEREOF

(51) International classification	:H02J 3/00	(71) Name of Applicant :
(31) Priority Document No	:2009-255404	1)PANASONIC CORPORATION
(32) Priority Date	:06/11/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/002748	1)YOSHIKAZU SHIKATA
Filing Date	:28/10/2010	2)HIROAKI KOSHIN
(87) International Publication No	:WO 2011/055195	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power distribution system for a building includes an electric current sensor for detecting a value of a current flowing from a commercial AC power source through a main line in a building and a storage battery installed in the building. When the current value detected by the electric current sensor reaches a predetermined value, a supply of an electric power to the building from the storage battery is initiated. The power distribution system further includes an overcurrent protection unit. The building includes sections individually equipped with electric power supply systems, and the overcurrent protection unit protects the main line of the building from an overcurrent by initiating the supply of the electric power from the storage battery to the building when the current value detected by the electric current sensor becomes equal to or greater than a predetermined current value for the initiation of main line protection.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1089/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HYDROPHILIC POLYMER COMPOUND HAVING ANTICOAGULATION EFFECT

(51) International classification	:C08G 81/00
(31) Priority Document No	:2009-292146
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073092
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/078208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	: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)SAKAGUCHI HIROKAZU

2)SAKAGUCHI YUKA

3)TANAHASHI KAZUHIRO

(57) Abstract :

An object of the present invention is to provide a hydrophilic polymer compound which can inhibit both of the blood coagulation reactions in the primary hemostasis stage in which platelets are involved and in the coagulation thrombus formation stage in which blood coagulation factors are involved, which hydrophilic polymer compound can be firmly immobilized on the surface of medical devices or medical materials, in the state retaining the anticoagulant activity. The present invention provides a hydrophilic polymer compound comprising a polymer compound which inhibits platelet adhesion, and a compound that inhibits blood coagulation reaction, bound to said polymer compound.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1097/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER DISTRIBUTION SYSTEM

(51) International classification	:H02J 3/38
(31) Priority Document No	:2009-255465
(32) Priority Date	:06/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002704
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/055186
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

(72)Name of Inventor :

1)HIROAKI KOSHIN

2)AKIRA YOSHITAKE

3)YUUSUKE IWAMATSU

4)KEI KAWAGUCHI

(57) Abstract :

Disclosed is a power distribution system equipped with: a DC electric power system for supplying a DC electric power to a DC load via a DC supply line; an AC power system for supplying an AC electric power from an AC power supply; and a battery which is connected to the DC supply line. The power distribution system is further equipped with: a charging/discharging circuit which charges the battery with electric power from the DC supply line and discharges the electric power from the battery to the DC supply line; a reverse power flow electric power detection circuit which detects the electric power in the reverse power flow to the AC power supply; and a control unit which adjusts the electric power in the reverse power flow to the AC power supply by charging/discharging the battery on the basis of the detection results of the reverse power flow electric power detection circuit.

No. of Pages : 110 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1102/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LAUNDRY PROCESSING DRUM AND LAUNDRY PROCESSING APPARATUS USING THE SAME

(51) International classification	:D06F 37/06	(71) Name of Applicant :
(31) Priority Document No	:200920272511.3	1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant :CARL-WERY-STR. 34, 81739
(32) Priority Date	:03/12/2009	MÜNCHEN GERMANY
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/068636	1)TANG, HUIJUN 2)GE, WEINAN 3)LIU, JIANNING
Filing Date	:01/12/2010	
(87) International Publication No	:WO 2011/067287	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A laundry processing drum 30 for a laundry processing apparatus 100 is provided. The laundry processing drum 30 includes a main body 31 having a drum wall 31 that basically shapes like a cylinder, and a front cover 32 and a rear cover 33 respectively disposed on opposite axial ends of the drum wall 31. The front cover 32 and the rear cover 33 define an accommodating cavity 34 together with the drum wall 31, so as to accommodate laundry to be processed. The main body 31 includes at least one lifting rib 311 integrally formed on the drum wall 31 and protruding into the accommodating cavity 34, so as to lift the laundry during rotation of the laundry processing drum 30, and at least one strengthening rib 312 disposed on the drum wall 31 close to the lifting rib 311. Through the structure, the strength of the laundry processing drum 30 is improved, and the service life of the laundry processing apparatus 100 is prolonged.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1082/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BANANA STORAGE AND SHIPPING BAGS

(51) International classification	:B65D 81/00
(31) Priority Document No	:61/249,272
(32) Priority Date	:07/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051042
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/043992
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :250 EAST FIFTH STREET
CINCINNATI, OHIO 45202 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ALFARO, MAYNOR

2)MURILLO, FRANCISCO

(57) Abstract :

A film for wrapping respiring produce is disclosed. The film comprises from about 2% to about 22% ethylene vinyl acetate (EVA) with the balance of the film selected from food-safe, EVA-compatible, thermoplastic resins, such as low density polyethylene, linear low density polyethylene, and mixtures of those materials. A bag for storage and shipment of respiring produce, such as bananas, made from that film material, as well as a method for shipping and storing respiring produce, such as bananas, avocados, salad components or flowers, utilizing that bag, are also disclosed.

No. of Pages : 25 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1083/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER-LIMIT REPORTING IN A COMMUNICATION SYSTEM USING CARRIER AGGREGATION

(51) International classification	:H04W 72/12	(71) Name of Applicant :
(31) Priority Document No	:09 013 756.3	1)PANASONIC CORPORATION
(32) Priority Date	:02/11/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 5718501, JAPAN
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/006423	1)FEUERSANGER, MARTIN
Filing Date	:20/10/2010	2)L-HR, JOACHIM
(87) International Publication No	:WO 2011/050921	3)WENGERTER, CHRISTIAN
(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 methods for informing an eNodeB on the transmit power status of a user equipment in a mobile communication system using component carrier (CC) aggregation. Furthermore, the invention is also related to the implementation of these methods by hardware and their implementation in software. The invention proposes procedures that allow the eNodeB to recognize the power usage status of a UE in a communication system using carrier aggregation. The UE indicates to the eNodeB, when the UE is close to using its total maximum UE transmit power or when it has exceeded same. This is achieved by the UE including indicator(s) and/or new MAC CEs to one or more protocol data units transmitted on respective component carriers within a single sub-frame that is providing the eNodeB with power status information. The MAC CEs may report a per-UE power headroom. Alternatively, the MAC CEs may report per-CC power headrooms and/or power reductions applied to the respective uplink CCs.

No. of Pages : 122 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1094/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IL-17 FAMILY CYTOKINE COMPOSITIONS AND USES

(51) International classification	:A61K 39/395
(31) Priority Document No	:61/278,779
(32) Priority Date	:10/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/052194 :11/10/2010
(87) International Publication No	:WO 2011/044563
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)THE BOARD OF TRUSTEES OF THE LELAND

STANFORD JUNIOR UNIVERSITY

Address of Applicant :1705 EL CAMINO REAL, PALO ALTO, CA 94306 UNITED STATES OF AMERICA

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(72)Name of Inventor :

1)BARNES, THOMAS, M.

2)SCHMIDT, MICHAEL, M.

3)KING, BRACKEN, M.

4)GARCIA, CHRISTOPHER, K.

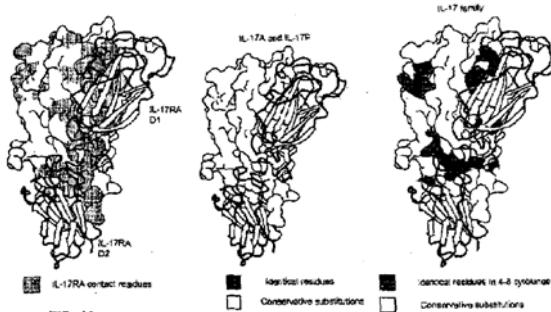
5)REDDY, SASHANK

6)SIECZKIEWICZ, GREGORY, JAMES

7)ELY, LAUREN, K.

(57) Abstract :

Binding proteins, including non-naturally occurring and recombinantly modified proteins that bind to an IL-17R and including proteins having a mutated IL-17 cytokine sequence, methods of making such molecules and methods of using such molecules as therapeutic, prophylactic and diagnostic agents are provided.



No. of Pages : 115 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1095/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/256,717
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054810
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/053831
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROMETHEUS LABORATORIES INC.

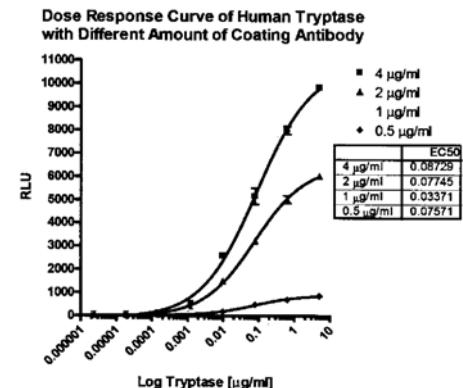
Address of Applicant :9410 CARROLL PARK DRIVE, SAN DIEGO, CALIFORNIA 92121-5201 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)GONG, HUA
2)WANG, SHUI, LONG
3)SINGH, SHARAT**

(57) Abstract :

The invention provides novel biomarkers, kits, and methods of diagnosing, prognosing, and subtyping IBS. Also provided are methods for aiding in the diagnosis of irritable bowel syndrome by detecting the serum level of novel IBS biomarkers identified herein.



No. of Pages : 206 No. of Claims : 154

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1100/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AIR TREATMENT SYSTEM

(51) International classification	:B60T 17/00
(31) Priority Document No	:102009052786.9
(32) Priority Date	:11/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067107
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/058006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH

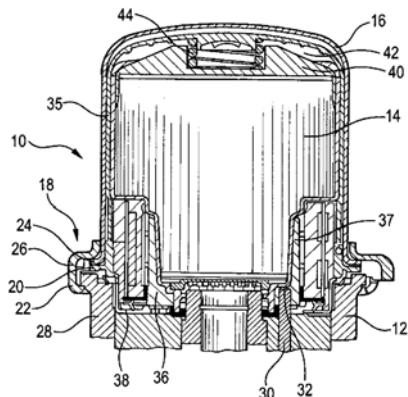
Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN GERMANY

(72)Name of Inventor :

1)SCHÄBEL, STEFAN

(57) Abstract :

The invention relates to an air treatment system (10) for a utility vehicle, having a housing (12), having a drying agent cartridge (14) which is or can be connected to the housing (12), having a covering housing (16) for covering the drying agent cartridge (14), wherein the covering housing (16) is connected in a positively locking manner to the drying agent cartridge (14).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1101/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STEEL, STEEL FLAT PRODUCT, STEEL PART AND METHOD FOR PRODUCING A STEEL PART

(51) International classification	:C22C 38/04
(31) Priority Document No	:10158923.2
(32) Priority Date	:01/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/055117
Filing Date	:01/04/2011
(87) International Publication No	:WO 2011/121118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GERBER, THOMAS

2)HECKELMANN, ILSE

3)HELLER, THOMAS

4)MURA, JULIA

5)NORDEN, MARTIN

6)VIVES DIAZ, NICOLAS

(57) Abstract :

The invention relates to a steel, to a steel flat product, to a steel part produced from it by hot forming with subsequent hardening and to a method for producing such a steel part. In order to guarantee to a high degree of reliability that a part produced from it in each case possesses high strength values and an increased elongation at break, the steel according to the invention contains (in % wt.) C: 0.15 - 0.40 %, Mn: 1.0 - 2.0 %, Al: 0.2 - 1.6 %, Si: 0 - 1.4 %, total of the contents of Si and Al: 0.25 - 1.6 %, P: 0 - 0.10 %, S: 0 - 0.03 %, Cr: 0 - 0.5 %, Mo: 0 - 1.0 %, N: 0 - 0.01 %, Ni: 0 - 2.0 %, Nb: 0.012 - 0.04 %, Ti 0 - 0.40 %, B: 0.0010 - 0.0050 %, Ca: 0 - 0.0050 %, remainder iron and unavoidable impurities. In order to produce a part according to the invention, a steel flat product consisting of a steel according to the invention is heated to a temperature of 780 - 950 °C and subsequently hot formed into the steel part. The steel part obtained in this way is then cooled in an accelerated manner, so that the steel part obtained after cooling, at least in the area of the high-strength steel, has a microstructure which consists of martensite, austenite and up to 20 % by area of ferrite.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1084/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CO-EXTRUDED LAYERED CANDY AND GUM APPARATUS AND METHODS

(51) International classification

:A23G 3/54

(31) Priority Document No

:61/249,927

(32) Priority Date

:08/10/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/051840

Filing Date

:07/10/2010

(87) International Publication No

:WO 2011/044373

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

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2)ELEJALDE, CESAR CARLOS

3)JEAN, ALEJANDRO

4)JANI, BHARAT

5)LOPEZ, ANA LUCIA

6)MELÉNDEZ, FERNANDO

7)PETTIGREW, SUSAN J.

8)RAIBLE, DUANE

9)RAMIREZ, IVONNE

10)TECANHUEY, MARGARITA

11)VÁZQUEZ, IRÁN

12)ALDRIDGE, ALLEN

(57) Abstract :

Methods and apparatus are provided for preparing multi-layered confectionery compositions. The multi-layered confectionery compositions are formed using a co-extrusion process of at least two different confectionery compositions that have at least one visual or sensorial distinction. The tolerances of the resulting pieces of the multi-layered confectionery composition are maintained such that the pieces can be packaged in rigid packaging. The processing parameters of processing of the plurality of confectionery compositions prior to the step of cutting and wrapping the pieces can be altered so as to maintain the average piece size within a predetermined tolerance level.

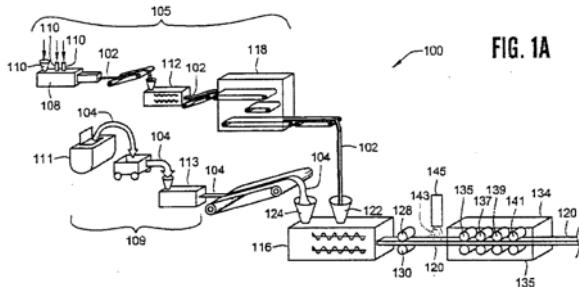


FIG. 1A

No. of Pages : 75 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1091/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INSPECTION DEVICE AND METHOD FOR POSITIONING AN INSPECTION DEVICE

(51) International classification	:G02B 23/24
(31) Priority Document No	:09014043.5
(32) Priority Date	:10/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067114
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/058010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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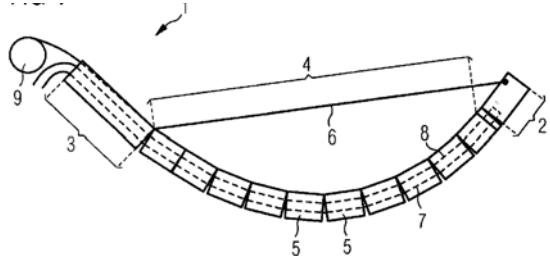
(72)Name of Inventor :

1)BRODA, KARSTEN

2)HOFMANN, RAINER

(57) Abstract :

The invention relates to an inspection device (1) comprising a distal area (2), a proximal area (3), and a flexible area (4) disposed between the distal area (2) and the proximal area (3). The flexible area (4) thereby comprises a plurality of segments (5) disposed displaceably to each other. At least one external guide element (6) is disposed outside of the flexible area (4), between the distal area (2) and the proximal area (3) so that the distal area (2) can be displaced with respect to the proximal area (3) by means of the external guide element (6).



No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1093/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ESTERS AS PERFUMING INGREDIENTS

(51) International classification	:C07C 69/24
(31) Priority Document No	:09174999.4
(32) Priority Date	:04/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054673
Filing Date	:15/10/2010
(87) International Publication No	:WO 2011/055251
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIRMENICH SA

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(72)Name of Inventor :

1)FANKHAUSER, PETER

2)MADDALENA, UMBERTO

(57) Abstract :

The present invention relates to some perfuming ingredients which are esters of formula (I) wherein R1 and R2 represent each a hydrogen atom or a methyl or ethyl group; and R3 represents a C5-C8 group of formula saturated or unsaturated linear, branched or cyclic group.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1108/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ROTARY ELECTROMAGNETIC ACTUATOR

(51) International classification	:F01L 1/18
(31) Priority Document No	:0920152.6
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051908
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/061528
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)WYGNANSKI, WLADYSLAW

(57) Abstract :

A rotary electromagnetic actuator is provided which is suitable for opening and closing a valve for example. The actuator comprises a rotor (10), a stator (16), and a biasing arrangement (20, 100, 102, 104, 106) for applying a torque to the rotor during at least part of its rotation. A plurality of stable rest positions (200; 316, 318; 400) for the rotor are defined by forces acting on the rotor and the actuator is controllable to move the rotor from one stable rest position to another. The torque applied by the biasing arrangement varies with the rotational position of the rotor such that at a primary rest position and at least a second rest position, it is sufficiently low to enable selection of those positions, and then it increases beyond the second rest position.

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1114/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SPARK PLUG WITH PLATINUM-BASED ELECTRODE MATERIAL

(51) International classification	:H01T 13/39
(31) Priority Document No	:61/264,074
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058054
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/066425
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MA, SHUWEI

(57) Abstract :

A spark plug for an internal combustion engine has one or more electrodes with an electrode material of a platinum (Pt) based alloy. The alloy includes aluminum (Al) and one or more refractory metals selected from the group containing nickel (Ni), rhenium (Re), ruthenium (Ru), tantalum (Ta), molybdenum (Mo), and tungsten (W). In at least some of the disclosed alloys, the aluminum contributes to the formation of an aluminum oxide (Al_2O_3) layer on a surface of the electrode material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1115/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OVERVOLTAGE PROTECTION ELEMENT

(51) International classification	:H01H 37/46
(31) Priority Document No	:10 2009 053 145.9
(32) Priority Date	:05/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006738
Filing Date	:05/11/2010
(87) International Publication No	:WO 2011/054524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)DEPPING, CHRISTIAN
2)DURTH, RAINER
3)FINIS, GERNOT
4)MEYER, THOMAS
5)CHRIST, ANDREAS**

(57) Abstract :

The invention illustrates and describes an overvoltage protection element with a housing (2), with an overvoltage-limiting component (3, 3) arranged in the housing (2), in particular a varistor or a gas-filled surge arrester, and with two connection elements (4, 5) for electrically connecting the overvoltage protection element (1) to the current or signal path to be protected, wherein in the normal state of the overvoltage protection element (1), the connection elements (4, 5) are each in electrically conductive contact with a pole of the overvoltage-limiting component (3, 3). In the case of the overvoltage protection element (1) according to the invention, both a reliable and effective electrical connection in the normal state and reliable isolation of a defective overvoltage-limiting component are ensured by virtue of the fact that a thermally expandable material (6) is arranged within the housing (2) in such a way that, in the event of thermal overload of the overvoltage-limiting component (3, 3), the position of the overvoltage-limiting component (3, 3) can be varied owing to an expansion of the thermally expandable material (8) relative to the position of the connection elements (4, 5) in such a way that at least one pole of the overvoltage-limiting component (3, 3) is no longer in electrically conductive contact with the corresponding connection element (4, 5).

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1103/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING CARRIER CONTROL

(51) International classification	:H04W 52/02
(31) Priority Document No	:200910236510.8
(32) Priority Date	:23/10/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072259
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/145336
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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GUANGDONG 518057, CHINA

(72)**Name of Inventor :**

1)HU, HAIYING

2)QIAN, QIANG

(57) Abstract :

The present disclosure provides a method and system for realizing a carrier control. The method includes: a BBU obtains and collects on-off state information of corresponding logic carriers of all configured cells and logic physical relationships of carrier frequencies according to on-off states of physical carriers reported by RRUs and reports them to a Base Station Controller (BSC); the BSC re-determines the on-off states of the logic carriers and returns them to the BBU; and the BBU converts the obtained on-off states of the logic carriers into on-off states of the physical carriers and transmits them to corresponding RRUs, and the RRUs perform carrier controls according to the obtained on-off states of the physical carriers. By the method of the present disclosure, the BSC ensures itself to be consistent with the on-off states of the carriers of the RRU by effectively controlling the on-off states of the RRU through the BBU, so that carriers are well controlled and the target of saving energy and reducing consumption is better achieved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1110/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BIOERODIBLE WRAPS AND USES THEREFOR

(51) International classification	:A61F 2/04
(31) Priority Document No	:61/255,699
(32) Priority Date	:28/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/054444 :28/10/2010
(87) International Publication No	:WO 2011/056705
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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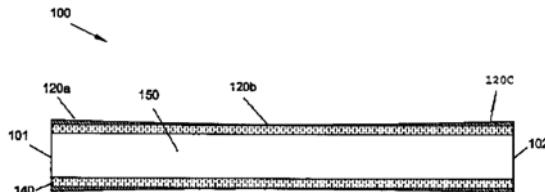
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(72)Name of Inventor :

- 1)EL-KURDI, MOHAMMED
- 2)FLAHERTY, J. CHRISTOPHER
- 3)HONG, YI
- 4)MCGRATH, JONATHAN
- 5)SOLETTI, LORENZO
- 6)STANKUS, JOHN
- 7)VORP, DAVID
- 8)WAGNER, WILLIAM

(57) Abstract :

A tubular tissue graft device is provided comprising a tubular member and a restrictive fiber matrix of a bioerodible polymer about a circumference of the tubular tissue. The matrix may be electrospun onto the tubular tissue. In one embodiment, the tubular tissue is from a vein, such as a saphenous vein, useful as an arterial graft, for example and without limitation, in a coronary artery bypass procedure. Also provided is method of preparing a tubular graft comprising depositing a fiber matrix of a bioerodible polymer about a perimeter of a tubular tissue to produce a tubular tissue graft device. A cardiac bypass method comprising bypassing a coronary artery with a tubular tissue graft device comprising a vein and a restrictive fiber matrix of a bioerodible polymer about a circumference of the vein also is provided.



No. of Pages : 117 No. of Claims : 222

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1111/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION

(51) International classification	:A61K 31/7042
(31) Priority Document No	:61/254443
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2010/068660
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/049191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SAKAURA, KEISUKE

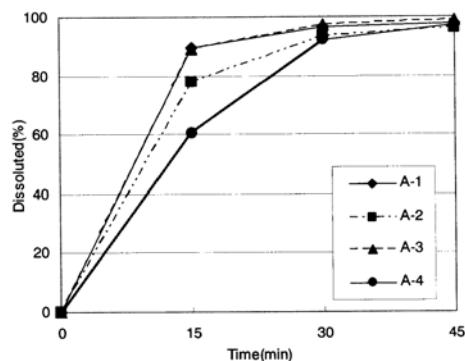
2)KATAKAWA, YOSHIFUMI

3)TAMURA, TETSUYA

4)SAKO, KAZUHIRO

(57) Abstract :

The present invention provides a solid pharmaceutical composition comprising a cocrystal of (1S)-1,5-anhydro-1-[3-(1-benzothien-2-ylmethyl)-4-fluorophenyl]-D-glucitol and L-proline, in combination with crystalline cellulose, and also provides a method for producing the composition.



No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1119/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BEARING DEVICE HAVING A SENSOR FOR MEASUREMENT OF THE BEARING CONTACT FORCE OF A ROTATING SHAFT

(51) International classification	:F16C 19/52	(71) Name of Applicant :
(31) Priority Document No	:09014802.4	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:27/11/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MÜNCHEN GERMANY
(86) International Application No	:PCT/EP2010/067798	(72) Name of Inventor :
Filing Date	:19/11/2010	1)LÜNEBURG, BERND
(87) International Publication No	:WO 2011/064144	2)BIEHL, SASKIA
(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 bearing device (10) for bearing a shaft having a bearing (15), a supporting structure (16) for supporting the bearing (15) and at least one piezo resistive sensor (24, 30, 50) incorporated in the supporting structure (16) in an integrated manner which is arranged in the flux region of the bearing apparatus (10), wherein the electrical resistance of the sensor (24, 30, 50) is influenced by the vertical force of the bearing (15) having effect on the sensor (24, 30, 50) such that the vertical force of the bearing (15) can be electrically tapped on the sensor (24, 30, 50). The invention further relates to a corresponding method for determining the static and/or dynamic vertical bearing forces of the shaft bearing of a shaft, a control system and the use of a piezo resistive sensor for determining the vertical bearing force of a shaft bearing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1109/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS

(51) International classification	:G01N 33/50
(31) Priority Document No	:61/253,393
(32) Priority Date	:20/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053386
Filing Date	:20/10/2010
(87) International Publication No	:WO 2011/050069
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)SINGH, SHARAT

2)LIU, XINJUN

(57) Abstract :

The present invention provides antibody-based arrays for detecting the activation state and/or total amount of one or a plurality of oncogenic fusion proteins in a biological sample such as whole blood or tumor tissue and methods of use thereof. In certain instances, the activation state and/or total amount of oncogenic fusion protein(s) present in a sample can be measured in combination with one or a plurality of signal transduction molecules. The compositions and methods of the present invention have the advantages of specificity associated with enzyme-linked immunosorbent assays, sensitivity associated with signal amplification, and high-throughput multiplexing associated with microarrays.

No. of Pages : 157 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1116/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SHOWER HEAD

(51) International classification	:A47K 3/28
(31) Priority Document No	:10 2009 046 632.0
(32) Priority Date	:11/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/064566
Filing Date	:30/09/2010
(87) International Publication No	:WO 2011/057859
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)RAAB, STEFAN

2)BRUCKMANN, STEFAN

(57) Abstract :

The invention relates to a shower head having a rigid housing (1), having a connection for a water line (4) and at least one water transport channel which can be connected to the water line (4) and which ends in nozzles which are arranged on the side of the housing (1) pointing down when in use and through which water streams emerge, wherein the housing (1) has an elongated, flat shape. The aim of the invention is to develop a simple and cost-effectively produced shower head which generates a concentrated water stream and also generates a broad water curtain. Said aim is achieved in that the nozzles are substantially distributed over the entire length of the housing (1) and a manually activated shut-off device is combined with the shower head by means of which the water stream to one part of the nozzle (6) can be interrupted.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1117/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FORMWORK ELEMENT

(51) International classification	:E04G 9/06
(31) Priority Document No	:10 2009 046 689.4
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/050064
Filing Date	:30/08/2010
(87) International Publication No	:WO 2011/057624
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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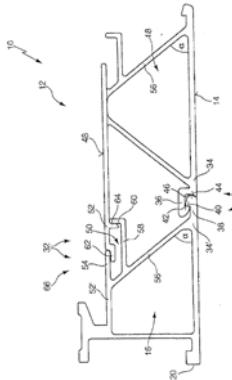
(72)Name of Inventor :

1)SCHNEIDER, WERNER

2)MEYER, ANDREAS

(57) Abstract :

The invention concerns a formwork element 10 for concrete structures, comprising a base body 12 of hollow profile construction having an outer side 14 designed as a form lining. In accordance with the invention, the base body 12 is formed by at least two interlocking subsegments which are permanently connected to one another at their interlocking edge areas. The subsegments, such as edge segment and intermediate segment 16, 18, which are advantageously produced through extrusion, are advantageously hooked to one another in accordance with the invention to form an inseparable unit in the connected state.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1118/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD TO CONTROL THE FILLING OF A WASHING MACHINE WASH TUB WITH WATER AND WASHING MACHINE THAT IMPLEMENTS SAID METHOD

(51) International classification	:D06F 39/08
(31) Priority Document No	:P200931108
(32) Priority Date	:03/12/2009
(33) Name of priority country	:Spain
(86) International Application No Filing Date	:PCT/EP2010/068632 :01/12/2010
(87) International Publication No	:WO 2011/067285
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

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(72)Name of Inventor :

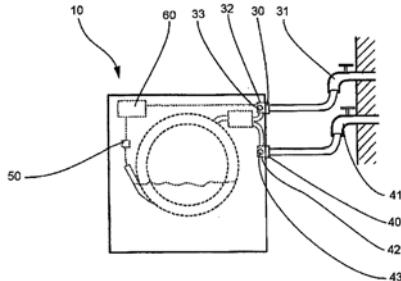
1)FERRERUELA BLESA, LUIS JAVIER

2)DONAIRE CLAVER A, CARLOS

3)GASCON DOMINGUEZ, PEDRO LUIS

(57) Abstract :

The invention relates to a method for controlling a filling of a tub 20 of a washing machine 10 with water and a washing machine 10 that implements such method. The washing machine has a tub 20 tillable with water and hydraulically connected to at least two water intakes 30, 40 connectable to corresponding external water intakes 31, 41, a control valve 32, 42 in each water inlet for opening up and closing off the flow of water from the external water intakes to the tub, and a water level sensor 50 to detect a predetermined maximum water level in the tub. The method at the beginning of a wash cycle comprises the steps of opening the first control valve 32 to allow water to flow into the tub 20, measuring the water level in the tub, and if the maximum water level has been reached, continuing the wash cycle, or if the maximum water level has not been reached within a predetermined time, then opening the second control valve 42 to allow water to flow into the tub and implementing step b), namely, if the maximum water level has been reached, continuing the wash cycle, or if the maximum water level has not been reached within a predetermined time, then step b4) cancelling the wash cycle.



No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2012

(21) Application No.1104/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MICROFLUIDIC CARTRIDGE WITH PARALLEL PNEUMATIC INTERFACE PLATE

(51) International classification	:B01L 3/00
(31) Priority Document No	:09173589.4
(32) Priority Date	:21/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054520
Filing Date	:06/10/2010
(87) International Publication No	:WO 2011/048521
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WIMBERGERFRIEDL, REINHOLD

2)PENTERMAN, ROEL

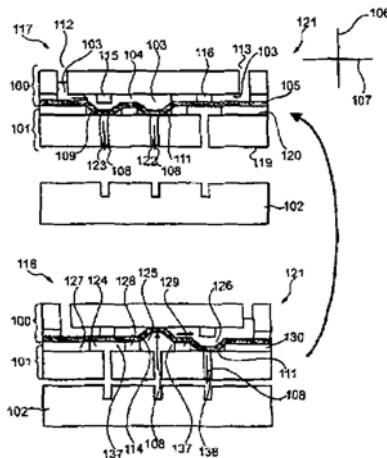
3)VAN AMERONGEN, HENDRIK HALLING

4)LORING, THEODORUS, ANTONIUS, JOHANNES

5)VAN UDEN, MARTIJN, JOCHEM

(57) Abstract :

The invention relates to a design of an interface plate (101) between a microfluidic cartridge (100) and an instrument (102) for fluid actuation in the disposable cartridge. Pneumatic actuation is carried out through a reversible pneumatic interconnection between instrument and cartridge. Pneumatic drivers are integrated in the instrument for a low cost and reliable solution. The actuation of the fluid in the cartridge is achieved by a flexible membrane (105) attached to the major surface of the disposable cartridge forming closed compartments only when attached to the instrument. The pressure, in these compartments determines the deflection of the membrane which in turn actuates the fluid. This approach takes advantage of the high power and large stroke of pneumatic actuation while at the same time keeping the disposable cartridge simple and low cost and allowing easy introduction of other physical transport across the interface plate, like heat or acoustic vibration. A large number of actuators can be integrated easily into the flat interface plate as no individual fixation, like tubing, is required for the pneumatic actuation.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2012

(21) Application No.1113/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRODE MATERIAL FOR A SPARK PLUG

(51) International classification	:H01T 13/20
(31) Priority Document No	:61/265,483
(32) Priority Date	:01/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058501
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/068834
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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HIGHWAY, SOUTHFIELD, MI 48033-2146, U.S.A.

(72)**Name of Inventor :**

1)MA, SHUWEI

2)LYKOWSKI, JAMES, D.

(57) Abstract :

A spark plug electrode material that may be used in spark plugs and other ignition devices including industrial plugs, aviation igniters, glow plugs, or any other device that is used to ignite an air/fuel mixture in an engine. According to an exemplary embodiment, the electrode material includes a refractory metal (for example, tungsten (W), molybdenum (Mo), rhenium (Re), ruthenium (Ru) and/or chromium (Cr)) and a precious metal (for example, rhodium (Rh), platinum (Pt), palladium (Pd) and/or iridium (Ir)), where the refractory metal is present in an amount that is greater than that of the precious metal. This includes, but is certainly not limited to, electrode materials including tungsten-based alloys such as W-Rh and ruthenium-based alloys such as Ru- Rh. Other combinations and embodiments are also possible.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1124/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM FOR STORING ENERGY FOR USE IN STARTERS AND CONTROLLING ELECTRICAL SYSTEMS

(51) International classification	:F03G 1/06
(31) Priority Document No	:P201031069 9
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Spain
(86) International Application No Filing Date	:PCT/ES2010/070653 :08/10/2010
(87) International Publication No	:WO 2011/042588
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ACUMENER INVESTIGACION Y DESARROLLO, S.L.

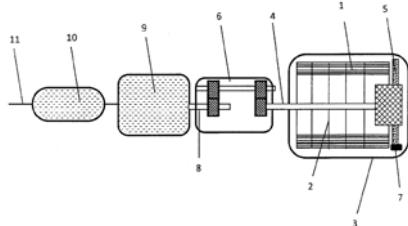
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(72)Name of Inventor :

- 1)MUÑOZ GUILJOSA, JUAN MANUEL
- 2)CASERO FERNANDEZMONTES, JULIÁN
- 3)MUÑOZ SANZ, JOSÉ LUIS
- 4)MANSO GARCIA, JUAN JOSÉ
- 5)GONZALEZ RICO, ALFONSO MAR A

(57) Abstract :

The present invention relates to a storage system for storing energy useful in starting and regulating electrical systems, comprising transmission means (8) to transmit mechanical energy between an electric machine (9) and an energy storage device comprising at least one coil spring (1) arranged in a rotating shaft (4); a braking and holding element (5) connected to the shaft (4) to alternately block the spring (1) or keep it in a released situation in which the electric machine (9) acts like a motor turning the rotating shaft (4) in a first direction tensing the spring (1) to store mechanical energy, whereas the rotation of the shaft (4) in the opposite direction releases the mechanical energy stored in the spring (1) such that the transmission means turn the electric machine (9) so that it operates like an electric generator.



No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1125/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE AND METHOD FOR LOCALIZING MODULATED OPTICAL RADIATION SOURCES

(51) International classification	:G01S 3/783
(31) Priority Document No	:10 2009 046 740.8
(32) Priority Date	:16/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067555
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/058190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)OPTO-MST SENSOREN UND SYSTEME GMBH

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ERFURT GERMANY

(72)**Name of Inventor :**

1)FREITAG, HANS-JOACHIM

2)ORTLEPP, HANS-GEORG

3)SCHMIDT, ANDREAS

4)BUSCHMANN, UWE

(57) Abstract :

The invention relates to a device for localizing modulated optical radiation sources, comprising a diaphragm unit (9; 12, 13) and a detector unit (2, 3), which is located behind the diaphragm opening (5, 7) in relation to radiation shining in along a main incidence axis, wherein the detector unit (2, 3) comprises at least three detector elements (4a-d; 6a-d) disposed around a centre (Z2, Z3; Z), and the diaphragm unit comprises a diaphragm opening (5, 7), which is disposed centrally over the centre (Z2, Z3; Z) and spaced apart from the centre (Z2, Z3; Z) along the main incidence axis and covers all detector elements (4a-d; 6a-d) only partially as viewed along the main incidence axis (A2, A3; A).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1126/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AIR PROCESSING DEVICE

(51) International classification	:B60T 17/00
(31) Priority Document No	:10 2009 052 787.7
(32) Priority Date	:11/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067100
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/058004
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)EIDENSCHINK, RAINER
2)SCHÄBEL, STEFAN**

(57) Abstract :

The invention relates to an air processing device (10) for a commercial vehicle, having a housing (12) set up for connecting to an air dryer device (18) by means of a bayonet fitting (14). According to the invention, a retaining device (28) that is or can be mounted on the housing (12) for retaining the bayonet fitting (14) is provided on the housing (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1127/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL NAPHTHYRIDINE DERIVATIVES AND THE USE THEREOF AS KINASE INHIBITORS

(51) International classification	:C07D 471/04
(31) Priority Document No	:09177132.9
(32) Priority Date	:26/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068119
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/064250
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)POLYMEROPoulos, EMMANUEL

5)MÜLLER, GILBERT

6)GÜNTHER, ECKHARD

7)MARCHAND, PASCAL

8)DEFAUX, JULIEN

(57) Abstract :

The present invention relates to kinase modulators of the naphthyridine type and to the preparation and use thereof as medicaments for the modulation of misdirected cellular signal transduction processes, in particular for influencing the function of tyrosine and serine/threonine kinases and for the treatment of malignant or benign tumours and other disorders based on pathological cell proliferation, such as, for example, restenosis, psoriasis, arteriosclerosis and cirrhosis of the liver.

No. of Pages : 97 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2012

(21) Application No.1133/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AGE-RESISTANT RH-ZEOLITE CATALYST

(51) International classification	:B01J 29/74
(31) Priority Document No	:10 2009 053 951.4-41
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006969
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/060917
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

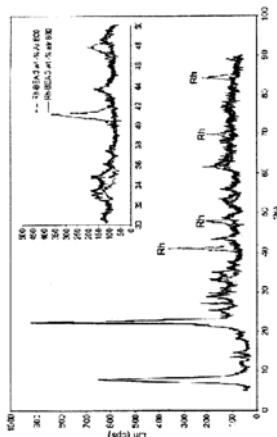
1)DR. ARNO TILER

2)DR. FRANK KLOSE

3)MARKUS HUTT

(57) Abstract :

The present invention relates to a catalytic composition comprising a porous support material and rhodium, wherein the rhodium is substantially located in the pores of the porous support material. The invention furthermore relates to a method for producing the catalytic composition containing rhodium according to the invention, the use of the catalytic composition as NOx reduction catalyst and hydrocarbon reservoir, as well as a catalyst component which contains the catalytic composition according to the invention.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2012

(21) Application No.1134/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DISPLAY DEVICE AND METHOD FOR DISPLAYING MEASUREMENT DATA

(51) International classification	:G01D 4/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/008409
Filing Date	:18/11/2009
(87) International Publication No	:WO 2011/060808
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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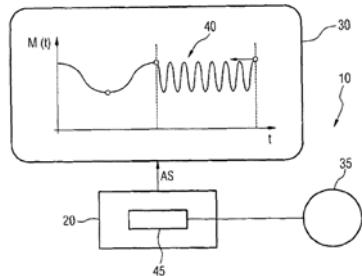
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(72)Name of Inventor :

1)LANDSGESELL, FRANK

(57) Abstract :

The invention relates, inter alia, to a method for displaying measurement data ($M(t)$) of an energy transmission or energy distribution system (35) on a screen (30), wherein the measurement data are displayed in a diagram (40) relative to the time axis (t). According to the invention, in a first section (50) of the diagram, measurement data for a select past time interval are displayed in a representation frozen in time, and measurement data relating to the time period after the time interval displayed in the first section of the diagram up to the respective current display moment are displayed in a second directly or indirectly adjoining section (60) of the diagram, wherein during the frozen representation of the measurement data in the first section of the diagram current, newly incoming measurement data of the energy transmission or energy distribution system are added to the second section of the diagram adapting the time scaling of said section.



No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2012

(21) Application No.1135/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AMINO - PYRIMIDINE COMPOUNDS AS INHIBITORS OF TBKL AND/OR IKK EPSILON

(51) International classification	:C07D 239/42	(71)Name of Applicant :
(31) Priority Document No	:61/250,842	1)MYREXIS, INC.
(32) Priority Date	:12/10/2009	Address of Applicant :305 CHIPETA WAY, SALT LAKE CITY, UTAH 84108 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/052385	1)HOLCOMB, RYAN
Filing Date	:12/10/2010	2)SUZUKI, KAZUYUKI
(87) International Publication No	:WO 2011/046970	3)HALTER, ROBERT J.
(61) Patent of Addition to Application Number	:NA	4)SEBAHAR, PAUL R.
Filing Date	:NA	5)MCLEOD, DONALD A.
(62) Divisional to Application Number	:NA	6)SHENDEROVICH, MARK D.
Filing Date	:NA	7)YAGER, KRAIG M.

(57) Abstract :

The invention relates to certain amino- pyrimidine compounds which inhibit TBK1 and/or IKK epsilon and which may therefore find application in treating inflammation, cancer, septic shock and/or Primary open Angle Glaucoma (POAG).

No. of Pages : 368 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1285/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : OUT-OF-RANGE SENSOR RECALIBRATION

(51) International classification	:F15B 19/00
(31) Priority Document No	:12/626,970
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003011
Filing Date	:25/11/2010
(87) International Publication No	:WO 2011/064652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)SCHOTTLER, CHRIS, W.

3)BALASUBRAMANIAN, KISHORE

4)FAGERLUND, CHRISTIAN

(57) Abstract :

A method for resetting a calibration of a sensor operating out-of-range in a hydraulic actuation system 10 is provided. The hydraulic actuation system 10 includes a pump 14, a reservoir 12, a plurality of work-ports 32, 34, 68, 70, a plurality of sensors 18, 24, 40, 48, 60, 76, and a valve system 22, 38, 46, 54, 58, 74, 82, 88, and a controller 90 for regulating the hydraulic actuation system 10 based on fluid flow demand and sensed pressures. The method includes detecting the sensor operating out-of-range, opening all work-ports 32, 34, 68, 70 to the reservoir 12 , resetting all sensors 18, 24,40, 48, 60, 76 to reservoir 12 pressure, supplying all sensors 18, 24,40, 48, 60, 76 with fluid at maximum pump 14 pressure, and sensing the maximum pump 14 pressure at each sensor. Additionally, the method includes determining an average pressure value across all sensors 18, 24, 40, 48, 60, 76, assigning the determined average pressure value to the sensor that is operating out-of-range, and resetting the calibration of the sensor that is operating out-of-range based on the reservoir 12 pressure and the average pressure values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1273/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PRODUCTION OF PESTICIDE GRANULATES IN A SPOUTED BED APPARATUS

(51) International classification	:A01N 25/12
(31) Priority Document No	:09174194.2
(32) Priority Date	:27/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/066023
Filing Date	:25/10/2010
(87) International Publication No	:WO 2011/051205
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BLEI, STEFAN

2)SCHNEIDER, KARL-HEINRICH

3)FRICKE, HANS-MICHAEL

(57) Abstract :

The present invention relates to a method for producing granules comprising a pesticide, comprising the spraying-on of a pesticide-containing spray liquid in the region of a near-circular gas/material stream of a spouted-bed apparatus onto the particle surface of the material, and the drying and granulation in the gas stream. Furthermore, the invention relates to granules comprising a pesticide, obtainable by said method, where the granules have a roundness of at least 0.85.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1281/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A COMPOUND SEMICONDUCTOR LAYER

(51) International classification	:H01L 21/02
(31) Priority Document No	:10 2009 053 532.2
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB2010/002729
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/061583
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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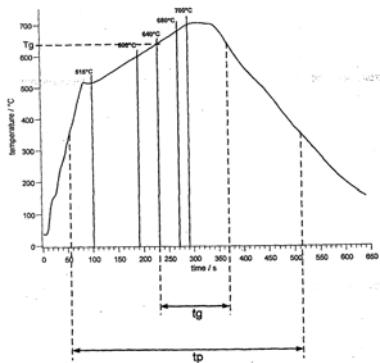
(72)Name of Inventor :

1)KOETSCHAU, IMMO

2)SCHMID, DR. DIETER

(57) Abstract :

Method for producing a I-III-VI compound semiconductor layer (20), wherein a substrate (6) is provided (80) with a coating (18, 19) which has a metallic precursor layer (18); the coating (18, 19) is kept, for the duration of a process time (tp), at temperatures of at least 350°C (84) and the metallic precursor layer (18), in the presence of a chalcogen (19) at an ambient pressure of between 500mbar and 1500 mbar, is converted (84) into the compound semiconductor layer (20), and the coating (18, 19, 20) is kept at temperatures (86) for the duration of an activation time (tg) which attain at least an activation barrier temperature (Tg), whereby as activation barrier temperature (Tg) a value of at least 6000C is selected (86).



No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1282/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING A STRUCTURED TCO-PROTECTIVE COATING

(51) International classification	:C03C 17/34
(31) Priority Document No	:10153198.6
(32) Priority Date	:10/02/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/051772
Filing Date	:08/02/2011
(87) International Publication No	:WO 2011/098434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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COURBEVOIE FRANCE

(72)Name of Inventor :

1)GIERENS, ANNE

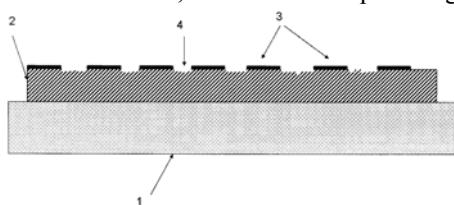
2)METZGER, RUDOLF

3)PETER, EMMANUELLE

4)RUITENBERG, GERARD

(57) Abstract :

Method for producing a coated glass substrate, wherein a. a TCO-layer (2) with a layer thickness of 100 nm to 1000 nm is deposited on a glass substrate (1), b. an inert top coating (3), comprising Al₂O₃, SiO₂, Si₃N₄, and/or mixtures thereof, with an average layer thickness of 0.5 nm to 5 nm is deposited on the TCO-layer (2), and c. the glass substrate (1) is heated at 550 °C to 800 °C and then etched in an acid, with the inert top coating not removed before the etching.



No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1287/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VENTILATION BOX FOR AN EXTRACTOR HOOD

(51) International classification	:F24C 15/20
(31) Priority Document No	:102009055075.5
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068626
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/085864
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

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MÜNCHEN, GERMANY

(72)Name of Inventor :

1)FEISTHAMMEL, EGON

2)HUTZMANN, MICHAEL

3)MOSER, STEFFEN

4)WENDLAND, MARKUS

(57) Abstract :

The invention relates to a ventilation box for an extractor hood, comprising a sheet metal jacket (4) and a ventilation housing (2). The ventilation box (1) is characterized in that the rear face of the ventilation housing (1) is formed by a part of the sheet metal jacket (4). Preferably, the ventilation box (1) is formed by a part (41, 42) of the sheet metal jacket (4), a part (24) of the ventilation housing (2) and a part (50) of a channel (5) of the extractor hood.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1288/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMPROVED SELF-ADHESIVE TRANSFER PAPER

(51) International classification	:B41M 5/50
(31) Priority Document No	:09177345.7
(32) Priority Date	:27/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068309
Filing Date	:26/11/2010
(87) International Publication No	:WO 2011/064331
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARTINOVIC, ZVONIMIR

Address of Applicant :K.P. KRESIMIRA IV 5, 42000,
VARAZDIN CROATIA.

(72)Name of Inventor :

1)MARTINOVIC, ZVONIMIR

(57) Abstract :

The invention relates to a method for producing self-adhesive transfer papers, to the transfer papers produced by means of the method, and to a transfer print method.

No. of Pages : 11 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1295/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INDOOR UNIT AND AIR CONDITIONER WITH SAME

(51) International classification	:F24F 13/20
(31) Priority Document No	:2009-251185
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069347
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/052742
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 5308323 JAPAN

(72)Name of Inventor :

1)KAICHI TSUJI

(57) Abstract :

An indoor unit and an air conditioner configured so that each outlet and each flap can be easily identified. An indoor unit (1) is provided with outlets (32a-32d) which discharge air-conditioning air toward the interior space, and also with flaps (35a-35d) having substantially the same shape, the flaps (35a-35d) being respectively disposed at the outlets (32a-32d) and capable of individually changing the discharge directions of the air-conditioning air. Sign sections (60a-60d) which are different from each other are formed either in the vicinities, respectively, of the outlets (32a-32d) or on the flaps (35a-35d), respectively.

No. of Pages : 84 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1130/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WATER RECYCLING IN A MELAMINE PRODUCTION PROCESS

(51) International classification	:C07D 251/60
(31) Priority Document No	:09172664.6
(32) Priority Date	:09/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/065080
Filing Date	:08/10/2010
(87) International Publication No	:WO 2011/042532
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BOREALIS AGROLINZ MELAMINE GMBH

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(72)**Name of Inventor :**

1)SCHADT, ARNE

2)SCHLESINGER, ROBERT

3)DEMEL, GREGOR

4)NEUMÜLLER, CHRISTOPH

5)HINTERMÜLLER, FRANZ

(57) Abstract :

The present invention relates to a method for recycling water in a melamine production process comprising - a wet process comprising the steps of aqueous treatment of a melamine melt from a melamine synthesis plant with an aqueous alkali containing solution and crystallisation for providing solid melamine and a triazine containing alkaline mother liquor, - a wastewater treatment process comprising the steps of thermal treatment of said triazine containing alkaline mother liquor, and - a recycling process, whereby at least parts of the thermally treated alkaline mother liquor are being recycled to the wet process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1274/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HYDROXYAPATITE WITH CONTROLLABLE SIZE AND MORPHOLOGY

(51) International classification	:B32B 17/06
(31) Priority Document No	:61/255,061
(32) Priority Date	:26/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054146
Filing Date	:26/10/2010
(87) International Publication No	:WO 2011/053598
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

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(72)**Name of Inventor :**

**1)RIMAN, RICHARD, E.
2)BURUKHIN, ALEXANDER
3)ZLOTNIKOV, EUGENE
4)HADERS, DANIEL**

(57) Abstract :

Methods are presented for a continuous, two-step, phase sequenced deposition of hydroxyapatite film over the surface of the substrate.

No. of Pages : 98 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1275/KOLNP/2012 A

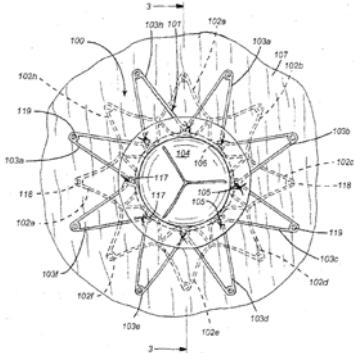
(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR IMPLANTING IN AN OPENING IN A SEPTAL WALL IN A HEART OF A PATIENT

(51) International classification	:A61B17/34	(71) Name of Applicant :
(31) Priority Document No	:12/447,617	1) DC DEVICES, INC.
(32) Priority Date	:28/04/2009	Address of Applicant :ONE HIGHWOOD DRIVE, SUITE
(33) Name of priority country	:U.S.A.	300, HIGHWOOD OFFICE PARK, TEWKSBURY, MA 01876
(86) International Application No	:PCT/US2010/026574	UNITED STATES OF AMERICA
Filing Date	:08/03/2010	
(87) International Publication No	: WO/2010/129089	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1) McNAMARA, EDWARD
Filing Date	:NA	2) CELERMAJER, DAVID
(62) Divisional to Application Number	:4472/KOLNP/2011	3) FORCUCCI, STEPHEN
Filed on	:01/11/2011	4) SUGIMOTO, HIROATSU

(57) Abstract :

A device for implanting in an opening in a septal wall in a heart of a patient is disclosed. The device comprises : a first annular flange adapted to be in the left atrium of said patient's heart, a second annular flange adapted to be in the right atrium of said patient's heart, and a core segment having a first diameter, wherein the proximal ends of the first annular flange and the proximal ends of the second annular flange are contiguous with and define the core segment, and wherein a subset of the plurality of flange segments of the second annular flange each comprises a strut attached thereto at attachment points and extending into said right atrium, and wherein each of said struts converges at an apex.



No. of Pages : 86 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1276/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICES AND METHODS FOR IMPLANTING A PLURALITY OF DRUG DEPOTS HAVING ONE OR MORE ANCHORING MEMBERS

(51) International classification	:A61L 17/00	(71) Name of Applicant :
(31) Priority Document No	:12/609,934	1)WARSAW ORTHOPEDIC, INC.
(32) Priority Date	:30/10/2009	Address of Applicant :2500 SILVEUS CROSSING, WARSAW, INDIANA 46581 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/030703	1)MCKAY, WILLIAM, F.
Filing Date	:12/04/2010	
(87) International Publication No	:WO 2011/053375	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a device for implanting a plurality of drug depots at or near a target tissue site beneath the skin of a patient. The device comprises at least three or more drug depots, wherein each of the at least three or more drug depots has a first surface adapted to receive one or more anchoring members so as to limit movement of the at least three or more drug depots at or near the target tissue site, and wherein at least two of the at least three or more drug depots comprise a second surface adapted to receive the anchoring member after the anchoring member contacts the target tissue site. Each drug depot is capable of releasing a therapeutically effective amount of a drug over a period of at least one day.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1291/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF SOLAR CELLS COMPRISING A SELECTIVE EMITTER

(51) International classification	:H01L 31/18
(31) Priority Document No	:09013676.3
(32) Priority Date	:30/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/006016
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/050889
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :FRANKFURTER STRASSE 250
64293 DARMSTADT GERMANY

(72)Name of Inventor :

1)STOCKUM, WERNER

2)DOLL, OLIVER

3)KOEHLER, INGO

(57) Abstract :

The present invention relates to a process for the production of solar cells comprising a selective emitter using an improved etching-paste composition which has significantly improved selectivity for silicon layers.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1292/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VALVE ASSEMBLY FOR A FUEL RECIRCULATION LINE

(51) International classification	:B60K 15/035
(31) Priority Document No	:12/624,699
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003005
Filing Date	:23/11/2010
(87) International Publication No	:WO 2011/064648
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OH 44114-2584, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)ERDMANN, MATTHEW, L

2)REUTHER, MATTHEW, D.

(57) Abstract :

A fuel system (10) includes a fuel tank (14), a fill head (16), a vapor canister (18), and a valve assembly (12). The fill head (16) is in fluid communication with the fuel tank (14). Fluid (F) flows from the fill head (16) to the fuel tank (14). The vapor canister (18) is configured for absorbing vapor (V) therein. A recirculation line (26) is configured to fluidly extend between the fuel tank (14) and the fill head (16). A vapor line (28) is configured to fluidly extend between the fuel tank (14) and the vapor canister (18). The valve assembly (12) is operatively disposed along the vapor line (28) or the recirculation line (26). The valve assembly (12) includes a filter (36) having a membrane (44) formed from a micro-porous element that is fluid impermeable and vapor permeable. Fluid (F) is prevented from flowing through the membrane (44) and into the vapor canister (18) while allowing vapor (V) to flow through the membrane (44)and into the vapor canister (18).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1128/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SULFOXIDE DERIVATIVES FOR THE TREATMENT OF TUMORS

(51) International classification	:C07D 249/18
(31) Priority Document No	:10 2009 049 211.9
(32) Priority Date	:13/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005641
Filing Date	:14/09/2010
(87) International Publication No	:WO 2011/044978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)SCHIEMANN, KAI

2)SCHULTZ, MELANIE

3)STAEHLE, WOLFGANG

(57) Abstract :

The invention relates to sulfoxide derivatives of the formula Ia to Im as described and to the pharmaceutically usable salts, solvates, enantiomers, tautomers, and stereoisomers thereof, including mixtures thereof in all ratios for treating tumors.

No. of Pages : 56 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2012

(21) Application No.1129/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MELAMINE BASED MANNICH-COMPOUNDS AND A PROCESS FOR OBTAINING THE SAME

(51) International classification	:C07D 251/64
(31) Priority Document No	:09176756.6
(32) Priority Date	:23/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067671
Filing Date	:17/11/2010
(87) International Publication No	:WO 2011/061220
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DICKE, RENÉ

2)HAHN, CHRISTOPH

3)BURGER, MARTIN

4)ENDESFELDER, ANDREAS

5)ROT, KATARINA

6)SCHWARZINGER, CLEMENS

7)BRETTERBAUER, KLAUS

8)TRISCHLER, HEINRICH

9)SCHMIDT, HARALD

(57) Abstract :

The present invention relates to Melamine based Mannich compounds of the general formulae (1)-(12) and a process for synthesizing melamine based Mannich- products products comprising the steps of a) reacting at least one substituted melamine with at least one aldehyde, in particular formaldehyde, under basic conditions to form at least one OH-containing compound, b) reacting the at least one OH-containing compound in the presence of a catalysts to form at least one mannich-base, d) reacting the at least one mannich-base with at least one enol- forming carbonyl compound, or c2) reacting the at least one mannich-base with at least one aromatic compound, and d) working up the reaction mixture. The invention relates further to pre-condensates obtainable from these products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1298/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CATALYST SUPPORT OR CATALYST, AND PROCESS FOR PRODUCING THE SAME

(51) International classification	:B01J 23/44
(31) Priority Document No	:2009-267622
(32) Priority Date	:25/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069351
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/065187
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA F.C.C.

Address of Applicant :7000-36, NAKAGAWA, HOSOE-CHO, KITA-KU, HAMAMATSU-SHI, SHIZUOKA JAPAN

(72)Name of Inventor :

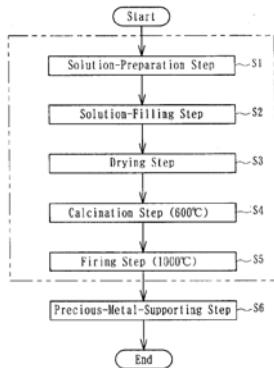
1)YUSUKE OGATA

2)RYOU SUZUKI

3)AKIHIKO TOMODA

(57) Abstract :

[Object] To provide a catalyst support or catalyst which can use magnesium aluminate ($MgAl_2O_4$) as a catalyst support, can improve heat resistance, and can easily improve an NOX purification performance. Also to provide a process for producing the catalyst support or catalyst. [Solution] A catalyst support, etc., is produced by undergoing solution-preparation step S1, solution-filling step S2, drying step S3, calcination step S4, and firing step S5. The catalyst support or catalyst includes magnesium aluminate ($MgAl_2O_4$) having a specific surface area of 80 to 150 m²/g and a pore volume of 0.45 to 0.65 ml/g, the magnesium aluminate capable of having a precious metal supported thereon. A process for producing the catalyst support or catalyst is also disclosed.



No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1299/KOLNP/2012 A

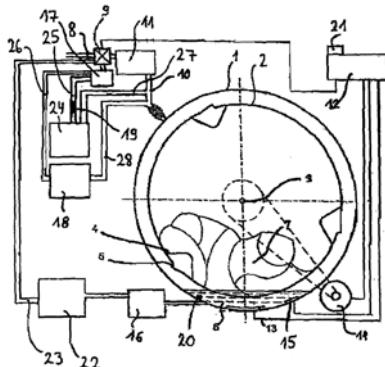
(43) Publication Date : 01/02/2013

(54) Title of the invention : WASHING MACHINE HAVING A DESALINATION DEVICE

(51) International classification	:D06F 39/00
(31) Priority Document No	:10 2009 055 276.6
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/070209
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/076720
(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 washing machine having a suds container 1, a washing drum 2, a water inlet system 8, 9, 10 and a suds discharge system having a suds pump 16, a program control 12, a desalination device 17 for generating desalinated water, and a rinse water store 22, wherein the washing machine comprises a soft water tank 24 connected to the water inlet system 8, 9, 10 by means of the desalination device 17. The invention further relates to a method for treating laundry in such a washing machine.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1321/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING HYDROGENATED POLYGERMANE AND HYDROGENATED POLYGERMANE

(51) International classification	:C08L 85/00	(71) Name of Applicant : 1)SPAWN PRIVATE S.À.R.L. Address of Applicant :16, RUE JEAN 1'AVEUGLE, 1148 LUXEMBOURG
(31) Priority Document No	:102009056731.3	
(32) Priority Date	:04/12/2009	
(33) Name of priority country	:Germany	
(86) International Application No Filing Date	:PCT/EP2010/068979 :06/12/2010	(72) Name of Inventor : 1)AUNER, NORBERT 2)BAUCH, CHRISTIAN 3)HOLL, SVEN 4)DELTSCHEW, RUMEN 5)JAVAD MOHSSENI 6)LIPPOLD, GERD 7)GEBEL, THORALF
(87) International Publication No	:WO 2011/067411	
(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 producing hydrogenated polygermane as a pure compound or as a mixture of compounds, in which halogenated polygermane is hydrogenated. The invention also relates to a hydrogenated polygermane and to a germanium layer produced from the hydrogenated polygermane and to a method for the production thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1322/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : KINETICALLY STABLE CHLORINATED POLYSILANES AND PRODUCTION AND USE THEREOF

(51) International classification	:C08G 77/60
(31) Priority Document No	:10 2009 056 731.3
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/068991 :06/12/2010
(87) International Publication No	:WO 2011/067415
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)SPA WNT PRIVATE S.A.R.L.

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LUXEMBOURG

(72)**Name of Inventor :**

1)AUNER, NORBERT

2)BAUCH, CHRISTIAN

3)HOLL, SVEN

4)DELTSCHEW, RUMEN

5)MOHSSENI, JAVAD

6)LIPPOLD, GERD

7)GEBEL, THORALF

(57) Abstract :

The invention relates to kinetically stable halogenated polysilanes as a mixture of compounds having respectively at least four silicon atoms which are bound together, the substituents thereof comprising chlorine, and chlorine and hydrogen, and in the composition thereof, the atomic ratio of substituent to silicon is at least 1:1, wherein a) said kinetically stable halogenated polysilanes have a kinetically high stability in relation to oxidative splitting by chlorine, and the degree of conversion at temperatures of 120 DEG C within 10 hours with an excess of chlorine gas at 1013 hPa does not exceed 30 mol %, and b) said kinetically stable halogenated polysilanes have a percentage of branching points in the polysilane molecules of more than 8 mol%, in particular more than 11 mol%. Said kinetically stable halogenated polysilanes offer novel uses compared to less stable conventional halogenated polysilanes.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1315/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CHLORIDE-CONTAINING SILICON

(51) International classification	:C08G 77/60
(31) Priority Document No	:10 2009 056 436.5
(32) Priority Date	:02/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068730
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/067332
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPA WNT PRIVATE S.À.R.L.

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LUXEMBOURG

(72)Name of Inventor :

1)NORBERT AUNER

2)CHRISTIAN BAUCH

3)SVEN HOLL

4)RUMEN DELTSCHEW

5)JAVAD MOHSSENI

6)GERD LIPPOLD

(57) Abstract :

The invention relates to a chlorinated polysilane which has the formula SiCl_x wherein x = 0,01 - 0,8 and which can be produced in particular by the thermolysis of a chloropolysilane at a temperature below 600°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1316/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING SHORT-CHAINED HALOGENATED POLYSILANES

(51) International classification	:C08G 77/60
(31) Priority Document No	:10 2009 056 437.3
(32) Priority Date	:02/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068733
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/067333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPAWN PRIVATE S.À.R.L.

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LUXEMBOURG

(72)Name of Inventor :

1)CHRISTIAN BAUCH

2)SVEN HOLL

3)RUMEN DELTSCHEW

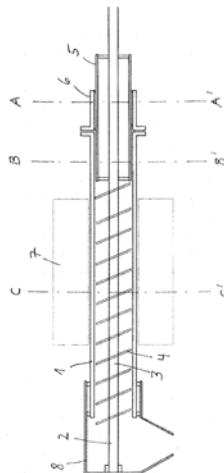
4)JAVAD MOHSEN

5)GERD LIPPOLD

6)RENÉ TOWARA

(57) Abstract :

The invention relates to a method and a device for producing short-chain halogenated polysilanes and/or short-chain halogenated polysilanes and halide-containing silicon by thermolytic decomposition of long-chain halogenated polysilanes. The thermolytic decomposition of long-chain halogenated polysilanes diluted with low-molecular halosilanes is carried out under an atmosphere of halosilanes, thereby ensuring the production of such products at industrial scale in a simple and cost-effective manner.



No. of Pages : 46 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1317/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CASTING UNIT FOR A DIECASTING MACHINE

(51) International classification	:B22D 17/02
(31) Priority Document No	:102009057197.3
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068123
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/064253
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OSKAR FRECH GMBH + CO. KG

Address of Applicant :SCHORNDORFER STRASSE 32,
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(72)Name of Inventor :

1)ERHARD, NORBERT

2)DANNENMANN, HELMAR

3)KURZ, JÜRGEN

4)SYDLO, ANDREAS

5)GERNER, DANIEL

(57) Abstract :

1. Casting unit for a diecasting machine. 2.1. The invention relates to a casting unit for a diecasting machine, the casting unit comprising a casting chamber body (1), which has a casting chamber (2) which can be filled with casting material and has a casting material inlet (8) and a casting material outlet (3), and a casting piston (4), which can be moved forward in a longitudinal direction of the casting piston in the casting chamber, in order to discharge casting material from the casting chamber under pressure via the casting material outlet, and can be moved back, whereby casting material can be fed into the casting chamber via the casting material inlet. 2.2. According to the invention, the casting piston (4) extends through a through-passage (5) of the casting chamber body (1) from outside into the casting chamber (2), an area of free space (6) of the casting chamber being formed between an outer lateral surface (4b) of the casting piston moved forward into the casting chamber and an inner wall surface (1c) of the casting chamber body lying opposite said outer lateral surface transversely in relation to the longitudinal direction of the casting piston, by an outer cross section (d) of the casting piston being appropriately smaller than an inner cross section (D) of the casting chamber body. 2.3. Use for example for metal diecasting machines.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1323/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING HYDROGENATED POLYGERMASILANE AND HYDROGENATED POLYGERMASILANE

(51) International classification	:C01B 33/04	(71) Name of Applicant : 1)SPAWN PRIVATE S.A.R.L. Address of Applicant :16, RUE JEAN 1'AVEUGLE, 1148 LUXEMBOURG
(31) Priority Document No	:10 2009 056 731.3	
(32) Priority Date	:04/12/2009	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2010/068994	(72) Name of Inventor :
Filing Date	:06/12/2010	1)AUNER, NORBERT
(87) International Publication No	:WO 2011/067417	2)BAUCH, CHRISTIAN
(61) Patent of Addition to Application Number	:NA	3)HOLL, SVEN
Filing Date	:NA	4)DELTSCHEW, RUMEN
(62) Divisional to Application Number	:NA	5)MOHSSENI, JAVAD
Filing Date	:NA	6)LIPPOLD, GERD
		7)GEBEL, THORALF

(57) Abstract :

The invention relates to a method for producing hydrogenated polygermasilane as a pure compound or a mixture of compounds, wherein halogenated polygermasilane is hydrogenated. The invention also relates to a hydrogenated polygermasilane, to a germanium layer produced from the hydrogenated polygermasilane, and to a method for producing such a layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1324/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR TRANSMITTING CHANNEL QUALITY INFORMATION IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H04W 48/08
(31) Priority Document No	:61/284,155
(32) Priority Date	:14/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/008604
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/074807
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, KOREA

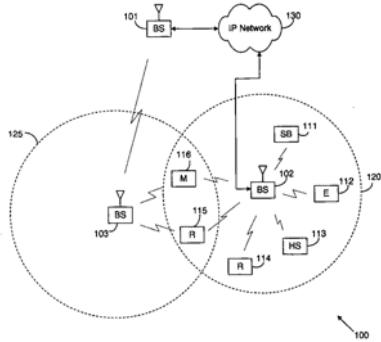
(72)Name of Inventor :

1)NAM, YOUNG-HAN

2)ZHANG, JIANZHONG

(57) Abstract :

A base station for use in a wireless network capable of communicating with a plurality of mobile stations. The base station transmits to a first mobile station downlink subframes of OFDM symbols. Each downlink subframe comprises a plurality of resource blocks and is associated with a subframe (SF) type that is determined according to whether or not a PDSCH region of a resource block in a downlink subframe includes at least one of: 1) a cell-specific reference signal (CRS) resource element and 2) a channel-state-information reference signal (CSI-RS) resource element.



No. of Pages : 52 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1296/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR HAND DISINFECTION

(51) International classification

:A61L 2/03

(31) Priority Document No

:MI2010A000109

(32) Priority Date

:28/01/2010

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2011/051078

Filing Date

:26/01/2011

(87) International Publication No

:WO 2011/092211

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDUSTRIE DE NORA S.P.A.

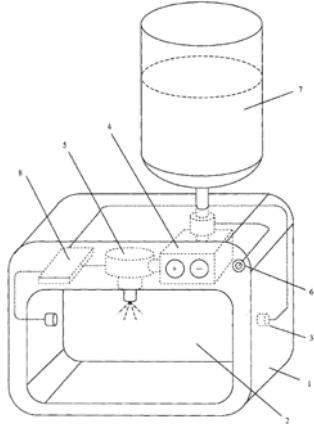
Address of Applicant :VIA BISTOLFI, 35, I-20134 MILAN,
ITALY

(72)Name of Inventor :

1)BENEDETTO, MARIACHIARA

(57) Abstract :

The invention relates to a device for hand washing and disinfection by nebulisation of an in-situ electrolysed active solution. The dispensed solution contains active chlorine optionally added with ozone or peroxides.



No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1297/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RADIO COMMUNICATION SYSTEM

(51) International classification	:H04W 16/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/060941
Filing Date	:16/06/2009
(87) International Publication No	:WO/2010/146660
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5062/KOLNP/2011
Filed on	:16/12/2011

(71)Name of Applicant :

1)FUJITSU LIMITED

Address of Applicant :1-1, KAMIKODANAKA 4-CHOME,
NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8588,
JAPAN

(72)Name of Inventor :

- 1)YOSHIHARU TAJIMA**
- 2)KAZUHISA OBUCHI**
- 3)YOSHINORI TANAKA**
- 4)YOSHIHIRO KAWASAKI**
- 5)YOSHIAKI OHTA**
- 6)MASATSUGU SHIMIZU**
- 7)KATSUMASA SUGIYAMA**

(57) Abstract :

A method used in a radio communication system including a first radio base station, a second radio base station that communicates with the first radio base station, a relay station which communicates with the second radio base station via the first radio base station, and a mobile station, the method comprising: transmitting a request, by the second radio base station, for requesting the first radio base station to communicate with the relay station for the second radio base station; and communicating, by the requested first radio base station, with the relay station for the second radio base station and transmits a communication result to the second radio base station.

No. of Pages : 58 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1320/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING HALOGENATED POLYSILANES

(51) International classification	:C01B 33/107
(31) Priority Document No	:102009056731.3
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068993
Filing Date	:06/12/2010
(87) International Publication No	:WO 2011/067416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPAWN PRIVATE S.À.R.L.

Address of Applicant :16, RUE JEAN l'AVEUGLE, 1148
LUXEMBOURG

(72)Name of Inventor :

1)BAUCH CHRISTIAN

2)HOLL SVEN

3)DELTSCHEW RUMEN

4)JAVAD MOHSSENI

5)ANDREY LUBENTSOV

(57) Abstract :

The present invention relates to a method for producing halogenated polysilanes as a pure compound or mixture of compounds, which has a specific purity in relation to inter alia boron-containing compounds. An embodiment of the invention is a method for producing a halogenated polysilane of the general formula HpSin- pX(2n+2)-p, with n = 1 to 50; 0 = p = 2n+1 and X = F, Cl, Br, I, as an individual compound or a mixture of compounds from a mixture, wherein the mixture already contains the halogenated polysilane or the halogenated polysilane is formed in the mixture. The mixture additionally contains boron-containing impurities. The method comprises the method steps of c) reacting the mixture with at least 1 ppbw (parts per billion per weight) of a siloxane-forming oxidation acrant or siloxane per se, wherein the boron-containing impurities form compounds with the siloxanes, said compounds having a volatility and/or solubility which is different from that of the halogenated polysilanes, and d) separating the halogenated polysilane from these compounds, - wherein a maximum of 1 ppbw of water and a minimum of 1 ppbw of siloxane are present when carrying out the method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1325/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TRANSMISSION CONTROLLING METHOD, SENDER APPARATUS AND RECEIVER APPARATUS FOR WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04J 99/00	(71) Name of Applicant : 1)FUJITSU LIMITED Address of Applicant :1-1, KAMIKODANAKA 4-CHOME, NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8588, JAPAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2006/321552	
Filing Date	:27/10/2006	(72) Name of Inventor :
(87) International Publication No	:WO/2008/050453	1)YOSHIAKI OHTA
(61) Patent of Addition to Application Number	:NA	2)KAZUHISA OBUCHI
Filing Date	:NA	3)KAZUO KAWABATA
(62) Divisional to Application Number	:1547/KOLNP/2009	4)YOSHIHIRO KAWASAKI
Filed on	:24/04/2009	5)YOSHIHARU TAJIMA
		6)HIDETO FURUKAWA

(57) Abstract :

In a wireless communication system, a sender apparatus (1) sends a data block, for each of a plurality of stream data, with data block identification information, which does not conflict between stream data, annexed, and a reception apparatus (2) performs a re-sending synthesis process for a data block received already and a re-sending data block to which the same data block identification information is individually annexed based on the data block identification information annexed to the received data block. Consequently, also in a case wherein the number of transmission streams between the sender apparatus (1) and the reception apparatus (2) is varied (reduced), the matching property of the data block which is a re-sending synthesis target can be maintained and communication can be continued normally.

No. of Pages : 106 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1326/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TRANSMISSION CONTROLLING METHOD, SENDER APPARATUS AND RECEIVER APPARATUS FOR WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04J 99/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)FUJITSU LIMITED
(32) Priority Date	:NA	Address of Applicant :1-1, KAMIKODANAKA 4-CHOME, NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8588, JAPAN
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2006/321552	(72) Name of Inventor :
Filing Date	:27/10/2006	1)YOSHIAKI OHTA
(87) International Publication No	:WO/2008/050453	2)KAZUHISA OBUCHI
(61) Patent of Addition to Application Number	:NA	3)KAZUO KAWABATA
Filing Date	:NA	4)YOSHIHIRO KAWASAKI
(62) Divisional to Application Number	:1547/KOLNP/2009	5)YOSHIHARU TAJIMA
Filed on	:24/04/2009	6)HIDETO FURUKAWA

(57) Abstract :

In a wireless communication system, a sender apparatus (1) sends a data block, for each of a plurality of stream data, with data block identification information, which does not conflict between stream data, annexed, and a reception apparatus (2) performs a re-sending synthesis process for a data block received already and a re-sending data block to which the same data block identification information is individually annexed based on the data block identification information annexed to the received data block. Consequently, also in a case wherein the number of transmission streams between the sender apparatus (1) and the reception apparatus (2) is varied (reduced), the matching property of the data block which is a re-sending synthesis target can be maintained and communication can be continued normally.

No. of Pages : 106 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1293/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MAINTAINING PERISHABLE FOODS

(51) International classification	:A23B 4/16
(31) Priority Document No	:61/256,868
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054421
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/053676
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLOBAL FRESH FOODS

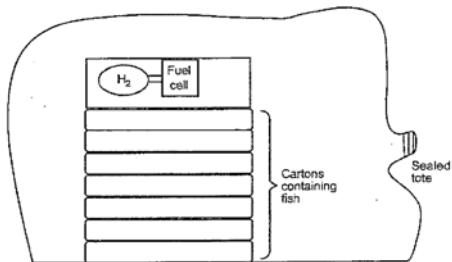
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CALIFORNIA 93940 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)BELL, LAURENCE D.

(57) Abstract :

Disclosed are packaging systems and methods useful in extending the storage-life of foodstuff such as fresh fish. The packaging systems and methods can be used to transport or store the foodstuff for an extended period of time. The packaging systems preferably employ a high headspace and flexible architecture and may use a fuel cell to maintain a reduced oxygen level in a high carbon dioxide environment surrounding the foodstuff. Also disclosed are methods useful in extending the storage-life of foodstuff such as fresh fish. The methods can be used to transport or store the foodstuff for an extended period of time. The methods preferably use a low oxygen gas source to maintain a reduced oxygen level in the environment surrounding the foodstuff.



No. of Pages : 64 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2012

(21) Application No.1294/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : 4 -OXO- 1H -QUINOLINE- 3 - CARBOXAMIDES AS MODULATORS OF ATP -BINDING CASSETTE TRANSPORTERS

(51) International classification	:C07D 215/56	(71)Name of Applicant :
(31) Priority Document No	:12/635,927	1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :130 WAVERLY STREET, CAMBRIDGE, MA 02139 UNITED STATES OF AMERICA
(32) Priority Date	:11/12/2009	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)SHETH, URVI 2)FANNING, LEV, T.D. 3)NUMA, MEHDI 4)BINCH, HAYLEY 5)HURLEY, DENNIS, JAMES 6)ZHOU, JINGLAN 7)HADIDA RUAH, SARA, S. 8)HAZLEWOOD, ANNA, R. 9)SILINA, ALINA 10)VAIRAGOUNDAR, RAJENDRAN 11)VAN GOOR, FREDRICK, F. 12)GROOTENHUIS, PETER, DIEDERIK JAN 13)BOTFIELD, MARTYN, C.
(86) International Application No Filing Date	:PCT/US2010/059920 :10/12/2010	
(87) International Publication No	:WO 2011/072241	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to 4. -oxo- 1H-quinoline- 3 carboxamides as modulators of ATP -Binding Cassette (ABC) transporters or fragments thereof, including Cystic Fibrosis Transmembrane Conductance Regulator, compositions thereof, and methods therewith. The present Invention also relates to methods of treating ABC transporter mediated diseases using such modulators.

No. of Pages : 361 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1318/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTROLLER AND AIR CONDITIONER

(51) International classification	:F24F 11/02
(31) Priority Document No	:2009-251457
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069348
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/052743
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD.

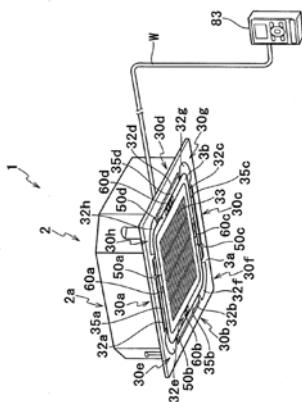
Address of Applicant :UMEDA CENTER BLDG., 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 5308323, JAPAN

(72)Name of Inventor :

1)KAICHI TSUJI

(57) Abstract :

A controller configured so that pieces of information relating to each outlet and each flap which are currently set can be collectively visible on the controller. A controller for an indoor unit provided with flaps having substantially the same shape, the flap being respectively disposed at the outlets and capable of individually changing the discharge directions of air-conditioning air. The controller is provided with a display section for simultaneously displaying information relating to an outlet selected out of the outlets and/or information relating to a flap selected out of the flaps.



No. of Pages : 79 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1319/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ADAPTER FOR CONNECTING A COUNTERSHAFT TRANSMISSION WITH A HYDRAULIC LAUNCH ASSIST SYSTEM

(51) International classification	:B60K 6/12
(31) Priority Document No	:61/264,987
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2010/003069 :30/11/2010
(87) International Publication No	:WO 2011/064660
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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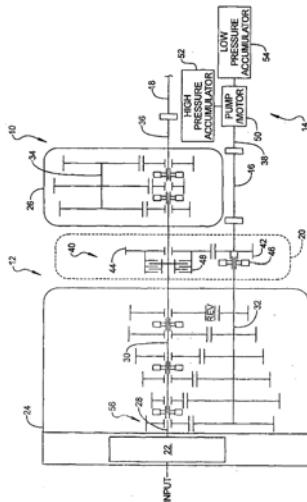
(72)Name of Inventor :

1)GENISE, THOMAS, A.

2)DOROBANTU, MIHAI

(57) Abstract :

The present application relates to a drivetrain for a motor vehicle comprising an automated mechanical transmission (12) having an input shaft (28), an output shaft (30), a counter shaft (32) and at least two selectively engageable gear sets disposed between the countershaft and the output shaft. In order to assist in launching the vehicle, the application provides an alternative power source including a motor (50) and an energy storage unit (52, 54) and an adapter module (20) operable disposed between the automated mechanical transmission (12) and the motor (50). Said module (20) comprises an adapter gear set including a first gear (42) in mesh with a second gear (44), providing driving connections between the motor (50) and the transmission output shaft (30), a first clutch (46) selectively drivingly connecting the motor input shaft (38) to the countershaft (32) and a second clutch (48) selectively connecting the transmission output shaft (30) to the motor input shaft (38) through the adapter gear set (42, 44). The motor (50) may be hydraulic or electric.



No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2012

(21) Application No.1335/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR CONNECTING TWO COMPONENTS

(51) International classification	:B23B 31/107
(31) Priority Document No	:10 2010 002 491.0
(32) Priority Date	:02/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/052411
Filing Date	:18/02/2011
(87) International Publication No	:WO 2011/107354
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOMET GROUP GMBH

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(72)Name of Inventor :

1)SPORS, BENNO

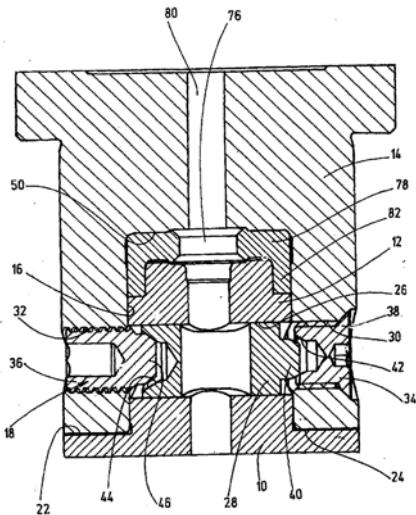
2)STOLZ, GERHARD

3)BIERL, WOLFGANG

4)DUBS, WALDEMAR

(57) Abstract :

The invention relates to a device for connecting two components (10, 14), for example two tool parts. The first component (10) has in this case a cylindrical locating pin (12) and an annular face (22) projecting radially beyond this locating pin (12), while the second component (14) has a cylindrical locating bore (16) for receiving the locating pin (12) and an annular face (24) surrounding the locating bore (16). Also provided is a clamping mechanism (18), which ensures during the clamping operation that the locating pin (12) is drawn into the locating bore (16) and at the same time the annular faces (22, 24) are pressed against one another. The clamping mechanism includes a clamping bolt (28), which is arranged movably in a transverse bore (26) of the locating pin (12), and two holding elements (34, 36), which lie diametrically opposite one another in the second component (14), abut with a respective inner or outer cone at the end face against a complementary outer or inner cone of the clamping bolt {28} and, during the clamping operation, are clamped with said clamping bolt in a wedge-like manner. According to the invention, the inner and/or outer cones of the clamping bolt (28) and/or the holding elements (34, 36) have in each case two substantially frustoconical contact portions (40, 44 , 44, 44 , 42, 42 , 46, 46)arranged coaxially at an axial distance from one another, which during the clamping operation can be effective either individually or at one and the same time.



No. of Pages : 75 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1342/KOLNP/2012 A

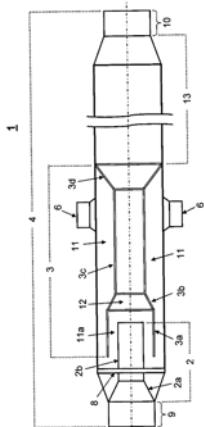
(43) Publication Date : 01/02/2013

(54) Title of the invention : HEAVY FEED MIXER

(51) International classification	:C10G 9/14	(71)Name of Applicant :
(31) Priority Document No	:12/638,078	1)STONE & WEBSTER PROCESS TECHNOLOGY, INC
(32) Priority Date	:15/12/2009	Address of Applicant :1430 ENCLAVE PARKWAY, HOUSTON, TEXAS 77077 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/060279	(72)Name of Inventor :
Filing Date	:14/12/2010	1)LARSON, WILLIAM, ARTHUR
(87) International Publication No	:WO 2011/075475	2)DABNEY, GEORGE, E., JR.
(61) Patent of Addition to Application Number	:NA	3)MURPHEY, JOHN, R., III
Filing Date	:NA	4)FEWEL, KENNETH, JACK, JR.
(62) Divisional to Application Number	:NA	5)WANG, YONG
Filing Date	:NA	

(57) Abstract :

An apparatus designed to completely vaporize an intake of heavy hydrocarbon feedstock is described. The apparatus, a so-called heavy feed mixer, is comprised of pipes being disposed coaxially about a common longitudinal axis. The inner tubular section delivers a two-phase liquid-vapor mixture of hydrocarbon feedstock and dilution steam to the apparatus. The converging/diverging tubular section has a unique structure which converges to a throat section and then diverges to an outlet section. The converging section directs a uniform shroud of superheated steam onto the hydrocarbon stream delivered by the inner tubular section. Impingement of the superheated steam with the intake stream initiates mixing and further vaporization within the throat section. The mixture traverses the converging/diverging tubular section and passes into the outlet section where vaporization is complete. The completely vaporized stream is directed out of the apparatus for further processing downstream.



No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1343/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CHLORINATED OLIGOGERMANES AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification	:C08G 79/00
(31) Priority Document No	:10 2009 056 731.3
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068986
Filing Date	:06/12/2010
(87) International Publication No	:WO 2011/067413
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)NORBERT AUNER

2)CHRISTIAN BAUCH

3)SVEN HOLL

4)RUMEN DELTSCHEW

5)JAVAD MOHSSENI

6)GERD LIPPOLD

7)THORALF GEBEL

(57) Abstract :

The invention relates to chlorinated oligogermanes as a pure compound or as a mixture of compounds, and to a method for the production thereof. The chlorinated oligogermanes as a pure compound or a mixture of compounds respectively comprise at least one direct bond Ge-Ge, the substituents comprise chlorine or chlorine and hydrogen and in the composition thereof, the atomic ratio of substituent to germanium is at least 1:1. The mixture has on average a ratio Ge:Cl of 1:2 - 1:3, or the pure compound has a ratio Ge:Cl of 1:2 - 1:2, 67, preferably 1:2, 2 - 1:2, 5, and the mixture has an average number of germanium atoms of 2 - 10.

No. of Pages : 22 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1350/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PREPARING RUTHENIUM (0)-OLEFIN COMPLEXES

(51) International classification	:C07F 15/00
(31) Priority Document No	:10 2009 053 392.3
(32) Priority Date	:14/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006858
Filing Date	:11/11/2010
(87) International Publication No	:WO 2011/057780
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DOPPIU, ANGELINO

2)RIVAS-NASS, ANDREAS

3)KARCH, RALF

4)WINDE, ROLAND

5)WOERNER, EILEEN

(57) Abstract :

The present invention relates to a process for preparing ruthenium(0)-olefin complexes of the (arene)(diene)Ru(0) type by reacting a ruthenium starting compound of the formula Ru(+II)(X)p(Y)q (in which X = an anionic group, Y = an uncharged two-electron donor ligand, p = 1 or 2, q = an integer from 1 to 6), with a cyclohexadiene derivative or a diene mixture comprising a cyclohexadiene derivative, in the presence of a base. In this process, the arene bound in the (arene)(diene)Ru(0) complex is formed from this cyclohexadiene derivative by oxidation. Suitable ruthenium(II) starting compounds are, for example, RuCl₂(acetomtrile)₄, RuCl₂(pyridine)₄ or RuCl₂(DMSO)₄. The bases used are inorganic or organic bases. The ruthenium(0)-olefin complexes prepared by the process according to the invention have a high purity and can be used as precursors for homogeneous catalysts, for preparation of functional ruthenium- or ruthenium oxide-containing layers and for therapeutic applications.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1351/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS AND DEVICES TO ENHANCE SENSITIVITY AND EVALUATE SAMPLE ADEQUACY AND REAGENT REACTIVITY IN RAPID LATERAL FLOW IMMUNOASSAYS

(51) International classification	:G01N 33/53
(31) Priority Document No	:61/258,074
(32) Priority Date	:04/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055523
Filing Date	:04/11/2010
(87) International Publication No	:WO 2011/057025
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BUCHANAN, THOMAS, M.

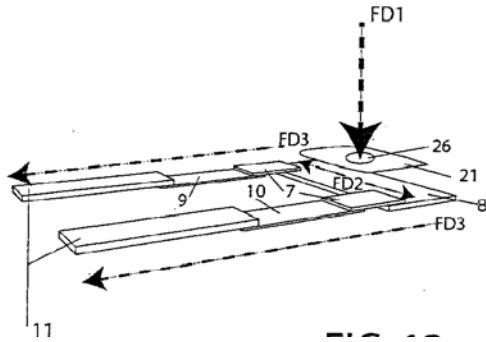
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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)BUCHANAN, THOMAS, M.

(57) Abstract :

Methods and devices for rapid lateral flow immunoassays to detect specific antibodies within a liquid sample while also validating the adequacy of the liquid sample for the presence of immunoglobulin and the integrity and immunoreactivity of the test reagents that detect the antibodies of interest, without requiring instrumentation. The methods and devices provide for delivery of a diluted liquid sample to a single location that simultaneously directs the liquid flow along two or more separate flow paths, one that serves as a positive control to confirm that all critical reagents of the test are immunoreactive, and that the sample being tested is adequate, and the other to detect specific antibodies if present.



No. of Pages : 99 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2012

(21) Application No.1332/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SLIDING ELEMENT, IN PARTICULAR PISTON RING, AND COMBINATION OF A SLIDING ELEMENT WITH A MATING RUNNING ELEMENT

(51) International classification	:C23C 28/00
(31) Priority Document No	:10 2009 046 281.3
(32) Priority Date	:02/11/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/062096 :19/08/2010
(87) International Publication No	:WO 2011/051008
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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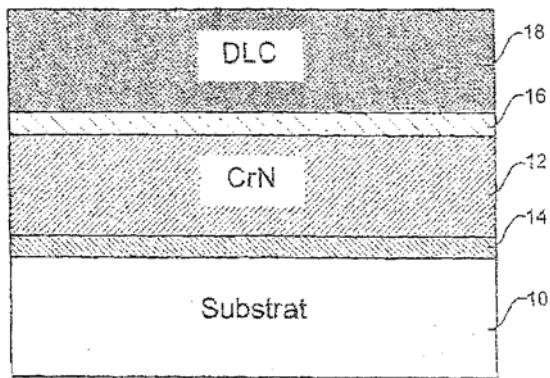
(72)Name of Inventor :

1)KENNEDY, MARCUS

2)ZINNABOLD, MICHAEL

(57) Abstract :

The invention relates to a sliding element, in particular a piston ring, preferably made of cast iron or steel, comprising a coating having a CrN, an Me(CxNy), and a DLC layer extending from the inside to the outside, wherein the DLC layer is either metal-free or consists of a metal-containing substructure and a metal-free DLC top layer. The invention further relates to a combination of such a sliding element with an iron-based mating running element.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1339/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INFORMATION STORAGE DEVICE, REMOVABLE DEVICE, DEVELOPER CONTAINER, AND IMAGE FORMING APPARATUS

(51) International classification	:G03G 21/16	(71)Name of Applicant :
(31) Priority Document No	:2010-134560	1)RICOH COMPANY, LIMITED
(32) Priority Date	:11/06/2010	Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 1438555 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/063993 :13/06/2011	1)TAKAHASHI, YASUFUMI 2)OHYAMA, KUNIHIRO 3)YAMANE, MASAYUKI 4)UCHITANI, TAKESHI 5)HAYAKAWA, TADASHI 6)TAKAHASHI, TAKUJI 7)OKABE, SHOUJI 8)SHINSHI, AKIRA 9)UEDA, YUICHIRO 10)TAKAHASHI, MASAKI 11)SATOH, YUUKI
(87) International Publication No	:WO 2011/155642	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a substrate in which a terminal that comes in contact with a body side terminal installed in an image forming apparatus to communicate information and a hole engaged with a protruding section installed in the image forming apparatus body are formed. An earth terminal engaged with a body side earth terminal formed in a protruding section of the image forming apparatus body is formed in the hole formed in the substrate.

No. of Pages : 230 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1344/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DERAILMENT DETECTOR UNIT WITH EXTENDED SENSITIVITY

(51) International classification	:B61F 9/00
(31) Priority Document No	:102009056931.6
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068631
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/067284
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH.

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(72)Name of Inventor :

1)OCSK, GÁBOR

(57) Abstract :

The invention relates to a derailment detector unit (4) for sensing vertical acceleration peaks on a rail vehicle comprising a vertical movable filling mass (6) connected in series with a compression spring (7) for transforming significant vertical acceleration peaks into an actuation stroke of a mechanically coupled emergency brake valve assembly (8) for actuating a compressed air brake system by venting a main break pipe (HL), wherein the emergency brake valve assembly (8) is actuated via a trigger mass piston (9) preloaded due to vertical motion of the filling mass (6), in order to form a double-mass triggering unit for the emergency brake valve assembly (8).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1353/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR THE DETECTION OF NON-CAVITATED EARLY DENTAL CAVIES LESIONS

(51) International classification	:A61C 19/04
(31) Priority Document No	:61/259,012
(32) Priority Date	:06/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055660
Filing Date	:05/11/2010
(87) International Publication No	:WO 2011/057097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)KLEINBERG, ISRAEL
2)CONFESSORE, FRED
3)CHATTERJEE, ROBI**

(57) Abstract :

The invention provides a device for detecting non-cavitated caries lesions, including a measuring electrode having an electrically conductive tip. The tip is dimensionally configured to fit within a fissure and provide electrical contact with a patients tooth. A reference electrode is also included, the reference electrode being configured for electrical contact with the patients body. A measuring means is also provided for determining electrical conductance between the measuring electrode and the reference electrode, wherein the device is further configured to receive a current source for providing electrical current between the measuring electrode and the reference electrode.

No. of Pages : 45 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1354/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DUCT PLUG INFLATABLE SAFETY DEVICE

(51) International classification	:F16K 7/10
(31) Priority Document No	:61/258,025
(32) Priority Date	:04/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002801
Filing Date	:03/11/2010
(87) International Publication No	:WO 2011/055214
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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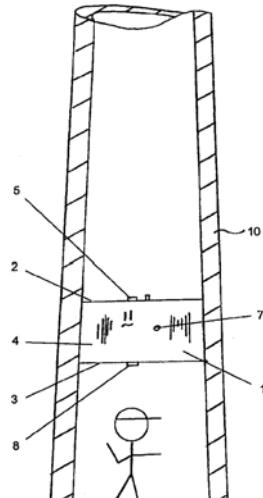
(72)Name of Inventor :

1)KUTACH, KYLE

2)HINDS, ROBERT

(57) Abstract :

An inflatable safety device is provided. A method of using an inflatable safety device in an overhead conduit or area of a cement manufacturing plant to keep debris from falling on a worker below the device, is also provided.



No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.1402/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS TO PREVENT STRIP WALKING

(51) International classification	:B21B 39/14
(31) Priority Document No	:2009-292106
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073644
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/078385
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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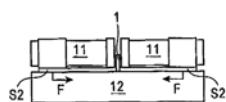
3)SEISHI HATAKEYAMA

(57) Abstract :

Slit strips can be stabilized at the central area of a conveyance line without damaging the edges of the strips or using a complex control system. In addition, even in an unsteady operation in which, for example, the tail end of the strip after the cutting process is passed, the strip can be passed in a stable state. An apparatus to prevent strip walking passes the slit strips S1 and S2 with a pinch roll. The pinch roll includes the lower roll 12 that supports the bottom surfaces of the slit strips and the upper rolls 11 that are separated from each other in a strip width direction. The upper rolls come into contact with the top surfaces of the slit strips and move the slit strips toward the line center by using the outside biased pinch or the inward skew angle. Portions of the slit strips around the line-center-side edges of the slit strips are nipped by the lower roll and the separated upper rolls or by the lower roll and a center roll 2 provided at a line center area near separation ends of the upper rolls that are separated from each other. The apparatus includes the center guide 1 that guides the line-center-side edges of the slit strips that are restrained by being nipped.

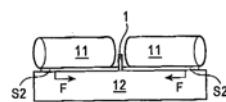
(a)

STRUCTURE BASED ON OUTSIDE BIASED REDUCTION



(b)

STRUCTURE BASED ON INWARD SKEW ANGLE



STRIP CONVEYING DIRECTION: FROM BACK SIDE TO FRONT SIDE OF FIGURE

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2012

(21) Application No.1336/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : WINDING MACHINE

(51) International classification	:B65H 39/16
(31) Priority Document No	:102009057622.3
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067807
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/069807
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ENGELS, ENGELBERT

2)KOCH, MICHAEL

3)LANGENS, ACHIM

(57) Abstract :

The invention relates to a winding machine (1) for producing a feedthrough for very high voltages, having holding means (2, 3) on a winding axle which are opposite each other in a longitudinal direction and which are configured for storing and rotating a high voltage conductor (4) as a winding core, and means (9) for feeding winding layers (5) which can be wound on the high voltage conductor (4) forming a coil (6), with which large feedthroughs can also be produced for very high voltages, without the coil deflecting or the soft paper body mechanically deforming, wherein at least one band carrier system (10) has band guide elements (12), which are configured to contact an edge band (11) to the outer contour of the coil (6), wherein the edge band (11) is kept free at least in sections underneath the coil (6), such that the edge band (11) contacts the coil (6) in a form-complementary manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2012

(21) Application No.1337/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TIN MILL BLACK PLATE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C 38/06
(31) Priority Document No	:2009-274343
(32) Priority Date	:02/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071768
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/068231
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MASAKI TADA

2)TAKUMI TANAKA

3)KATSUMI KOJIMA

4)HIROKI IWASA

(57) Abstract :

A high-strength, high-workability tin mill black plate contains 0.070% to less than 0.080% C, 0.003% to 0.10% Si, 0.51% to 0.60% Mn, and the like on a mass basis and has a tensile strength of 500 MPa or more and a yield elongation of 10% or more. The average size and the elongation rate of crystal grains are 5 µm or more and 2.0 or less, respectively, in cross section in the rolling direction thereof. The hardness difference obtained by subtracting the average Vickers hardness of a cross section ranging from a surface to a depth equal to one-eighth of the thickness of the plate from the average Vickers hardness of a cross section ranging from a depth equal to three-eighths of the plate thickness to a depth equal to four-eighths of the plate thickness is 10 points or more and/or the maximum Vickers hardness difference is 20 points or more. The high- strength, high-workability tin mill black plate is a material suitable for easy-open cans.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1338/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PLANTS EXPRESSING CELL WALL DEGRADING ENZYMES AND EXPRESSION VECTORS

(51) International classification	:A01H 5/00
(31) Priority Document No	:61/280,635
(32) Priority Date	:06/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055746
Filing Date	:05/11/2010
(87) International Publication No	:WO 2011/057159
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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AMERICA

(72)**Name of Inventor :**

1)RAAB, MICHAEL R.

2)BOUGRI, OLEG

3)SAMOYLOV, VLAD

4)EKBORG, NATE

(57) Abstract :

Vectors for expression of proteins in plants are described. The proteins may be enzymes and the enzymes can be but are not limited to cell wall degrading enzymes. A number of plants designed to express specific cell wall degrading enzymes are provided. The plants may have industrial and/or agricultural applications. Methods and materials for making the expression vectors and for making the plants are provided. Processes for which the plants could be used in industrial and agricultural applications are also provided.

No. of Pages : 1136 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1355/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR PRODUCING OLIGOSILANES

(51) International classification	:C01B 33/04
(31) Priority Document No	:10 2009 056 731.3
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068995
Filing Date	:06/12/2010
(87) International Publication No	:WO 2011/067418
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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LUXEMBOURG

(72)Name of Inventor :

1)NORBERT AUNER

2)CHRISTIAN BAUCH

3)SVEN HOLL

4)RUMEN DELTSCHEW

5)JAVAD MOHSSENI

6)GERD LIPPOLD

7)THORALF GEBEL

(57) Abstract :

One embodiment of the invention relates to a method for producing oligosilanes by reacting halogenated oligosilanes with a metal hydride, wherein the reaction occurs in the presence of a catalyst and an alkali metal halide, said catalyst comprising a halide of a multivalent metal; and said reaction also occurs in an ethereal solution.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.1401/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLOAT VALVE SYSTEM FOR A RESPIRATORY HUMIDIFICATION SYSTEM

(51) International classification	:A61M 16/16
(31) Priority Document No	:12/616,414
(32) Priority Date	:11/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052342
Filing Date	:12/10/2010
(87) International Publication No	:WO 2011/059623
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAREFUSION 2200,INC.

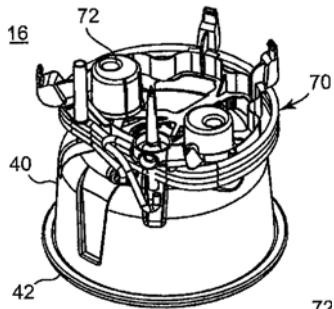
Address of Applicant :3750 TORREY VIEW COURT, SAN DIEGO, CA 91765, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ZOLLINGER, CHRISTOPHER JESSE

(57) Abstract :

A float valve system for controlling an amount of liquid in a chamber is disclosed that includes a first valve seat (84) and a second valve seat (86). Liquid enters the chamber in a first direction to the first valve seat and is transferred in a second direction to the second valve seat. First and second actuating members (58, 60) are provided to selectively open and close the first valve seat and the second valve seat, respectively. A first float (52) is coupled to the first actuating member (58) so as to close the first valve seat upon fluid in the chamber reaching a first predetermined level and a second float (54) is coupled to the second actuating member (60) so as to close the second valve seat upon fluid in the chamber reaching a second predetermined level that is different from the first predetermined level.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1352/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEMS AND METHODS TO GENERATE ELECTRICITY USING A FLOW OF AIR

(51) International classification	:F03D 3/00
(31) Priority Document No	:61/258,576
(32) Priority Date	:05/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/055613
Filing Date	:05/11/2010
(87) International Publication No	:WO 2011/057067
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASSETT, CLIFF

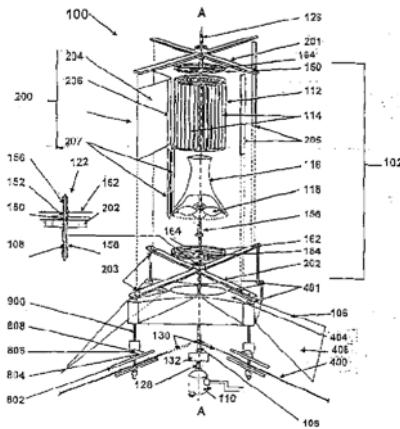
Address of Applicant :221 WEST MADISON STREET
TIPTON, INDIANA 46072 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)BASSETT, CLIFF

(57) Abstract :

A system to generate electricity using a flow of air of the present disclosure, the system comprises a turbine assembly comprising a cylindrical blade drum comprising a plurality of vertical blades, a cone positioned at least substantially within the cylindrical blade drum, the cone defining an upper cone aperture and a lower cone aperture having a larger diameter than the upper cone aperture, and a fan blade positioned at or below the lower cone aperture, the fan capable of rotation to force air in an upward vertical direction, an exterior housing assembly surrounding the turbine assembly, and a vertical shaft having a first end and a second end, the first end positioned at or near the turbine assembly and the second end positioned within an alternator/generator in an interior portion of a building, wherein rotation of the cylindrical blade drum causes the alternator/generator to generate electricity.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.1404/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITIONS AND PROCESSES FOR IMPROVING PHOSPHATATION CLARIFICATION OF SUGAR LIQUORS AND SYRUPS

(51) International classification	:C13B 20/08	(71) Name of Applicant :
(31) Priority Document No	:61/260,175	1)CARBO-UA LIMITED
(32) Priority Date	:11/11/2009	Address of Applicant :P. O. BOX 5126, BEVERLY HILLS, CA 90209-5126 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/056380 :11/11/2010	1)BUSHONG, JAMES
(87) International Publication No	:WO 2011/060168	2)SARIR, EMMANUEL, M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A process for improving phosphatation clarification of sugars can include adding to a sugar liquor a composition having at least one particulate sulfur reagent and at least one or more other particulate solids selected from, a particulate phosphorous reagent, a particulate carbonaceous reagent, a particulate aluminum reagent, a particulate filter aid, and a particulate ammonium reagent. The composition can be added to the phosphatation chemical reaction tank or prior to the phosphatation chemical reaction tank. Phosphatation chemicals, for example polymer decolorant, phosphoric acid, lime and a flocculent, can be added into the process at least five minutes after adding the composition. In using the process, the amount of phosphatation chemicals added is less than the amount of phosphatation chemicals required in the absence of addition of the composition or the purity of the sugar is improved as measured by one or more of color, turbidity and ash.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.1405/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITIONS AND PROCESSES FOR IMPROVING CARBONATATION CLARIFICATION OF SUGAR LIQUORS AND SYRUPS

(51) International classification	:C13B 20/06	(71) Name of Applicant : 1)CARBO-UA LIMITED Address of Applicant :P.O. BOX 5126, BEVERLY HILLS, CA 90209-5126 UNITED STATES OF AMERICA
(31) Priority Document No	:61/260,166	
(32) Priority Date	:11/11/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/056381 :11/11/2010	(72) Name of Inventor : 1)BUSHONG, JAMES 2)SARIR, EMMANUEL, M.
(87) International Publication No	:WO 2011/060169	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to compositions and processes for improving the carbonatation clarification of sugar liquors and syrups. The improved processes involve adding compositions to a sugar liquor directly in the carbonated liquor holding tank (after the final carbonatation saturator), upstream of the carbonated liquor holding tank but downstream of the final stage Carbonatation saturator, before filtration of the carbonated liquor, or at any stage in the sugar purification process. The compositions provided in this invention are mixed intimately into the sugar liquors or syrups, and allowed sufficient time to react to impart an improvement in the clarified liquor obtained therefrom. Compositions can include combinations of one or more of a particulate sulfur reagent, particulate phosphorous reagent, particulate aluminum reagent, silica reagent, particulate carbonaceous reagent, particulate filter aid, a polymer decolorant, and particulate ammonium reagent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1419/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ANTI INTEGRIN ANTIBODIES LINKED TO NANOPARTICLES LOADED WITH CHEMOTHERAPEUTIC AGENTS

(51) International classification	:A61K 47/48
(31) Priority Document No	:09014206.8
(32) Priority Date	:13/11/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/006443 :21/10/2010
(87) International Publication No	:WO 2011/057709
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)MERCK PATENT GMBH

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(72)**Name of Inventor :**

- 1)LANGER, KLAUS**
- 2)ANHORN, MARION**
- 3)KREUTER, JOERG**
- 4)ROTHWEILER, FLORIAN**
- 5)VON BRIESEN, HAGEN**
- 6)WAGNER, SYLVIA**
- 7)MICHAELIS, MARTIN**
- 8)CINATL, JINDRICH**

(57) Abstract :

The invention relates to anti-integrin antibodies which are covalently linked to nanoparticles, wherein these nanoparticles were prior loaded with chemotherapeutic / cytotoxic agents. The antibody-chemotherapeutic agent- nanoparticle conjugates according to the invention, especially wherein the antibody is MAAb DI17E6 and the cytotoxic agent is doxorubicin show a significant increase of tumor cell toxicity.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1340/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MICROCAPSULES CONTAINING PESTICIDE AND HAVING POLYVINYL MONOMERS AS CROSS-LINKING AGENTS

(51) International classification	:A01N 25/28	(71) Name of Applicant :
(31) Priority Document No	:09177493.5	1)BASF SE Address of Applicant :67056 LUDWIGSHAFEN GERMANY
(32) Priority Date	:30/11/2009	(72) Name of Inventor :
(33) Name of priority country	:EPO	1)JUNG, MARC, RUDOLF 2)KOPLIN, TOBIAS, JOACHIM 3)KRAPP, MICHAEL 4)KOLB, KLAUS
(86) International Application No	:PCT/EP2010/068245	
Filing Date	:25/11/2010	
(87) International Publication No	:WO 2011/064312	
(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 microcapsules comprising a pesticide-containing capsule core and a capsule wall, and to a process for the preparation of these microcapsules. Furthermore, the invention relates to an agrochemical formulation comprising the microcapsules, and to the use of the microcapsules for controlling phytopathogenic fungi and/or undesired plant growth and/or undesired insect or mite infestation and/or for regulating the growth of plants.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1341/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MULTILAYER PHARMACEUTICAL COMPOSITION THAT CAN BE DISPERSED IN WATER AND WHICH CONTAINS A COMBINATION OF ANTIMALARIAL AGENTS

(51) International classification	:A61K 9/20
(31) Priority Document No	:0905299
(32) Priority Date	:05/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052369
Filing Date	:04/11/2010
(87) International Publication No	:WO 2011/055083
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SANOFI

Address of Applicant :54 RUE LA BOETIE 75008 PARIS
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(72)**Name of Inventor :**

1)CHAN-SEW, JONATHAN

2)ELBAZ, FRANTZ

(57) Abstract :

The present invention relates to a multilayer pharmaceutical composition that can be dispersed in water, containing one antimalarial agent in combination with at least one other antimalarial agent. The present invention also relates to a method for producing such a pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1349/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SPECIFIC SORBENT FOR BINDING PROTEINS AND PEPTIDES, AND SEPARATION METHOD USING THE SAME

(51) International classification	:B01J 20/32
(31) Priority Document No	:09 015 647.2
(32) Priority Date	:17/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/007759
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/072873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INSTRUCTION GMBH

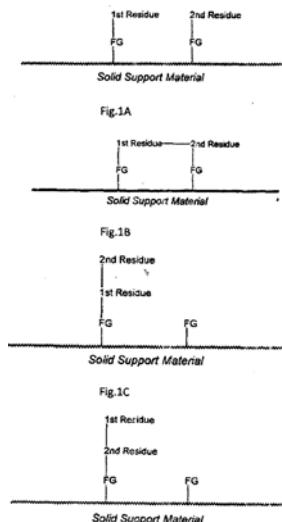
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(72)**Name of Inventor :**

- 1)GOTTSCHALL, KLAUS**
- 2)ARENDET, MARKUS**
- 3)KIRSCHFELD, ANDREAS**
- 4)MEYER, CHRISTIAN**
- 5)WEIS, MARKUS**
- 6)WELTER, MARTIN**
- 7)ZISER, LOTHAR**

(57) Abstract :

Sorbent comprising a solid support material, the surface of which comprises a first residue comprising a pyridyl ring, whose hydrogen atoms may be substituted, and a second residue comprising a carboxyl group.



No. of Pages : 89 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1414/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A LOCK ASSEMBLY FOR AN EXCAVATOR WEAR MEMBER

(51) International classification	:E02F 9/28
(31) Priority Document No	:2009906064
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001556
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/069183
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUIMARAES MIGUEL

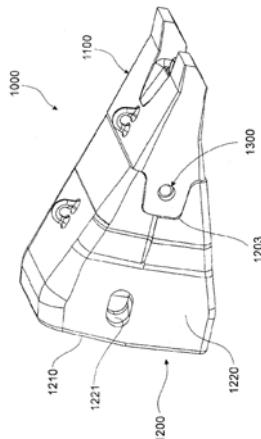
2)LILLEY BRUCE

3)NIENABER QUINTIN

4)YOUNG TONY

(57) Abstract :

A lock assembly for an excavator wear assembly, the lock assembly a locking pin having at least one dowel extending outwardly therefrom. The lock assembly also includes a retaining member having a seat and a cavity and a biasing member located within the cavity of the retaining member. The biasing member is adapted to exert a biasing force on the dowel to releasably retain the dowel within the seat of the retaining member.



No. of Pages : 85 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1415/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AN EXCAVATOR WEAR ASSEMBLY

(51) International classification	:E02F 9/28
(31) Priority Document No	:2009906064
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001682
Filing Date	:13/12/2010
(87) International Publication No	:WO 2011/069215
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUIMARAES, MIGUEL

2)LILLEY, BRUCE

3)NIENABAR, QUINTIN

4)YOUNG, TONY

(57) Abstract :

A wear assembly having an adaptor with a spigot portion is disclosed. The spigot portion has a transverse dimension. The wear assembly also has a wear member releasably mountable on the adaptor. The wear member has a body with a socket cavity and the socket cavity is adapted to receive the spigot portion of the adaptor. The wear member also has a pair of mounting ears extending from the body. Each of the mounting ears has a transverse dimension. The transverse dimension of each mounting ear is in the range 0.25 to 0.4 of the transverse dimension of the spigot portion.

No. of Pages : 59 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1416/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A WEAR MEMBER ASSEMBLY

(51) International classification	:E02F 9/28
(31) Priority Document No	:2009906065
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001676
Filing Date	:10/12/2010
(87) International Publication No	:WO 2011/069212
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUIMARAES, MIGUEL

2)LILLEY, BRUCE

(57) Abstract :

A wear member assembly for a lip of an earth excavating device comprises a first wear member, a second wear member and a retaining pin. The first wear member is mounted to the lip. The first wear member includes a boss extending outwardly from one of its opposite sides. The second wear member is mounted adjacent the first wear member. The second wear member includes a socket in one of its sides. The socket is adapted to receive the boss of the first wear member. The second wear member includes a retaining pin passage in communication with the socket. The retaining pin is removably located in the retaining pin passage. The retaining pin has a first bearing face adapted to oppose and engage a face of the boss received in the socket and a second bearing face which bears against a load bearing face of the retaining pin passage.

No. of Pages : 52 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.1406/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TREATMENTS FOR GASTROINTESTINAL DISORDERS

(51) International classification	:C07K 7/08
(31) Priority Document No	:61/259,264
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056042
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/057272
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MARK G. CURRIE

2)ANGELIKA FRETZEN

3)MARCO KESSLER

4)DANIEL P. ZIMMER

(57) Abstract :

The present invention provides peptides that are useful for the treatment of gastrointestinal disorders. The present invention also provides compositions and methods of treating gastrointestinal disorders and pharmaceutical compositions for accomplishing the same. In some embodiments, these pharmaceutical compositions include oral dosage forms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1413/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A WEAR ASSEMBLY FOR AN EXCAVATOR BUCKET

(51) International classification	:E02F 9/28
(31) Priority Document No	:2009906239
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001729
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/075782
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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**1)GUIMARAES, MIGUEL
2)HEAPHY, PAUL
3)DRAGER, ANDREW
4)PLANT, BEN
5)VICQ, MARTIAL
6)WEBER, GÉRARD**

(57) Abstract :

A wear assembly for an excavator bucket comprises a cast lip, a lower wing shroud and a retaining member. The cast lip includes two upstanding wing plates. Each wing plate has a wing face on a side of the wing plate and a plate retaining formation formed on the wing face. The plate retaining formation has a plate retaining face. The wing shroud is mounted to the wing plate. The wing shroud includes a shroud retaining formation having a shroud retaining face. The retaining member includes a first bearing formation having a first face opposing and engaging the shroud retaining face, and a second bearing formation having a second face opposing and engaging the plate retaining face. The retaining member has a longitudinal axis extending between the first bearing formation and the second bearing formation. The longitudinal axis is located in a plane substantially parallel to the wing face.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1420/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER CONVERTER

(51) International classification	:H02M 1/08
(31) Priority Document No	:2010-008026
(32) Priority Date	:18/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/072545
Filing Date	:15/12/2010
(87) International Publication No	:WO 2011/086804
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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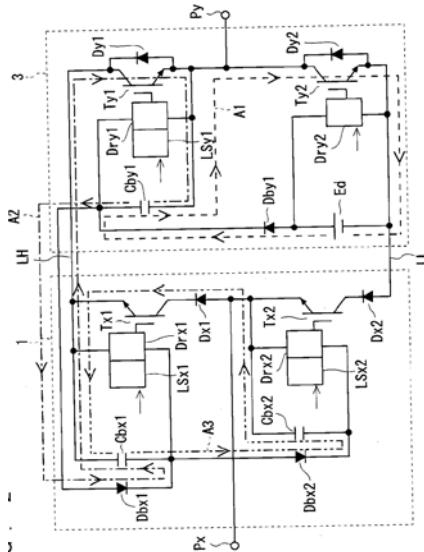
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NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
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(72)Name of Inventor :

1)TOSHIAKI SATOU

(57) Abstract :

The present invention provides a power converter, wherein operation power supply for switching elements for sections other than a power converting section can be obtained from operation power supply for the switching element for a power converting section. A power supplying section (Cby1) is an operation power supply for a switching element (Ty1) for an inverter (3), and one end on a low potential side is connected to one end of the switching element (Ty1) on a DC power supply line (LL) side. A boot capacitor (Cbx1) is connected to one end of the switching element (Tx1) on a DC power supply line (LH) side, where the other end is electrically connected to one end of the power supply section (Cby1) on the high potential side. A diode (Dbx1) is provided in a path extending from one end of the power supply section (Cby1) on the high potential side to the DC power supply line (LH) via the boot capacitor (Cbx1). The diode (Dbx1) makes only the current, which is flowing from the power supply section (Cby1) to the boot capacitor (Cbx1), flow.



No. of Pages : 85 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1421/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMPOSITIONS AND PROCESSES FOR SUGAR TREATMENT

(51) International classification	:A61K 33/00
(31) Priority Document No	:61/260,170
(32) Priority Date	:11/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051501
Filing Date	:05/10/2010
(87) International Publication No	:WO 2011/059601
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CARBO-UA LIMITED

Address of Applicant :P.O. BOX 5126, BEVERLY HILLS,
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(72)Name of Inventor :

1)BUSHONG, JAMES

2)SARIR, EMMANUEL, M.

(57) Abstract :

A composition and process for treating sugar solutions that includes one or more sources of ammonium that obtain a pH in water solution above pH 7.0, such as ammonium bicarbonate (NH4HCO3), ammonium phosphate dibasic (NH4)2HPO4, and ammonium sulfite (NH4)2SO3. The composition can also include a particulate sulfur reagent, an amorphous silica, a particulate aluminum reagent, a particulate phosphorous reagent, a particulate filter aid selected from diatomaceous earth and perlite, a particulate activated carbon, a particulate bleaching earth, a polymer decolorant, or combinations thereof. The individual materials can be pre-mixed before addition to the sugar solution, added individually to the sugar solution, or added as a combination of one or more singular ingredients and one or more pre-mixed ingredients. The invention can stabilize the pH of the sugar solution, reduce the calcium, magnesium or related ash constituents of the sugar solution, achieve color reduction of the sugar solution, or some combination of these effects.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2012

(21) Application No.1403/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR VERTEBRAL OR OTHER BONE STRUCTURE HEIGHT RESTORATION AND STABILIZATION

(51) International classification	:A61B 17/70
(31) Priority Document No	:12/615,573
(32) Priority Date	:10/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053498
Filing Date	:21/10/2010
(87) International Publication No	:WO 2011/059652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)LINDERMAN, EVAN, D.

2)KRUEGER, JOHN, A.

(57) Abstract :

A method for stabilizing a bone structure including directing first and second expandable members in contracted state to a first location within the bone structure. The expandable members are expanded, forming first and second cavities within the bone structure. The first expandable member is transitioned back to the contracted state while maintaining the second expandable member in the expanded state. The first expandable member is removed, and curable material delivered into the first cavity. The second expandable structure is contracted and removed. A curable material is delivered into the second cavity. A height of the bone structure is restored via expansion of the two expandable members, and is retained throughout the procedure first by the second expandable member during delivery of curable material into the first cavity, and then by the hardened material in the first cavity during removal of the second expandable member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1417/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOUNTING OF WEAR MEMBERS

(51) International classification	:E02F 9/28
(31) Priority Document No	:2009906065
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001678
Filing Date	:10/12/2010
(87) International Publication No	:WO 2011/069213
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CQMS PTY LTD

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MACKAY, QUEENSLAND 4740 AUSTRALIA

(72)Name of Inventor :

1)GUIMARAES, MIGUEL

2)LILLEY, BRUCE

(57) Abstract :

An excavator tooth assembly comprises a first wear member and a second wear member. The second wear member is releasably mountable on the first wear member. The first wear member has a lock face. The second wear member also has a lock face. The lock face of the first wear member opposes the lock face of the second wear to define a lock passage therebetween when the second wear member is mounted on the first wear member. The excavator tooth assembly includes a lock pin which is adapted to be received in the lock passage to releasably secure the second wear member to the first member.

No. of Pages : 69 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1418/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLOWING ELECTROLYTE RESERVOIR SYSTEM

(51) International classification	:H01M 2/36
(31) Priority Document No	:2009906174
(32) Priority Date	:18/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001698
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/072339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)REDFLOW PTY LTD

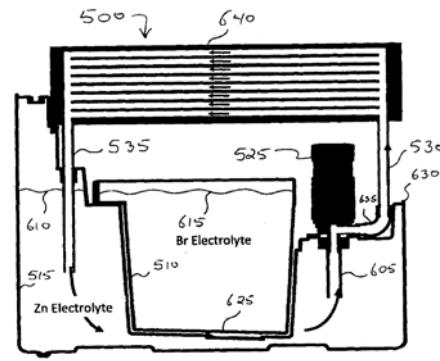
Address of Applicant :1/27 COUNIHAN ROAD,
SEVENTEEN MILE ROCKS, QUEENSLAND 4073,
AUSTRALIA

(72)Name of Inventor :

1)WINTER, ALEXANDER RUDOLF

(57) Abstract :

A flowing electrolyte reservoir system (500) for a flowing electrolyte battery. The system (500) comprises an outer electrolyte tank (515) and an inner electrolyte tank (510) placed under a battery cell stack (640). The inner tank (510) is transversely positioned between opposite corners of the outer electrolyte tank (515), and beneath opposite corners of the battery cell stack (640).



No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1425/KOLNP/2012 A

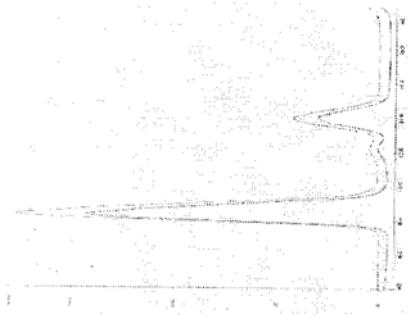
(43) Publication Date : 01/02/2013

(54) Title of the invention : CHEMICAL REAGENTS FOR THE ACTIVATION OF POLYSACCHARIDES IN THE PREPARATION OF CONJUGATE VACCINES

(51) International classification	:C07D 211/18	(71) Name of Applicant :
(31) Priority Document No	:61/287,593	1)FINA BIOSOLUTIONS, LLC
(32) Priority Date	:17/12/2009	Address of Applicant :9610 MEDICAL CENTER DRIVE, SUITE 200, ROCKVILLE, MD20850 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/061133	(72) Name of Inventor :
Filing Date	:17/12/2010	1)ANDREW LEES
(87) International Publication No	:WO 2011/084705	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides novel reagents for cyanating polysaccharides in aqueous or part aqueous solutions so that they may be covalently linked to proteins either directly or through a spacer. These reagents include 1-cyano-4-pyrrolidinopyridinium tetrafluoroborate (CPPT), 1- cyano-imidazole (1-CI), 1-cyanobenzotriazole (1-CBT), or 2-cyanopyridazine-3(2H)one (2- CPO), or a functional derivative or modification thereof. The examples illustrate the use of these reagents with a variety of polysaccharides and proteins showing that the methods are generally applicable.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1426/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HEATED CONDUIT FOR RESPIRATORY HUMIDIFICATION

(51) International classification	:A61M 16/08
(31) Priority Document No	:12/616,395
(32) Priority Date	:11/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052339
Filing Date	:12/10/2010
(87) International Publication No	:WO 2011/059622
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CAREFUSION 2200, INC.

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(72)**Name of Inventor :**

1)KORNEFF, NEIL ALEX

2)WILDAY, REBECCA ANN

(57) Abstract :

A conduit (50) for carrying humidified gases includes a tube extending between a first end (50A) and a second end (50B) and a helical wire positioned in the tube. The helical wire (54) is formed of a conductive core defining a shape of the helical wire. An electrical receptacle is positioned at the first end of the tube and electrically coupled to the communication ends of the helical wire.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1422/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR DOWNLINK SERVICE ADMISSION CONTROL

(51) International classification	:H04W 48/00
(31) Priority Document No	:200910224825.0
(32) Priority Date	:24/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073975
Filing Date	:13/06/2010
(87) International Publication No	:WO 2010/148980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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GUANGDONG 518057, CHINA

(72)Name of Inventor :

1)DONG, YUEXIN

(57) Abstract :

The present disclosure discloses a method and a device for downlink service admission control. The method includes: receiving an admission request message initiated by a downlink service, wherein the admission request message includes a service transmission rate of the downlink service (101); determining the number of Resource Blocks (RBs) required for performing the downlink service according to the service transmission rate of the downlink service (102); determining power required for performing the downlink service according to the number of the RBs required for performing the downlink service and a radio environment of a cell when the number of remaining downlink RBs of the cell is not less than the number of the RBs required for performing the downlink service (103); accessing the downlink service when remaining downlink power of the cell is not less than the power required for performing the downlink service (104). The present disclosure ensures an accurate admission judgment on a service to be accessed, even when scheduling of a Media Access Control (MAC) layer is insufficient. Consequently, the present disclosure ensures that transmission demands such as a bit error ratio and the like can be met after the service is admitted to the cell, thereby increasing system stability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1430/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SELECTIVE HETEROCYCLIC SPHINGOSINE 1 PHOSPHATE RECEPTOR MODULATORS

(51) International classification	:A01N 43/78
(31) Priority Document No	:61/261,295
(32) Priority Date	:13/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056759
Filing Date	:15/11/2010
(87) International Publication No	:WO 2011/060391
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RECEPTOS, INC.

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(72)Name of Inventor :

1)BOEHM, MARCUS, F.

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4)MOORJANI, MANISHA

5)TAMIYA, JUNKO

6)HUANG, LIMING

7)YEAGER, ADAM, RICHARD

(57) Abstract :

Compounds that selectively modulate the sphingosine 1 phosphate receptor are provided including compounds which modulate subtype 1 of the S1P receptor. Methods of chiral synthesis of such compounds is provided. Uses, methods of treatment or prevention and methods of preparing inventive compositions including inventive compounds are provided in connection with the treatment or prevention of diseases, malconditions, and disorders for which modulation of the sphingosine 1 phosphate receptor is medically indicated.

No. of Pages : 180 No. of Claims : 89

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1431/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PATIENT INTERFACE AND ASPECTS THEREOF

(51) International classification	:A61M 16/06
(31) Priority Document No	:61/260,590
(32) Priority Date	:12/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NZ2010/000225
Filing Date	:12/11/2010
(87) International Publication No	:WO 2011/059346
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SALMON, ANDREW, PAUL, MAXWELL

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3)HUANG, WEN, DONG

4)ALLAN, OLIVIA, MARIE

5)MCLAREN, MARK

6)PRENTICE, CRAIG, ROBERT

7)GARDIOLA, ARVIN, SAN, JOSE

8)MACULEY, ALASTAIR, EDWIN

(57) Abstract :

A patient interface includes a seal including a pair of nasal locators extending from a supple background. Each nasal locator includes a tip. The nasal locator becomes narrower moving from the background to the tip. An opening is in the tip of the nasal locator. The nasal locator includes a dome portion adjacent the background and a tubular portion extending from an apex of the dome portion.

No. of Pages : 130 No. of Claims : 134

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1439/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COLOR FILTER SUBSTRATE DISPLAY DEVICE, AND EXPOSURE METHOD

(51) International classification	:G02B 5/20
(31) Priority Document No	:2009-285213
(32) Priority Date	:16/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/007191
Filing Date	:10/12/2010
(87) International Publication No	:WO 2011/074216
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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110-8560 JAPAN

(72)**Name of Inventor :**

1)KOHEI MATSUI

2)RYOSUKE YASUI

(57) Abstract :

A color filter substrate is provided that allows the realization of a liquid crystal display device having excellent display quality and generating no noticeable display unevenness. On a color filter substrate 1, a lattice-shaped black matrix 30 is formed, and a plurality of colored pixels 40 are formed in matrix. The maximum value of the differences between the overlap widths Wa (or Wb) in the row direction between colored layers 41R and the black matrix 30 in an area 50a exposed through a photomask, and the overlap widths Wg (or Wh) in the row direction between colored layers 42R and the black matrix 30 in an area 50b exposed through another photomask, is 4 μm or less. Further, the maximum value of overlap widths Wa to Wl in the row direction between all of the colored pixels and the black matrix is 8 μm or less.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1423/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CURABLE MATERIAL DELIVERY SYSTEMS AND METHODS

(51) International classification	:A61B 17/70
(31) Priority Document No	:12/615,606
(32) Priority Date	:10/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053504
Filing Date	:21/10/2010
(87) International Publication No	:WO 2011/059653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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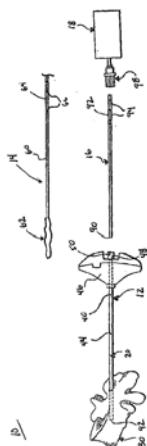
(72)Name of Inventor :

1)LINDERMAN, EVAN D.

2)KRUEGER, JOHN A.

(57) Abstract :

A distal end of a cannula immediately proximate a target site within bone. A portion of a cavity-forming device is extended through the cannula and distally beyond the distal end, and then operated to form a cavity at the target site. A track is defined in tissue of the target site between the distal end of the cannula and the cavity. The cavity-forming device is removed from the cannula, and replaced with a delivery tube. A distal tip of the delivery tube is directed distally beyond the distal end of the cannula, through the track and into the cavity. Finally, a material (e.g., a curable material) is delivered through the delivery tube and into the cavity. The cannula can remain stationary following initial insertion, and curable material is not directly deposited into the normally occurring dead space.



No. of Pages : 43 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1424/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COATED SOLID PREPARATION

(51) International classification	:A61K 31/47
(31) Priority Document No	:2010-042066
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/054256
Filing Date	:25/02/2011
(87) International Publication No	:WO 2011/105539
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1-1, NIHONBASHI-MUROMACHI 2-CHOME, CHOU-KU, TOKYO 103-8666, JAPAN

(72)Name of Inventor :

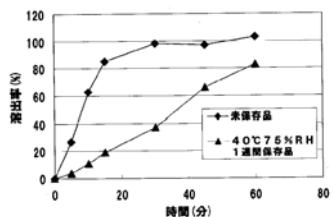
1)FUJISAKI, YUKI

2)YOSHII, RYOJI

3)HORIUCHI, YASUHIDE

(57) Abstract :

An object of the present invention is to provide a montelukast-containing coated solid preparation that can be applied to one-dose package, wherein the humidity stability of montelukast or a pharmacologically acceptable salt thereof contained therein is maintained even when the preparation is unpacked. The present invention provides a coated solid preparation containing as an active ingredient montelukast or a pharmacologically acceptable salt thereof and being coated with a coating layer comprising polyvinyl alcohol and swelling clay, wherein the mass ratio of the above-described polyvinyl alcohol to the above-described swelling clay in the above-described coating layer is 8:2 to 3:7.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1432/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SELECTIVE SPHINGOSINE 1 PHOSPHATE RECEPTOR MODULATORS AND METHODS OF CHIRAL SYNTHESIS

(51) International classification	:A01N 43/78	(71)Name of Applicant :
(31) Priority Document No	:61/261,301	1)RECEPTOS, INC. Address of Applicant :10835 ROAD TO THE CURE, #205, SAN DIEGO, CA 92121 UNITED STATES OF AMERICA
(32) Priority Date	:13/11/2009	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)MARTINBOROUGH, ESTHER 2)BOEHM, MARCUS, F. 3)YEAGER, ADAM, RICHARD 4)TAMIYA, JUNKO 5)HUANG, LIMING 6)BRAHMACHARY, ENUGURTHI 7)MOORJANI, MANISHA 8)TIMONY, GREGG, ALAN 9)BROOKS, JENNIFER, L. 10)PEACH, ROBERT 11)SCOTT, FIONA, LORRAINE 12)HANSON, MICHAEL, ALLEN
(86) International Application No Filing Date	:PCT/US2010/056760 :15/11/2010	
(87) International Publication No	:WO 2011/060392	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds that selectively modulate the sphingosine 1 phosphate receptor are provided including compounds which modulate subtype 1 of the S1P receptor. Methods of chiral synthesis of such compounds is provided. Uses, methods of treatment or prevention and methods of preparing inventive compositions including inventive compounds are provided in connection with the treatment or prevention of diseases, malconditions, and disorders for which modulation of the sphingosine 1 phosphate receptor is medically indicated.

No. of Pages : 202 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1433/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SPHINGOSINE 1 PHOSPHATE RECEPTOR MODULATORS AND METHODS OF CHIRAL SYNTHESIS

(51) International classification	:A01N 43/82
(31) Priority Document No	:61/261,282
(32) Priority Date	:13/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056757
Filing Date	:15/11/2010
(87) International Publication No	:WO 2011/060389
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MARTINBOROUGH, ESTHER

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3)YEAGER, ADAM, RICHARD

4)TAMIYA, JUNKO

5)HUANG, LIMING

6)BRAHMACHARY, ENUGURTHI

7)MOORJANI, MANISHA

(57) Abstract :

Compounds that selectively modulate the sphingosine 1 phosphate receptor are provided including compounds which modulate subtype 1 of the S1P receptor. Methods of chiral synthesis of such compounds is provided. Uses, methods of treatment or prevention and methods of preparing inventive compositions including inventive compounds are provided in connection with the treatment or prevention of diseases, malconditions, and disorders for which modulation of the sphingosine 1 phosphate receptor is medically indicated.

No. of Pages : 145 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1440/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD AND A DEVICE FOR CLEANING A CARBON DIOXIDE RICH FLUE GAS

(51) International classification	:B01D 53/14
(31) Priority Document No	:09178055.1
(32) Priority Date	:04/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/002727
Filing Date	:26/10/2010
(87) International Publication No	:WO 2011/067638
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GRUBBSTR-M, J-RGEN, P.

2)WANG, WUYIN

(57) Abstract :

A gas cleaning system (8) for cleaning a carbon dioxide rich flue gas containing sulphur dioxide generated in a boiler (2) comprises a first gas cleaning device (10) being operative for removing at least 80% of the sulphur dioxide content of the flue gas generated in the boiler (2), thereby generating a partly cleaned carbon dioxide rich flue gas, and a second gas cleaning device (12), being separate from the first gas cleaning device (10) and being operative for receiving at least a portion of the partly cleaned carbon dioxide rich flue gas that passed through the first gas cleaning device (10). The second gas cleaning device (12) is operative for removing at least a portion of the water content of the partly cleaned carbon dioxide rich flue gas by means of cooling the partly cleaned carbon dioxide rich flue gas to condense water there from.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1427/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SINGLE-SCREW COMPRESSOR

(51) International classification	:F04C 18/52
(31) Priority Document No	:2009-291027
(32) Priority Date	:22/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/007447
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/077724
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD

Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)MOHAMMOD ANWAR HOSSAIN

2)MASANORI MASUDA

3)HIROMICHI UENO

(57) Abstract :

A single-screw compressor (1) includes a screw rotor (40), a casing (30) having a cylinder wall (31) in which the screw rotor (40) is rotatably accommodated, a driving mechanism (26) which drives the screw rotor (40) such that operating capacity is variable according to a load, and a slide valve (4) which is provided in a slide groove (33) formed in the cylinder wall (31), faces an outer circumferential surface of the screw rotor (40) to be movable in an axial direction, and adjusts a discharge start position by being moved in the axial direction according to the operating capacity. A discharge side end surface (4a) of the slide valve (4) extends in a direction corresponding to a screw land (42) to which the discharge side end surface (4a) faces when the slide valve (4) is moved to a position corresponding to a part load operation state.

No. of Pages : 73 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1434/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VENTILATION SYSTEMS AND METHODS

(51) International classification	:A61M 16/00
(31) Priority Document No	:61/260,296
(32) Priority Date	:11/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056428
Filing Date	:11/11/2010
(87) International Publication No	:WO 2011/060204
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JR. UNIVERSITY

Address of Applicant :1705 EL CAMINO REAL PALO ALTO, CALIFORNIA 94306 UNITED STATES OF AMERICA

(72)Name of Inventor :

- 1)CALLAGHAN, MATTHEW, JOHN**
- 2)BISHOP, WILLIAM**
- 3)MILLER, LAWRENCE, EDWARD**
- 4)FRYKMAN, PETER**
- 5)BRAHIC, FRANCOIS**

(57) Abstract :

A ventilator includes a compressor, a storage vessel, a valve assembly communicating with the compressor, the storage vessel, and an inhalation line. A controller directs the valve assembly between a storage configuration where ventilation gas is delivered from the compressor into the storage vessel, and a delivery configuration where ventilation gas is delivered from the storage vessel to the inhalation line. The controller is coupled to a pressure sensor for detecting a first pressure within the storage vessel when the valve assembly is directed to the delivery configuration, and detecting subsequent pressure while ventilation gas is delivered from the storage vessel to the inhalation line, the controller determining the volume of ventilation gas delivered to the patient based at least in part on the difference between the first pressure and the subsequent pressure.

No. of Pages : 47 No. of Claims : 95

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1443/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SEPARATION OF ACID COMPONENTS, DUST, AND TAR FROM HOT GASES OF GASIFICATION SYSTEMS

(51) International classification	:B01D 50/00	(71) Name of Applicant : 1)THYSSENKRUPP UHDE GMBH Address of Applicant :FRIEDRICH-UHDE-STRAE 15 44141 DORTMUND GERMANY
(31) Priority Document No	:10 2009 058 656.3	
(32) Priority Date	:16/12/2009	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2010/006922	(72) Name of Inventor :
Filing Date	:13/11/2010	1)PAVONE, DOMENICO
(87) International Publication No	:WO 2011/082729	2)ABRAHAM, RALF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

With a method and a system for separation of acid components, dust, and tar from hot gases of gasification systems, an economical method with a corresponding system is supposed to be created, which allows reliable separation of acid compounds HF, HCl, H2S, dust, and tar in the highest possible temperature range. This is achieved in that the media stream that exits from gasification, at a temperature above 700°C, with additives, is passed to desulfurization and subsequently to a combined cyclone 9 with assigned filter cartridges 17, in a common vessel 8, and that the gas is drawn off behind the filter cartridges, for further use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1444/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PARTIAL HIP PROSTHESIS

(51) International classification	:A61F 2/34
(31) Priority Document No	:09179497.4
(32) Priority Date	:16/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/069977
Filing Date	:16/12/2010
(87) International Publication No	:WO 2011/073351
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TEPIC, SLOBODAN

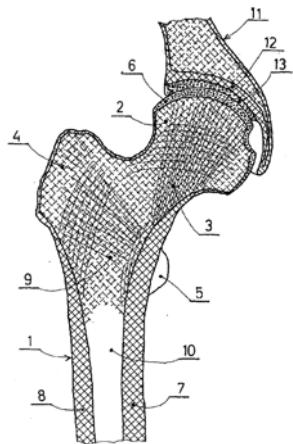
Address of Applicant :RIGISTRASSSE 27B, CH-8006
ZÜRICH SWITZERLAND

(72)Name of Inventor :

1)TEPIC, SLOBODAN

(57) Abstract :

The invention reduces friction and wear in partial hip prosthesis by combining optimized geometry of the articulation and surface treatment of the prosthetic component. The acetabulum is reamed to the bone. One of the articulating surfaces - either that of the reamed acetabulum, or that of the femoral head prosthesis is a-spherical so that a fluid-filled gap is formed at the area of major load transfer. The fluid-filled gap is sealed by an annular area of contact, over which the concave and the convex components are congruent. The preferred surface treatment is by diamond-like coating, which results in very low coefficient of friction and high abrasion resistance against the bone. The prosthetic head is fixed to the femur by either a conventional stem, a perforated shell, or a femoral neck prosthesis screwed onto the femur so that it is partially covered by bone and partially exposed on the medial-inferior aspect, where it abuts the reamed cortex of the calcar region.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1428/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TELESCOPIC STRUCTURAL SUPPORT

(51) International classification	:E04G 21/26
(31) Priority Document No	:102009054627.8
(32) Priority Date	:14/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069151
Filing Date	:08/12/2010
(87) International Publication No	:WO 2011/073064
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERI GMBH

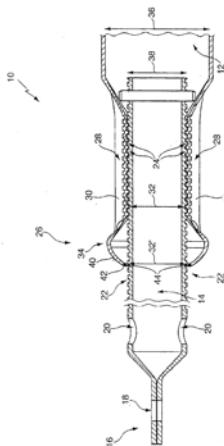
Address of Applicant :RUDOLF-DIESEL-STRASSE 89264
WEIENHORN GERMANY

(72)Name of Inventor :

1)HAEBERLE, WILFRIED

(57) Abstract :

The invention concerns a telescopic push-pull prop 10 for the construction industry, comprising an outer tube 12 and at least one threaded rod or inner tube 14, which is arranged in the outer tube such that it can be axially adjusted therein. An outer thread 22 of the inner tube 14 engages with an inner thread 24 of the outer tube 12. In accordance with the invention, the inner thread 24 of the outer tube 12 is arranged at an axial separation from a free end 26 of the outer tube 12, associated with the inner tube 14, wherein the inner thread 24 of the outer tube 12 is produced by an at least partially circumferential reduction of the outer tube 12 over a mandrel positioned in the outer tube 12, the mandrel comprising an outer thread. At its free end 26, the outer tube 12 has an edge section 34 with a pass-through cross-section 32 that is reduced with respect to a nominal width 36 of the outer tube.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2012

(21) Application No.1429/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF 1-(3-(2-(1- BENZOTHIOPHEN-5-YL)-ETHOXY)PROPYL)AZETIDIN-3-OL OR SALTS THEREOF

(51) International classification	:C07D333/54
(31) Priority Document No	:2005-090831
(32) Priority Date	:28/03/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/306127
Filing Date	:27/03/2006
(87) International Publication No	: WO/2006/104088
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:3279/KOLNP/2007 :05/09/2007

(71)Name of Applicant :

1)TOYAMA CHEMICAL CO., LTD.

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SHINJUKU-KU, TOKYO, JAPAN

(72)Name of Inventor :

1)AKIHITO SAITO

2)YOSHIAKI SUZUKI

3)KENJI YONEZAWA

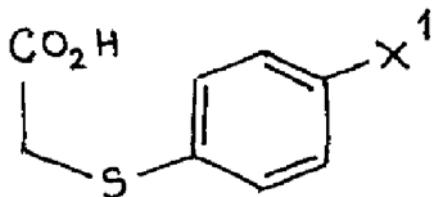
4)MITSUHIDE KAWAMURA

5)TAKAHIKO KUSANAGI

6)TAKASHI NAKAI

(57) Abstract :

A process for the production of 1-(3-(2-(1-benzothiophen-5-yl)ethoxy)propyl)azetidin-3-ol or salts thereof which comprises using as a starting compound a (phenylthio)acetic acid derivative represented by the general formula [1] or a salt thereof: [Chemical Formula 1] (wherein X1 is halogeno) is useful as a safe process for mass production of 1-(3-(2-(1-benzothiophen-5-yl)ethoxy)propyl)azetidin-3-ol or salts thereof which are useful as remedies for central nervous system diseases and peripheral nerve diseases.



No. of Pages : 125 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1437/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD OF MANUFACTURING LIQUID FLOW GUIDING STRUCTURES TO POROUS SUBSTRATES

(51) International classification	:B41M 3/00	(71) Name of Applicant :
(31) Priority Document No	:20096334	1)TEKNOLOGIAN TUTKIMUSKESKUS VTT
(32) Priority Date	:15/12/2009	Address of Applicant :VUORIMIEHENTIE 3, FI-02150 ESPoo, FINLAND
(33) Name of priority country	:Finland	(72) Name of Inventor :
(86) International Application No	:PCT/FI2010/051034	1)LEHTINEN, KAISA
Filing Date	:15/12/2010	2)OLKKONEN, JUUSO
(87) International Publication No	:WO 2011/073519	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for manufacturing liquid- guiding structural layers by flexo or gravure printing on a substrate sheet, using a printing solution, which alters the properties of the substrate sheet in such a way that liquid flow is prevented in the area of the structural layers. The penetrability of the printing layer into the substrate sheet can be regulated by the printing-cylinder pressure and the composition of the printing solution. In the method it is possible to use printing solutions consisting of economical polymers and a solvent. In terms of printing technology, the invention is compatible with existing printing machines and is thus highly suitable for mass production.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1438/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HANDLING PACKAGE OF CUVETTES

(51) International classification	:G01N 35/02
(31) Priority Document No	:20105191
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2011/050162
Filing Date	:22/02/2011
(87) International Publication No	:WO 2011/104438
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THERMO FISHER SCIENTIFIC OY

Address of Applicant :RATASTIE 2, FI-01620 VANTAA,
FINLAND

(72)Name of Inventor :

1)NUOTIO, VESA

2)MAKUNEN, JUHANI

(57) Abstract :

Automatic analyzers, in which the liquids to be analyzed are in so-called reaction vessels, simultaneously acting as optical highquality cuvettes (10), are used in laboratories for analyzing various liquid This publication discloses a handling package for cuvettes.

According to the invention a removable bonding strip (100) is fastened on the row of cuvettes, the strip binding the row of cuvettes during transport and being easily removable when the cuvettes are loaded into the instrument. The cuvettes (5) are loaded into the instrument by supporting the package in its place from the brackets located in the ends of the cuvettes so that the strip (100) can be pulled off the supported package of cuvettes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1447/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MEGASONIC MULTIFREQUENCY APPARATUS WITH MATCHED TRANSDUCERS AND MOUNTING PLATE

(51) International classification	:H01L 41/00	(71) Name of Applicant : 1)MEGASONIC SWEEPING, INC. Address of Applicant :P.O. BOX 7266, TRENTON, NEW JERSEY 08628 UNITED STATES OF AMERICA
(31) Priority Document No	:12/618,644	
(32) Priority Date	:13/11/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/056265	(72) Name of Inventor : 1)GOODSON, J. MICHAEL
Filing Date	:10/11/2010	
(87) International Publication No	:WO 2011/060092	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A megasonic processing apparatus matches the fundamental resonant or higher-level harmonic frequencies of megasonic thickness-mode transducers to the fundamental resonant or higher-level harmonic frequencies of a plate or other mounting structure upon which the transducers are mounted. The multifrequency transducers are piezoelectric transducers operating in thickness mode at different operating frequencies. The thickness of the mounting plate at the transducer locations is selected to provide a resonant or harmonic frequency matched to that of its corresponding transducer. Two or more megasonic transducers are bonded to the same radiating surface.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1441/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A DEVICE FOR SPLITTING FOAM MATERIAL BODIES

(51) International classification

:B26D 3/28

(31) Priority Document No

:102010004205.6

(32) Priority Date

:08/01/2010

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2010/070264

Filing Date

:20/12/2010

(87) International Publication No

:WO 2011/083037

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :PRAGER RING 1-15, 52070
AACHEN, GERMANY

(72)Name of Inventor :

1)LEYENS, NORBERT

2)LENNARTZ, STEFAN

(57) Abstract :

A thin layer (16) is cut from a foam material body (11) using a band-knife (12). A take-off device (20) that lifts and removes the layer (16) from the cutting site, comprises a belt conveyor (21) with an electrostatically chargeable conveyor element (22). The layer (16) is lifted and removed from the cutting site by electrostatic attraction to the conveyor element.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1442/KOLNP/2012 A

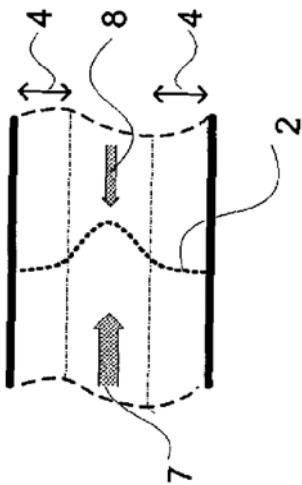
(43) Publication Date : 01/02/2013

(54) Title of the invention : PLASTIC SUDS CONTAINER, AND METHOD FOR PRODUCING A PLATIC COMPONENT OF THE PLASTIC SUDS CONTAINER

(51) International classification	:B29C 45/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH
(32) Priority Date	:NA	Address of Applicant :CARL-WERY-STR. 34 81739
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:PCT/EP2009/067055	(72) Name of Inventor :
Filing Date	:14/12/2009	1)SABATHIL, ANDREAS
(87) International Publication No	:WO 2011/072712	2)QUANDT, CHRISTIAN
(61) Patent of Addition to Application Number	:NA	3)REICHNER, HOLGER
Filing Date	:NA	4)THEEN-VODEGEL, CORNELIUS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates in particular to a plastic suds container, which due to the manufacturing process has joint lines, which are produced in particular during injection molding by means of a plurality of gates. The component according to the invention is characterized by elongated joint lines, the shapes of which have been changed. Perpendicularly with respect to the extension thereof, the intersection lines of the joint lines have deformations which are bell-shaped or are broken up in some areas. Components of said type have increased strength in the region of the joint line. The danger of cracks forming in the region of the joint lines is minimised. In the method for producing such a component, the delivery of plastic material via at least one of the gates present in the injection mould briefly takes place at reduced pressure or is briefly interrupted. The control is done via valves in the feed lines to the injection mould. The time frame for the control is determined by means of simulation or empirically. The existing equipment and tools can be used for the method, and no additional investments are necessary.



No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1450/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUEL PUMP

(51) International classification	:F04D 5/00
(31) Priority Document No	:102009058670.9
(32) Priority Date	:16/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069252
Filing Date	:09/12/2010
(87) International Publication No	:WO 2011/082932
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :VAHRENWALDER STRASSE 9,
30165 HANNOVER, GERMANY

(72)Name of Inventor :

1)FISCHER, MATTHIAS

2)JAEGER, BERND

3)SCHMIDT, CHRISTOPH

(57) Abstract :

The invention relates to a fuel pump, comprising at least one driven impeller made of plastic, which rotates in a pump housing and on the sides comprises guide blades that each delimit at least one ring of blade chambers, and further comprising partial ring-shaped channels arranged on both sides in the region of the guide blades in the pump housing, said channels forming delivery chambers with the blade chambers for delivering fuel, wherein an inlet channel leads into the one delivery chamber and the other delivery chamber leads into an outlet channel, wherein the impeller contains carbon fibers embedded in the plastic.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1451/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FUEL PUMP

(51) International classification	:F04D 5/00
(31) Priority Document No	:102009058672.5
(32) Priority Date	:16/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069241
Filing Date	:09/12/2010
(87) International Publication No	:WO 2011/082930
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :VAHRENWALDER STRASSE 9,
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(72)Name of Inventor :

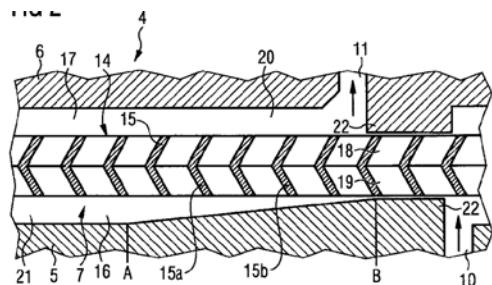
1)FISCHER, MATTHIAS

2)JAEGER, BERND

3)ZLATKO PENZAR

(57) Abstract :

The invention relates to a fuel pump, comprising a driven impeller, which rotates in a pump housing and on the two sides comprises guide blades that each delimit a ring of blade chambers, and further comprising partial ring-shaped channels, which are arranged on both sides in the region of the guide blades in the pump housing and which form delivery chambers with the blade chambers for delivering fuel, wherein an inlet channel leads into the one delivery chamber and the other delivery chamber leads into an outlet channel, and mutually opposing blade chambers are connected to each other. The cross-sectional surface of the partial ring-shaped channel arranged on the inlet side decreases toward the end of the partial ring-shaped channel to zero, wherein the region in which the cross-sectional surface decreases extends over an angular region of more than 45°.



No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1452/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOLDED BODY, HEATING DEVICE AND METHOD FOR PRODUCING A MOLDED BODY

(51) International classification	:C04B 35/053
(31) Priority Document No	:102010004051.7
(32) Priority Date	:05/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069301
Filing Date	:09/12/2010
(87) International Publication No	:WO 2011/082937
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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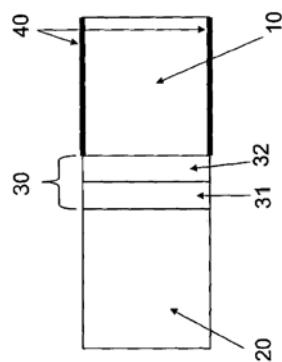
(72)Name of Inventor :

1)JAN IHLE

2)BERNHARD, STEINBERGER

(57) Abstract :

A molded body is provided, having a first region (10) comprising a first ceramic material with a positive temperature coefficient of the electric resistance and a second region (20) comprising a second ceramic material and a third region (30) comprising a third ceramic material. Furthermore, the invention relates to a heating device comprising said molded body. Furthermore, a method for producing a molded body is provided.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1453/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SUBSTANTIALLY TWO-DIMENSIONAL CONSTRUCTION ELEMENT

(51) International classification	:H01L 31/042
(31) Priority Document No	:61/287,407
(32) Priority Date	:17/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/069864
Filing Date	:16/12/2010
(87) International Publication No	:WO 2011/073303
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DESIGNERGY SA

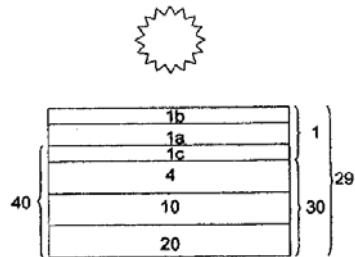
Address of Applicant :VIA MADERNO 24, CH-6900
LUGANO, SWITZERLAND

(72)Name of Inventor :

1)PINI, NICCOLO

(57) Abstract :

A construction element (29) which extends in two dimensions comprises a solar energy converter member (1) which also extends along and defines one surface of the construction element (29). The construction element (29) further comprises a building construction member (30) which extends along the construction element (29) and defines the second surface thereof. At least a part of the solar energy converter member (1) is integral with at least a part of the building construction member (30) whereby this integral part both contributes to the requirements for solar energy conversion as well as to requirements for constructions.



No. of Pages : 30 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1454/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PLUG AND RECEPTACLE

(51) International classification

:H01R 13/52

(31) Priority Document No

:2009-282927

(32) Priority Date

:14/12/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/IB2010/003180

Filing Date

:10/12/2010

(87) International Publication No

:WO 2011/073758

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

(72)Name of Inventor :

1)SATORU TANAKA

2)TATSUYA TAKAGI

3)KOUJI HIGASHIDE

4)TOSHIYUKI TAKII

5)NOBORU HASHIMOTO

6)MASARU YOSHIDA

7)MAKI KONDOU

8)TAKASHI KAWAMOTO

9)EITO SAKUMA

(57) Abstract :

A plug & receptacle includes a plug having plug pins protruded from a tip end of a plug body (90), and a receptacle. The receptacle has a receptacle unit (IA) provided with a recess (73) into which a tip end portion of the plug body is to be inserted and pin receivers into which the plug pins are to be inserted through insertion ports (75) formed in a bottom surface (73a) of the recess (73), respectively. A waterproof seal member (97) provided at the tip end (90a) of the plug body (90) is in contact with the plug body (90) and an inner surface of the recess (73) of the receptacle unit and surround the plug pins (91) while being interposed between an opening of the recess (73) and the plug pins (91). The plug and receptacle prevents infiltration of water between the plug pins, thereby ensuring waterproof performance.

No. of Pages : 64 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1457/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMAGING SURGICAL TARGET TISSUE BY NONLINEAR SCANNING

(51) International classification	:A61B 6/00
(31) Priority Document No	:12/619,606
(32) Priority Date	:16/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056701
Filing Date	:15/11/2010
(87) International Publication No	:WO 2011/060356
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ALCON LENSX, INC.

Address of Applicant :33 JOURNEY, SUITE 175, ALISO VIEJO, CALIFORNIA 92656 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)RAKSI, FERENC

2)HOLLAND, GUY

3)GOLDSCHLEGER, ILYA

(57) Abstract :

Systems and techniques for laser surgery based on imaging a target tissue by nonlinear scanning are presented. In one implementation, a method for guiding an eye surgery can include the steps of: positioning an eye in relation to an imaging system; creating first scan data by determining a depth of an eye target region at a first set of points along a first arc; creating second scan data by determining a depth of the eye target region at a second set of points along a second arc; determining target region parameters based on the first and second scan data; and adjusting one or more surgical position parameters according to the determined target region parameters.

No. of Pages : 80 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1458/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL (HETEROCYCLE/TETRAHYDROPYRIDINE)-(PIPERAZINYL)-1-ALCANONE AND (HETEROCYCLE/DIHYDROPYRROLIDINE)-(PIPERAZINYL)-1-ALCANONE DERIVATIVES, AND USE THEREOF AS P75 INHIBITORS

(51) International classification	:C07D 401/14
(31) Priority Document No	:09/06,025
(32) Priority Date	:14/12/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2010/052686 :13/12/2010
(87) International Publication No	:WO 2011/080445
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SANOFI

Address of Applicant :54 RUE LA BOÉTIE F-75008 PARIS
FRANCE

(72)Name of Inventor :

1)BARONI, MARCO

2)BONO, FRAN‡OISE

3)DELBARY-GOSSART, SANDRINE

4)VERCESI, VALENTINA

(57) Abstract :

The invention relates to (heterocycle/tetrahydropyridine)-(piperazinyl)-1-alcanone and (heterocycle/dihydroptyrrolidine)-(piperazinyl)-1-alcanone derivatives of the general formula (I), where A, W, n, and R2 are as defined in claim 1. The invention moreover relates to the method for preparing said derivatives and to the therapeutic use of said derivatives.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1460/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ADHERENT CELLS FROM PLACENTA AND USE OF SAME IN DISEASE TREATMENT.

(51) International classification	:C12N 5/073
(31) Priority Document No	:61/272,985
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003219
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/064669
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PLURISTEM LTD.

Address of Applicant :MATAM BUILDING #20, 31905 HAIFA (IL). Israel

(72)**Name of Inventor :**

1)ABERMAN, ZAMI

(57) Abstract :

Methods for treating conditions by administration of placenta derived adherent stromal cells to a subject in thereof are provided. Such conditions include skeletal muscle defects, neuropathic pain, and myocardial infarction. Also provided are methods wherein the adherent stromal cells administered are cultured under 2 dimensional or 3 dimensional growth conditions. Also provided are methods in which the cells administered are at least 70% adherent cells from a maternal or fetal portion of the placenta.

No. of Pages : 77 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1463/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR THE PRESERVATION OF ORGANIC PIECE GOODS AND METHOD FOR THE PRODUCTION OF PRESERVED ORGANIC PIECE GOODS

(51) International classification	:A23B 4/033	(71) Name of Applicant :
(31) Priority Document No	:10 2009 055 809.8	1)INNODRYING GMBH
(32) Priority Date	:17/11/2009	Address of Applicant :STEINFELDSTRASSE, 39179
(33) Name of priority country	:Germany	BARLEBEN GERMANY
(86) International Application No	:PCT/DE2010/001340	(72) Name of Inventor :
Filing Date	:17/11/2010	1)WOLFRAM, JENS
(87) International Publication No	:WO 2011/060762	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preserving organic piece goods, for example, foods such as fruits, plants, parts thereof, small animals, and animal piece goods, and organic piece goods from the non-food sector, for example, cut flowers, using a dehydrating solvent and by drying in a drying device, and to a method for producing preserved organic piece goods. According to the invention, the organic piece goods are dried in the drying device in the presence of the solvent at temperatures below 100°C, preferably in a fluidized bed. Said procedure has the advantage of getting by with significantly lower drying temperatures compared to freeze drying, requiring substantially shorter drying times, and thus having significantly better energy efficiency, and being more environmentally friendly. A further important advantage is the gentle drying procedure, wherein the organic piece goods substantially retain the original shape, color, and contents thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1464/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL (HETEROCYCLE/CONDENSED PIPERIDINE)-(PIPERAZINYL)-1-ALKANONE OR (HETEROCYCLE/CONDENSED PYRROLIDINE)-(PIPERAZINYL)-1-ALKANONE DERIVATIVES AND USE THEREOF AS P75 INHIBITORS

(51) International classification	:C07D 471/04
(31) Priority Document No	:906023
(32) Priority Date	:14/12/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2010/052685 :13/12/2010
(87) International Publication No	:WO 2011/080444
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SANOFI

Address of Applicant :54 RUE LA BOÉTIE F-75008 PARIS
FRANCE

(72)Name of Inventor :

1)BARONI, MARCO

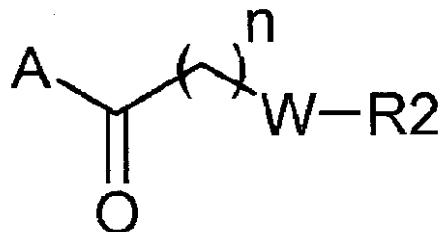
2)BONO, FRAN‡OISE

3)DELBARY-GOSSART, SANDRINE

4)VERCESI, VALENTINA

(57) Abstract :

The invention relates to (heterocycle/condensed piperidine)- (piperazinyl)-1-alcanone or heterocycle/condensed pyrrolidine)-(piperazinyl)-1-alcanone derivatives of the general formula (I), where A, W, n, and R2 are as defined in claim 1. The invention moreover relates to the method for preparing said derivatives and to the therapeutic use of said derivatives.



No. of Pages : 82 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1465/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : NOVEL ANTAGONIST ANTIBODIES AND THEIR FAB FRAGMENTS AGAINST GPVI AND USES THEREOF

(51) International classification	:C07K 16/28
(31) Priority Document No	:09306283.4
(32) Priority Date	:18/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055917
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/073954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANOFI

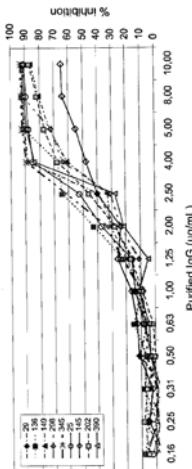
Address of Applicant :54 RUE LA BOÉTIE 75008 PARIS
FRANCE

(72)Name of Inventor :

- 1)BAURIN, NICOLAS
- 2)BLANCHE, FRANCIS
- 3)CAMERON, BÉATRICE
- 4)CORVEY, CARSTEN
- 5)DABDOUBI, TARIK
- 6)ENGEL, CHRISTIAN
- 7)FLORIAN, PETER
- 8)FOCKEN, INGO
- 9)KROLL, KATJA
- 10)KRUIP, JOCHEN
- 11)LANGE, CHRISTIAN
- 12)LANGER, THOMAS
- 13)LORENZ, MARTIN
- 14)MIKOL, VINCENT
- 15)RAO, ERCOLE
- 16)WONEROW, PETER

(57) Abstract :

FR2009/113 PCT PATENT APPLICATION TITLE Novel antagonist antibodies and their Fab fragments against GPVI and uses thereof SANOFI-AVENTIS ABSTRACT The present invention discloses novel antibodies that specifically bind to the human platelet membrane protein Glycoprotein VI (GPVI) and their monovalent fragments or derivatives. The antibodies of the invention are antibodies from hybridoma clone 390 and fragment antibodies thereof able to induce a GPVI depletion phenotype. These antibodies and Fab fragments are able to block collagen binding and thus preventing platelet activation by collagen. The invention also relates to hybridoma clones and expression plasmids for the production of disclosed antibodies and Fab fragments. The present invention further refers to the uses of monovalent antibody fragments to manufacture research, diagnostic and immunotherapeutic agents for the treatment of thrombosis and other vascular diseases. The invention also concerns a Fab bearing a molecule at the C-terminal extremity, as well as method for prevention of recognition of Fab by antibodies using such modified Fab. The invention concerns a method for prevention of platelet activation when an anti-GP VI Fab is used.



No. of Pages : 84 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1448/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER CONVERSION DEVICE

(51) International classification	:H02M 1/08
(31) Priority Document No	:JP2010-008740
(32) Priority Date	:19/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050249
Filing Date	:11/01/2011
(87) International Publication No	:WO 2011/089945
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD

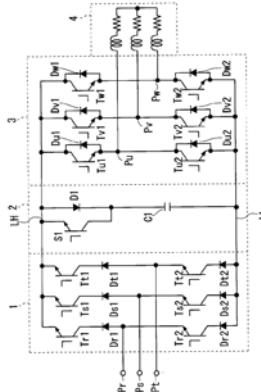
Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)TOSHIAKI SATOU

(57) Abstract :

The present invention provides a power converter, wherein voltage fluctuations of an operation power supply of a switching element of a converter are suppressed. A switching element (Tr2) connects/disconnects an input end (Pr) to/from at least either of power supply lines (LH, LL). A switching element (Tr1) is provided between the power supply lines (LH, LL). One end on the low potential side of a power supply unit (Cbr1) is connected to the switching element on the side of either of the power supply lines (LH, LL). One end of a capacitor (Cbr2) is connected between the switching element (Tr1) and the input end (Pr). The other end of the capacitor (Cbr2) is connected to one end on the high potential side of the power supply unit (Cbr1). The capacitor (Cbr2) and the power supply unit (Cbr1) respectively serve as operation power supplies for outputting switch signals to the switching elements (Tr2, Tr1). A voltage adjustment unit (CCr) maintains voltage across both ends of the capacitor (Cbr2).



No. of Pages : 74 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1449/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER CONVERSION DEVICE

(51) International classification	:H02M 1/08
(31) Priority Document No	:2010-008739
(32) Priority Date	:19/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/072549
Filing Date	:15/12/2010
(87) International Publication No	:WO 2011/089800
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES,LTD,

Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)TOSHIAKI SATOU

(57) Abstract :

The present invention provides a power converter capable of obtaining the operation voltage of a switching element of a power conversion unit from an operation power supply of a switching element of a switch circuit. A power supply unit (Ed) has one end on the low potential side, said end being connected to a switching element (Ty2) on the power supply line (LL) side, and serves as an operation power supply for outputting a switch signal to the switching element (Ty2). A switching element (Tx2) includes a first and a second electrode, and renders an electric current in only a direction from the second electrode to the first electrode conducting. A diode (Dx22) is connected in parallel to the switching element (Tx2) while the cathode thereof is directed to a power supply line (LH). A capacitor (Cbx2) has one end connected to the first electrode of the switching element (Tx2) and the other end connected to the other end of the power supply unit, and serves as an operation power supply for outputting a switch signal to the switching element (Tx2).

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1468/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TRANSMITTER, TRANSMISSION METHOD, RECEIVER, RECEPTION METHOD, PROGRAM, AND INTEGRATED CIRCUIT

(51) International classification	:H04J 11/00	(71) Name of Applicant :
(31) Priority Document No	:2010-004656	1)PANASONIC CORPORATION
(32) Priority Date	:13/01/2010	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA-571-8501, JAPAN
(86) International Application No	:PCT/JP2010/007458	(72) Name of Inventor :
Filing Date	:22/12/2010	1)OUCHI, MIKIHIRO
(87) International Publication No	:WO 2011/086647	2)IGUCHI, NORITAKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmitter 100 includes an L1 signaling data coder 111. In the L1 signaling data coder 111, an L1 signaling data generator 1021 converts transmission parameters into L1-pre signaling data and L1-post signaling data and outputs the L1-pre signaling data and the L1-post signaling data, an energy dispersion unit 121 performs energy dispersion on the L1-pre signaling data and the L1-post signaling data in order, and an L1 error correction coder 1022 performs error correction coding, based on BCH coding and LDPC coding, on the energy-dispersed L1-pre signaling data. This allows for randomization of a large bias in mapping data of the L1-pre signaling data and the L1-post signaling data, thus solving the problem of concentration of power in a specific sample within P2 symbols.

No. of Pages : 125 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1469/KOLNP/2012 A

(43) Publication Date : 01/02/2013

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

(51) International classification	:B23K 9/073
(31) Priority Document No	:2010-227099
(32) Priority Date	:07/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/005447
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/046411
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

(72)Name of Inventor :

1)JUNJI FUJIWARA

2)ATSUHIRO KAWAMOTO

3)AKIRA NAKAGAWA

(57) Abstract :

This arc welding method implements control such that the rate of increase of the short-circuit current and the bend point where said rate of increase changes are smaller in a weld start period than in a steady-state welding period. By thus using short-circuit-current increase rates and bend points of different sizes in the weld start period and the steady-state welding period, spatter in the weld start period is reduced.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1455/KOLNP/2012 A

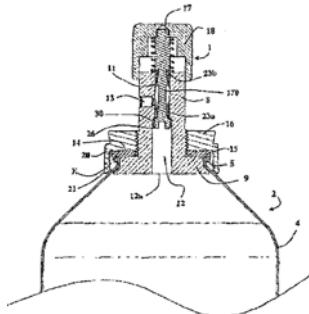
(43) Publication Date : 01/02/2013

(54) Title of the invention : MEASURING CAP FOR A CONTAINER THAT CAN HOUSE A PRESSURIZED FLUID, AND CONTAINER PROVIDED WITH ONE SUCH CAP

(51) International classification	:B65D 83/14	(71) Name of Applicant : 1) GANDY, SERGE Address of Applicant : 2260 ROUTE DE SOUS LE MONT, F-74350 ALLONZIER LA CAILLE FRANCE
(31) Priority Document No	:09 58086	
(32) Priority Date	:17/11/2009	
(33) Name of priority country	:France	
(86) International Application No	:PCT/IB2010/054869	(72) Name of Inventor :
Filing Date	:27/10/2010	1) GANDY, SERGE
(87) International Publication No	:WO 2011/061651	
(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 measuring cap (1) for a pressurised container (2), comprising: a body (8) having an axial fluid channel (12), shaped in order to be inserted into the container (2) through the neck (5); a sealing joint (15) shaped bear on a portion of the body (8); an assembly ring (16) which is used for removably securing the measuring cap (1) to the container (2) and which is removable; and a closure member (17) for selectively closing and opening the fluid outlet channel (12).



No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2012

(21) Application No.1456/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ANTIBIOTIC MICROPARTICLES FOR INHALATION

(51) International classification	:A61K 9/00
(31) Priority Document No	:09179010.5
(32) Priority Date	:14/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068109
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/073002
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHIESI FARMACEUTICI S.P.A.

Address of Applicant :VIA PALERMO, 26/A, I-43100
PARMA ITALY

(72)Name of Inventor :

1)MORTON, DAVID

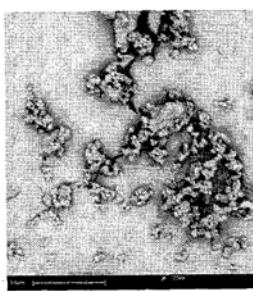
2)QI ZHOU, TONY

3)MUSA, ROSELLA

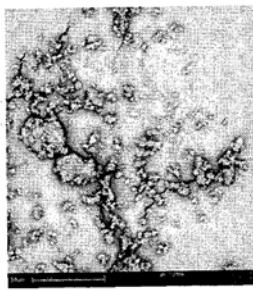
(57) Abstract :

The invention concerns a powder formulation for inhalation comprising microparticles consisting of an antibiotic and magnesium stearate. The invention also relates to a process for preparing said microparticles and to their use in the treatment of bacterial infections associated to certain pulmonary diseases.

(a)



(b)



No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1475/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CUTTING TOOL CLAMPING MECHANISM AND METHOD FOR ASSEMBLING THE SAME

(51) International classification	:B23B 31/113
(31) Priority Document No	:203798
(32) Priority Date	:08/02/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/000040
Filing Date	:13/01/2011
(87) International Publication No	:WO 2011/095965
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ISCAR LTD.

Address of Applicant :P. O. BOX 11, 24959 TEFEN, ISRAEL

(72)Name of Inventor :

1)HANOCH, GUY

(57) Abstract :

A tool clamping mechanism (10) connects a first member (12) to a second member (14). The first member (12) has a cylindrical stem (20) with a coupling tooth (28) projecting from the stem (20). The second member (14) has a clamping cavity (50) formed by the union of a gripping bore (54) and an access hole (52). The access hole (52) has an access bore (62) and a tooth access hole (64) formed to accommodate the stem (20) and the coupling tooth (28) respectively. The stem diameter (D3) of the stem (20) is larger than the gripping bore (D2) diameter of the gripping bore (54). The clamping cavity (50) further has a coupling recess (66) for accommodating the coupling tooth (28). The coupling recess (66) has a drive surface (68) for engaging a driven surface (38) located on the coupling tooth (28) to create a force which pushes the stem (20) from the access bore (62) into the gripping bore (54) and helps prevent separation of the two members (12,14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1476/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TILTING DEVICE FOR A CHAIR

(51) International classification	:A47C 3/025
(31) Priority Document No	:102009060261.5
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/001311
Filing Date	:10/11/2010
(87) International Publication No	:WO 2011/076162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOPSTAR GMBH

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LANGENNEUFNACH, GERMANY

(72)Name of Inventor :

1)MEYER, STEFAN

2)WAGNER, PETER

(57) Abstract :

The invention relates to a tilting device (5) for a chair, comprising a lower plate (6) and an upper plate (7). An elastic body (8) is located therebetween. The lower plate (6) has a bulge (9) in the vertical direction, by means of which the tilting device (5) is placed onto the upper end of a gas spring (2). The seat plate (3) of the chair is fastened to the upper plate (7).

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1477/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A MICROWAVE APPARATUS AND METHOD

(51) International classification	:A61B 18/18
(31) Priority Document No	:61/262,206
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/002114
Filing Date	:17/11/2010
(87) International Publication No	:WO 2011/061486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EMBLATION LIMITED

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INGLEWOOD, ALLOA FK10 2HU UNITED KINGDOM

(72)Name of Inventor :

1)MCERLEAN, EAMON

2)BEALE, GARY

(57) Abstract :

A microwave apparatus comprises a microwave source for providing a microwave signal, connectable to a load; control means configured in operation to vary over a frequency range a frequency of the microwave signal provided by the source; a microwave detector for performing microwave measurements, arranged to receive reflections from and/or transmissions to the load in operation and to perform a plurality of measurements, each measurement corresponding to a respective one of a plurality of different frequencies of the frequency range; and means for determining from the plurality of measurements a measure of reflection and/or a measure of transmission.

No. of Pages : 62 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1470/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HIGH-STRENGTH COLD-ROLLED STEEL SHEET AND METHOD FOR PRODUCING THE SAME

(51) International classification

:C23C 22/78

(31) Priority Document No

:2009-293919

(32) Priority Date

:25/12/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2010/073877

Filing Date

:24/12/2010

(87) International Publication No

:WO 2011/078412

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

1)JFE STEEL CORPORATION

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(72)Name of Inventor :

1)YOICHI MAKIMIZU

2)YOSHITSUGU SUZUKI

3)MAI MIYATA

4)NAOTO YOSHIMI

5)JUNICHIRO HIRQSAWA

6)SHINJI OTSUKA

7)HIDEKI NAGANO

8)KOHEI HASEGAWA

(57) Abstract :

A high-strength cold-rolled steel sheet having high chemical convertibility and a tensile strength of 590 MPa or more and a method for producing such a steel sheet are provided. The steel sheet contains, in terms of percent by mass, C: 0.05 to 0.3%, Si: 0.6 to 3.0%, Mn: 1.0 to 3.0%, P: 0.1% or less, S: 0.05% or less, Al: 0.01 to 1%, N: 0.01% or less, and the balance being Fe and unavoidable impurities. The coverage ratio of reduced iron on a steel sheet surface is 40% or more. In order to produce such a steel sheet, an oxidation treatment is performed after cold rolling. In the oxidation treatment, first heating is conducted on a steel sheet in an atmosphere with an oxygen concentration of 1000 ppm or more until the steel sheet temperature reaches 630°C or higher and then second heating is conducted on the steel sheet in an atmosphere with an oxygen concentration of less than 1000 ppm until the steel sheet temperature reaches 700°C or higher. Subsequently, annealing is conducted in a furnace in a 1 to 10 vol% H₂ + balance N₂ gas atmosphere with a dew point of -25°C or less.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1471/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A METHOD OF PREPARING AN ANTI-ADHESION AGENT

(51) International classification	:C08K5/16
(31) Priority Document No	:00
(32) Priority Date	:07/10/2004
(33) Name of priority country	:
(86) International Application No	:PCT/US2004/032863
Filing Date	:07/10/2004
(87) International Publication No	: WO/2006/041476
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1597/KOLNP/2007
Filed on	:04/05/2007

(71)**Name of Applicant :**

1)LEXION MEDICAL, LLC.

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(72)**Name of Inventor :**

1)OTT, DOUGLAS, E.

2)SPEARMAN, PATRICK, R.

3)GRAY, ROBERT, I.

4)LLOYD, DUANE, E.

(57) Abstract :

A method of preparing an anti-adhesion agent, comprising: supplying a gas stream from an insufflator; injecting at least one anti-adhesion agent into the gas stream to produce an anti-adhesion agent gas stream; and delivering the anti-adhesion agent gas stream into the patient's body during an endoscopy procedure.

No. of Pages : 62 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1478/KOLNP/2012 A

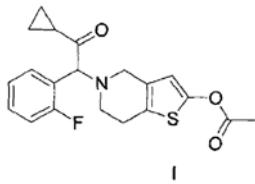
(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD OF PRODUCING HIGHLY PURE PRASUGREL AND PHARMACEUTICALLY ACCEPTED SALTS THEREOF

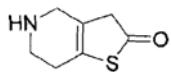
(51) International classification	:C07D 495/04	(71)Name of Applicant :
(31) Priority Document No	:PV 2009-763	1)ZENTIVA, K.S.
(32) Priority Date	:16/11/2009	Address of Applicant :U KABELOVNY 130, 102 37 PRAHA 10, CZECH REPUBLIC
(33) Name of priority country	:Czech Republic	(72)Name of Inventor :
(86) International Application No	:PCT/CZ2010/000115	1)STEPANKOVA, HANA
Filing Date	:12/11/2010	2)KAMINSKA, KATERINA
(87) International Publication No	:WO 2011/057592	3)HAJICEK, JOSEF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

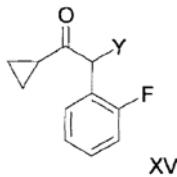
A method for the production of 5-[2-cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl]-4,5,6,7- tetrahydrothieno[3,2-c]pyridin-2-yl acetate of formula I or its salts, characterized in that the compound of formula III in the form of a salt with an arene sulfonic acid is reacted with the compound of formula XV, wherein Y means: chlorine, bromine, or an OR4 group, wherein R4 means an alkane sulfonic group or arene sulfonic group, in an organic solvent in the presence of an inorganic base or organic base, to give, after addition of an acetylating reagent and organic base to the reaction mixture, the compound of formula I, which, after addition of a co-solvent, is crystallized from the reaction mixture, and the compound of formula I is optionally purified by crystallization and optionally converted to a salt by reaction with an organic or inorganic acid in a suitable solvent.



I



III



XV

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1490/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AMMONIA REMOVAL,FOLLOWING REMOVAL OF CO₂, FROM A GAS STREAM

(51) International classification	:B01D 53/14	(71)Name of Applicant :
(31) Priority Document No	:61/287,222	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:17/12/2009	Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/057750	(72)Name of Inventor :
Filing Date	:23/11/2010	1)MURASKIN, DAVID, J.
(87) International Publication No	:WO 2011/084254	2)DUBE, SANJAY, K.
(61) Patent of Addition to Application Number	:NA	3)KOSS, PETER, ULRICH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for removal of CO₂ from a gas stream, comprising the steps of: (a) contacting in a CO₂ absorption stage a gas stream comprising CO₂ with a first absorption liquid comprising ammonia; (b) passing used absorption liquid resulting from step (a) to regeneration; (c) regenerating the first absorption liquid by releasing CO₂ from used absorption liquid and returning the first absorption liquid to step (a); (d) supplying CO₂ released from step (c) to a second absorption liquid; (e) contacting in a contaminant absorption stage the gas stream leaving step (a) with the second absorption liquid; and (f) withdrawing a portion of used absorption liquid resulting from step (e) and passing said liquid portion to regeneration in step (c), before recycling used absorption liquid resulting from step (e) as second absorption liquid to step (d).

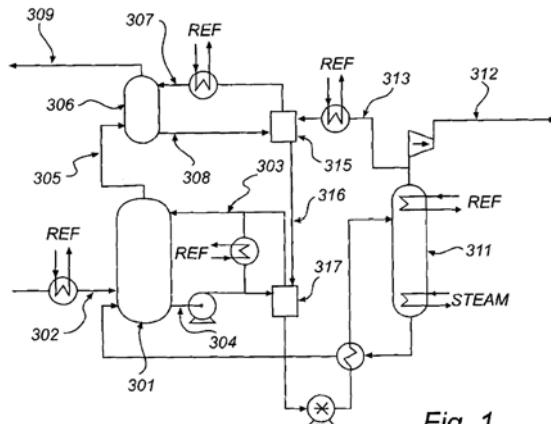


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1472/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RECOMBINANT ANTIBODY VECTOR

(51) International classification	:C12N 15/13
(31) Priority Document No	:2009905601
(32) Priority Date	:16/11/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001532
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/057360
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACYTE BIOTECH PTY LTD

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(72)Name of Inventor :

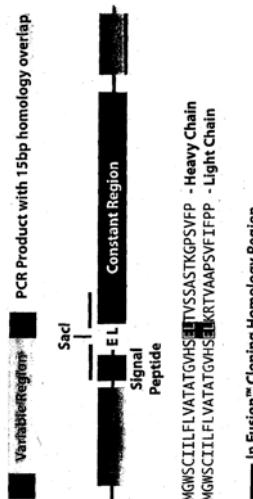
1)MUNRO, TRENT PHILLIP

2)JONES, MARTINA LOUISE

3)SMEDE, MATTHEW GEORGE

(57) Abstract :

A recombinant antibody vector for producing a single chain recombinant antibody comprises: (a) a contiguous nucleotide sequence: (i) that comprises a restriction endonuclease site that encodes an amino acid sequence of an immunoglobulin variable region; and (ii) that encodes an immunoglobulin constant region amino acid sequence in the same reading frame as (i), wherein another nucleotide sequence encoding (iii) an immunoglobulin variable region amino acid sequence, is insertable into the restriction endonuclease site in the same reading frame as (ii); and (b) one or more regulatory nucleotide sequences operably linked or connected to said nucleotide sequence, wherein the amino acid sequence in (i) comprises amino acids conserved in different immunoglobulin variable regions. The restriction endonuclease site may be a SacI site which encodes the conserved amino acids glutamate and leucine. In frame insertion of the nucleotide sequence of (iii) is facilitated by ligase independent cloning.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1473/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PRODUCT DISPENSER WITH LOW PRODUCT INDICATOR

(51) International classification	:B65D 5/52
(31) Priority Document No	:61/263,767
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057020
Filing Date	:17/11/2010
(87) International Publication No	:WO 2011/062981
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SHOLL, ANDREW

2)GELARDI, JOHN, A.

3)BATES, AARON

4)THOMAS, LAUREL

5)LOFTIN, CALEB, S.

(57) Abstract :

A product dispenser including a frame configured to support a plurality of products and flag element connected to the frame, the flag element being moveable relative to the frame from a first, un-deployed configuration when the flag element is engaged with at least one of the products, to a second, deployed configuration when the flag element is not engaged with the products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1474/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DISPENSING SYSTEM AND PACKAGE FOR USER THEREWITH

(51) International classification	:B65D 5/52
(31) Priority Document No	:61/263,767
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056465
Filing Date	:12/11/2010
(87) International Publication No	:WO 2011/062839
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

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2)BATES, AARON

3)THOMAS, LAUREL

4)KING, DEREK

5)GELARDI, JOHN A.

(57) Abstract :

A system for dispensing articles provided initially in a package is disclosed that comprises a frame configured to support the package of articles and a package-opening tool associated with the frame. The frame includes longitudinally opposed front and rear end sections, and an upper support deck extending at least partially between the front and rear end sections and below which a product display area is provided. The opening tool associated with the frame such that its open the package when the package is moved longitudinally on the upper support deck and relative to the opening tool, thereby allowing the articles to be at least partially dispensed from the package into the product display area.

No. of Pages : 77 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1488/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GRINDING CHIP

(51) International classification	:A61C 19/00
(31) Priority Document No	:2009-288801
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068629
Filing Date	:21/10/2010
(87) International Publication No	:WO 2011/077820
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISHIKIBE SEISAKUSHO CO. LTD

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(72)Name of Inventor :

1)MASANORI NISHIKIBE

2)MITSUYOSHI NISHIKIBE

(57) Abstract :

Provided is an abrasive tip with which a tip, a curette, or the like can be readily sharpened by anyone without requiring skill gained through experience. Provided is a shaft (2) that is detachably attached to an end of a handpiece of a dental ultrasonic scaler or a dental air scaler, and a flat plate (3) extending continuously from an end of the shaft (2) and having a top surface (9), a bottom surface, two side surfaces (11), and a front surface (12). An abrasive is fixed to the top surface (9), the bottom surface, the two side surfaces (11), and the front surface (12) by electrodeposition or sintering.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1489/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR COARSE DECARBURIZATION OF A SILICON MELT

(51) International classification	:C01B 33/037
(31) Priority Document No	:102010001093.6
(32) Priority Date	:21/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/070753
Filing Date	:27/12/2010
(87) International Publication No	:WO 2011/088952
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HINTERMAYER, JOCHEN

(57) Abstract :

The present invention relates to a novel process for coarse decarburization of a silicon melt, and to the use thereof for production of silicon, preferably solar silicon or semiconductor silicon.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2012

(21) Application No.1445/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PILOT PATTERNS FOR OFDM SYSTEMS WITH MULTIPLE ANTENNAS

(51) International classification	:H04L 27/26
(31) Priority Document No	:10150668.1
(32) Priority Date	:13/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/JP2011/000158
Filing Date	:13/01/2011
(87) International Publication No	:WO 2011/086936
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA-571-8501, JAPAN

(72)**Name of Inventor :**

1)PETROV, MIHAIL

2)KIMURA, TOMOHIRO

3)OUCHI, MIKIHIRO

(57) Abstract :

The present invention relates to orthogonal frequency- division multiplexing (OFDM) communication systems with multiple transmit antennas receive antennas, and in particular to methods for inserting scattered pilots (SPs) into the transmit signals of such OFDM systems, for estimating channel properties on the basis of the scattered pilots, a multi -antenna OFDM transmitter, and an OFDM receiver. In this context, it is the particular approach of the present invention to keep the same SP pattern like in the single- transmitter case, to partition the pilots into as many subsets as there are transmitters (transmit antennas), and to interleave these subsets both in time and in frequency. In this manner, the granularity of pilots of the same subset is reduced. This offers increased flexibility in designing the scattered pilot patterns and greater accuracy of the estimated channel properties.

No. of Pages : 67 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1494/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMIDAZOLIDINEDIONE DERIVATIVES

(51) International classification	:C07D 233/76
(31) Priority Document No	:0921760.5
(32) Priority Date	:11/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/068946
Filing Date	:06/12/2010
(87) International Publication No	:WO 2011/069951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AUTIFONY THERAPEUTICS LIMITED

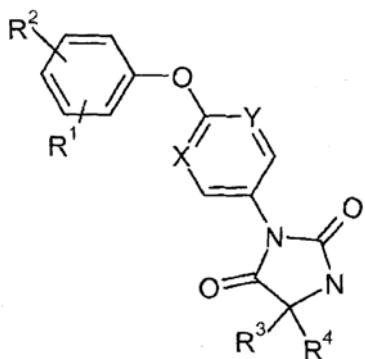
Address of Applicant :90 HIGH HOLBORN LONDON
WC1V 6XX UNITED KINGDOM

(72)Name of Inventor :

- 1)ALVARO, GIUSEPPE
- 2)DECOR, ANNE
- 3)FONTANA, STEFANO
- 4)HAMPRECHT, DIETER
- 5)LARGE, CHARLES
- 6)MARASCO, AGOSTINO

(57) Abstract :

The invention provides a compound of formula (Ia), and pharmaceutically acceptable salts thereof. The invention also provides use of the compounds or salts as modulators of Kv3.1 and/or Kv3.2, and in the treatment of diseases or disorders where a modulator of Kv3.1 and/or Kv3.2 is required, such as depression and mood disorders, hearing disorders, schizophrenia, substance abuse disorders, sleep disorders or epilepsy.



No. of Pages : 180 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1500/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TREATING AN AMORPHOUS METALLIC RIBBON

(51) International classification	:C21D 9/573
(31) Priority Document No	:61/262,603
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001844
Filing Date	:18/11/2010
(87) International Publication No	:WO 2011/060546
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HYDRO-QUEBEC

Address of Applicant :75, BOUL. RENÉ-LÉVESQUE
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CANADA Canada

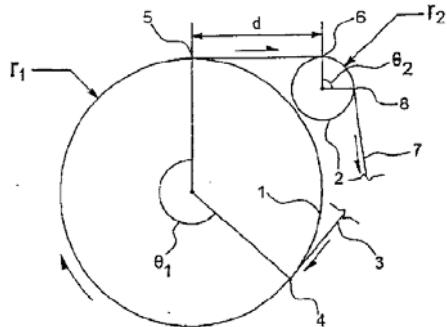
(72)Name of Inventor :

1)FRANCOEUR, BRUNO

2)COUTURE, PIERRE

(57) Abstract :

A method and a system for continuously in-line annealing a forward ferromagnetic amorphous alloy ribbon in a curved shape to improve its magnetic properties without causing the ribbon to become brittle and which operates at significant high ribbon feeding rates. The amorphous alloy ribbon is fed forward, tensioned and guided along a path at a preset feeding rate and is heated at a point along the path at a rate greater than 103oC/sec to a temperature to initiate a thermal treatment. Then the ribbon is initially cooled at a rate greater than 103oC/sec until the thermal treatment ends. During the thermal treatment, a series of mechanical constraints is applied on the ribbon until the amorphous alloy ribbon adopts a specific shape at rest after the thermal treatment is ended. After the initial cooling, the amorphous alloy ribbon is subsequently cooled at a sufficient rate to a temperature that will preserve the specific shape.



No. of Pages : 121 No. of Claims : 90

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1505/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ACTIVE HEAVE COMPENSATION WITH ACTIVE DAMPING CONTROL

(51) International classification	:G05D 15/01
(31) Priority Document No	:61/288,389
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061267
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/084735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EATON COPORATION

Address of Applicant :EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OH 44114-2584, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)YUAN,QINGHUI

(57) Abstract :

A damping control system includes a first sensor configured to detect movement of a vessel and generate a first signal representing the vessel movement and a second sensor configured to detect movement of a cable and generate a second signal representing the cable movement. An actuator is configured to dampen a force applied to a payload during a force event. The force event is at least partially caused by the movement of the vessel and the cable. A controller is configured to identify the force event based at least in part on the first and second signals and control the actuator during the force event to substantially dampen the force applied to the payload.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1506/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE OF A POWER PLANT

(51) International classification	:F03B 13/14
(31) Priority Document No	:20093591
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000471
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/096816
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HASSAVARI, NADER

Address of Applicant :P.O. BOX 48, N-7004 TRONDHEIM, NORWAY.

(72)Name of Inventor :

1)HASSAVARI, NADER

(57) Abstract :

It referred to a device of a power plant for the production of useful energy in the waves by the use of float devices the motion of which are used to power generator to produce energy for further exploitation, and means of conveyance of energy to further use, and it is characterised by a rig that is directed to float in the sea by means of a float supporting construction with the floats in the water line so that these may be affected by wave motion in the sea, and where the floats are arranged in a ring shape around the rig's circumference with spacing between the floats, which floats independently of each other are oriented to engage their respective generators via a transmission system, and the rig is anchored to the seabed via a cable (15): A float construction is also discussed.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1491/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR SIMULTANEOUS PRODUCTION OF ENERGY IN THE FORMS
ELECTRICITY, HEAT AND HYDROGEN GAS

(51) International classification	:C01B 3/02	(71) Name of Applicant :
(31) Priority Document No	:20093575	1)ZEG POWER AS
(32) Priority Date	:22/12/2009	Address of Applicant :FANTOFTVEGEN 3, N-5072 BERGEN, NORWAY
(33) Name of priority country	:Norway	(72) Name of Inventor :
(86) International Application No	:PCT/NO2010/000400	1)RAAHEIM, ARNE
Filing Date	:03/11/2010	2)VIK, ARILD
(87) International Publication No	:WO 2011/078681	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Method and device for sustainable, simultaneous production of energy in the forms electricity, hydrogen gas and heat from a carbonaceous gas, the method comprising: i. continuously dividing a feed charge of carbonaceous gas into a first feed gas flow and a second feed gas flow, ii. charging the first feed gas flow to a primary SOFC to produce electricity and heat and CO₂, iii. charging the other feed gas flow, to a hydrogen gas forming reactor system to produce hydrogen and CO₂, iv. heating the hydrogen gas forming system at least partially by heat developed in at least one SOFC, v. optionally capturing the CO₂ formed in the primary SOFC by burning the afterburner gases in pure oxygen and drying the exhaust gas, vi. capturing the CO₂ formed in the hydrogen gas forming reactor system by use of an absorbent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1492/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SHIP HAVING A WIND POWER GENERATOR

(51) International classification	:B63J 99/00
(31) Priority Document No	:10-2009-0111682
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/004531
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/062345
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KIM, JUEN SOO

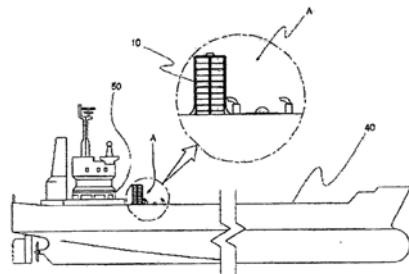
Address of Applicant :50-15, GUGI-DONG JONGNO-GU,
SEOUL 110-011, REPUBLIC OF KOREA

(72)Name of Inventor :

1)KIM, JUEN SOO

(57) Abstract :

The present invention relates to a ship having a wind power generator, comprising: a structure installed on a deck on an upper surface of the ship; a wind-collecting tower which is spaced apart from the structure, and which is installed on the deck such that the height of wind-collecting tower is lower than the height of the structure, and the width of the wind-collecting structure is smaller than the width of the structure; an air duct for conveying wind introduced from the wind-collecting tower; a turbine which rotates by means of the wind conveyed from the air duct; and a generator which operates in accordance with the rotation of the turbine. The wind-collecting tower comprises: a wind tunnel having a circumferential surface including a plurality of through-holes for the introduction of wind; and a guide unit having a plurality of guide passages arranged along the circumference of the wind tunnel so as to guide wind to the through-holes. The guide unit comprises: a plurality of wind-collecting plates arranged in a radial direction along the circumference of the wind tunnel; and a plurality of guide plates interposed between the wind-collecting plates and spaced apart from each other in a vertical direction. The wind power generator operates to generate power by means of the wind generated during the sailing of the ship or by means of natural wind, thus eliminating the necessity of using the power of an engine for generation, preventing an increase in fuel consumption and improving the efficiency of the energy utilization of the ship.



No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1493/KOLNP/2012 A

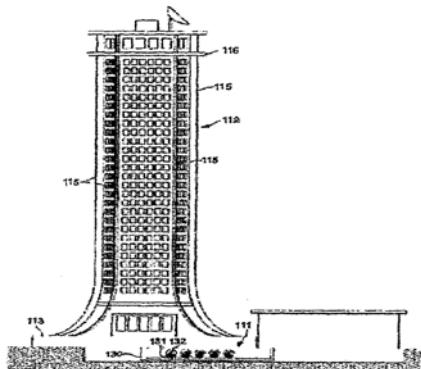
(43) Publication Date : 01/02/2013

(54) Title of the invention : WIND-COLLECTING TOWER FOR A WIND POWER GENERATOR

(51) International classification	:F03D 5/00	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0111688	1)KIM, JUEN SOO
(32) Priority Date	:18/11/2009	Address of Applicant :50-15, GUGI-DONG, JONGNO-GU,
(33) Name of priority country	:Republic of Korea	SEOUL 110-011, REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2010/004552	(72)Name of Inventor :
Filing Date	:13/07/2010	1)KIM, JUEN SOO
(87) International Publication No	:WO 2011/062346	
(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 wind-collecting tower for a wind power generator, comprising a cylindrical wind tunnel which stands upright on a base, and which has a circumferential surface with a plurality of wind inlet ports for introduction of wind; a guide unit having a plurality of guide passages arranged on the circumference of the wind tunnel to guide wind introduced from the outside to the wind inlet ports; a plurality of louvered windows formed on the guide passages of the guide unit and spaced apart from the wind tunnel, such that the wind introduced into the guide unit is guided downwardly by the guide unit and introduced into the wind inlet ports of the wind tunnel; and one or more support frames which are arranged transversely on the respective guide passages, and which have one or more through-holes covered by the louvered windows. The guide unit comprises: a plurality of wind-collecting plates arranged in a radial direction along the circumference of the wind tunnel; and a plurality of guide plates arranged on the circumference of the wind tunnel between the wind-collecting plates and spaced apart from each other in a vertical direction such that the guide plates cooperate with the wind-collecting plates so as to form the guide passages. The entirety of the surface area of the wind tunnel serves to introduce air from the outside, and power-generating efficiency of the wind power which generates electrical energy by means of the wind collected in the wind tunnel is improved.



No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1497/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FILTERS COMPRISING AN ACTIVATED CARBON PARTICLE COATED WITH PDADMAC AND METHODS OF MAKING SAME

(51) International classification	:B01J 20/20
(31) Priority Document No	:61/286,180
(32) Priority Date	:14/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/059635 :09/12/2010
(87) International Publication No	:WO 2011/081820
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

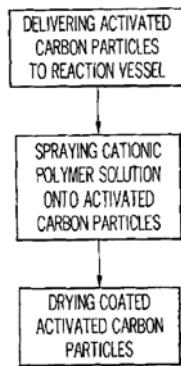
1)PUR WATER PURIFICATION PRODUCTS, INC
Address of Applicant :1 HELEN OF TROY PLAZA, EL PASO, TEXAS 79912 UNITED STATES OF AMERICA

(72)Name of Inventor :

- 1)PEARKS, ANDREW, THOMAS**
- 2)ONONYE, ALOYSIUS, IKE**
- 3)MITCHELL, MICHAEL, DONOVAN**
- 4)COLLIAS, DIMITRIS, IOANNIS**
- 5)BJORKQUIST, DAVID, WILLIAM**
- 6)BEERSE, PETER, WILLIAM**

(57) Abstract :

Embodiments of systems and methods for producing a coated activated carbon comprise the steps of providing activated carbon particles having a particle size up to about 100 µm, and coating the activated carbon particles by spraying droplets of a cationic polymer solution onto the surface of the activated carbon particles, wherein the cationic polymer solution comprises about 1% to about 15% by weight cationic polymer and the droplet size is between about 5 µm to about 100 µm.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1498/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PROCESS FOR DECARBURIZATION OF A SILICON MELT

(51) International classification

:C01B 33/037

(31) Priority Document No

:102010001094.4

(32) Priority Date

:21/01/2010

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2010/070756

Filing Date

:27/12/2010

(87) International Publication No

:WO 2011/088953

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EVONIK DEGUSSA GMBH

Address of Applicant :RELLINGHAUSER STRASSE 1-11,
45128 ESSEN, GERMANY

(72)Name of Inventor :

1)HINTERMAYER,JOCHEN

(57) Abstract :

The present invention relates to a novel process for decarburizing a silicon melt, and to the use thereof for production of silicon, preferably solar silicon or semiconductor silicon.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1499/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BATTERY AND METHOD FOR OPERATING A BATTERY

(51) International classification	:H01M 12/06
(31) Priority Document No	:10 2009 057 720.3
(32) Priority Date	:10/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069059
Filing Date	:07/12/2010
(87) International Publication No	:WO 2011/070006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN, GERMANY

(72)Name of Inventor :

1)LANDES, HARALD

2)ZAMPIERI, ALESSANDRO

(57) Abstract :

The invention relates to a battery comprising a cathode (6) and an anode (10), between which a solid electrolyte (6) is disposed. The battery comprises a process gas feed on the cathode side. The battery is characterized in that an electrically conductive supporting body (12) is disposed on the cathode surface (13), comprising in turn at least one chamber (14) connected to the anode, comprising a porous, oxidizable material (16) and a redox pair that is gaseous at an operating temperature of the battery.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1516/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRIC POWER SUPPLY SYSTEM

(51) International classification	:H02J 3/38
(31) Priority Document No	:2009-291326
(32) Priority Date	:22/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/003305
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/077221
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

(72)Name of Inventor :

1)KIYOTAKA TAKEHARA

2)KENJI NAKAKITA

(57) Abstract :

Disclosed is an electric power supply system which has: a common power source which stores and supplies a power via a local power grid; and a distributed power source which supplies a power to buildings and a surplus to the common power source. The electric power supply system further includes a first power meter measuring the amount of power supplied from a commercial power source, a second power meter measuring the amount of power received from and supplied to the common power source via the local power grid, and a distribution control device which distributes a power from the common power source to the area based on the amounts of power as measured by the first power meter and the second power meter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1517/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PERFORM FOR LARGE CONTAINER,LARGE CONTAINER,AND METHOD FOR PRODUCING LARGE CONTAINER

(51) International classification	:B29C 49/06	(71) Name of Applicant :
(31) Priority Document No	:2009-296196	1)NISSEI ASB MACHINE CO.,LTD.
(32) Priority Date	:25/12/2009	Address of Applicant :4586-3, KOO, KOMORO-SHI, NAGANO 384-8585 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/072875	1)DAICHI AOKI
Filing Date	:20/12/2010	2)HIROYUKI TSUKAMOTO
(87) International Publication No	:WO 2011/078111	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A preform 20 for a large container, used for producing a large container which is made of a polyethylene terephthalate resin and which is formed by stretch blow molding, is formed by injecting molding to have a wall thickness of 6 mm to 9 mm and have a longitudinal axis length longer than that of the large container which is a final molded product.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1518/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTROLLING CIRCUIT FOR AN ELECTROMAGNETIC SWITCHING DEVICE

(51) International classification	:H01H 47/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/051486
Filing Date	:08/02/2010
(87) International Publication No	:WO 2011/095224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

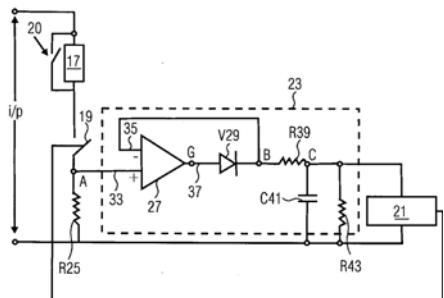
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)VENKATRAMANI SUBRAMANIAM

(57) Abstract :

The invention relates to a circuit (23) for conditioning a current flowing through a coil (17) in an electromagnetic switching device, the circuit comprising, an amplifier (27) comprising a first amplifier terminal (33) to receive the current flowing through the coil (17) as an input, a second amplifier terminal (35) to receive a second input signal and a third amplifier terminal (37) for outputting an output signal, a diode (29) comprising a first diode terminal (30) connected to the third amplifier terminal (37) to receive the output signal of the amplifier and a second diode terminal (32) to provide an output, wherein the second diode terminal (32) is connected to the second amplifier terminal (35) to provide the output of the diode (29) as the second input signal to the second amplifier terminal (35), and a filter circuit (31) connected to the second diode terminal (32) to filter the output of the diode (29).



No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1503/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLUID BYPASS SYSTEM

(51) International classification	:F15B 11/042
(31) Priority Document No	:12/648,410
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061223
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/090642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EATON COPORATION

Address of Applicant :EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OH 44114-2584, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)DYBING,PHILIP,JAMES

(57) Abstract :

A method for actuating a bypass control valve assembly of a fluid system includes receiving a first input signal at an electronic control unit. The first input signal is related to an active position of a direction control valve that is in fluid communication with a fluid pump and a fluid actuation device. The directional control valve includes a neutral position that provides fluid communication between a fluid inlet port of the directional control valve and a fluid outlet port of the directional control valve. A second input signal is received at the electronic control unit. The second input signal is related to the rotational speed of the fluid pump. The second input signal is compared to a limit. A drain valve of a bypass valve assembly is actuated so that fluid communication between the fluid pump and a fluid reservoir through the bypass valve assembly is blocked.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1504/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SUPERCHARGER TIMING GEAR OIL PUMP

(51) International classification	:F04C 2/14
(31) Priority Document No	:12/643,172
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003323
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/077230
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EATON COPORATION

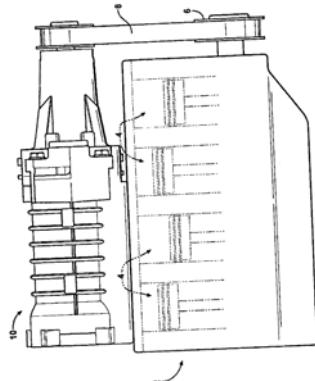
Address of Applicant :EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OH 44114-2584, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)OUWENGA,DANIEL,R.

(57) Abstract :

A positive displacement pump (10) is provided. The pump (10) includes a housing (12), and first and second meshed rotors (54, 56) rotatably disposed in the housing (12) and arranged to transform relatively low-pressure inlet port air into relatively high-pressure outlet port air. The pump (10) additionally includes first and second meshed timing gears (36, 38) fixed relative to the first and second rotors (54, 56), respectively, for preventing contact between the first and second rotors (54, 56), and sufficiently enclosed to generate a flow of lubricating fluid. Furthermore, the pump (10) includes an input drive (11) adapted to be rotatably driven at speeds proportional to speeds of an internal combustion engine (2) and arranged to drive the first and second timing gears (36, 38).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1521/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PREPARATION OF A POWDERY PHARMACEUTICAL COMPOSITION BY MEANS OF AN EXTRUDER

(51) International classification	:A61K 9/14
(31) Priority Document No	:10001095.8
(32) Priority Date	:03/02/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/000432
Filing Date	:01/02/2011
(87) International Publication No	:WO 2011/095314
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GRÜNENTHAL GMBH

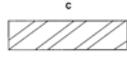
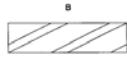
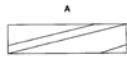
Address of Applicant :ZIEGLERSTRASSE 6, D-52078
AACHEN, GERMANY

(72)Name of Inventor :

1)HAUPTS, MARCEL

(57) Abstract :

The invention relates to a method for the preparation of a powdery pharmaceutical composition comprising a pharmaceutical excipient and a pharmaceutical component, the method comprising the step of extruding a mixture of the pharmaceutical excipient and the pharmaceutical component in an extruder at a temperature profile allowing a liquid melt of the mixture to congeal in the extruder and to exit the extruder in form of a powder.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1522/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMBINATION THERAPY FOR COPD

(51) International classification	:A61K 9/00
(31) Priority Document No	:09180670.3
(32) Priority Date	:23/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070477
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/076841
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHIESI FARMACEUTICI S.P.A.

Address of Applicant :VIA PALERMO, 26/A, I-43100
PARMA ITALY

(72)Name of Inventor :

1)BONELLI, SAURO

2)USBERTI, FRANCESCA

3)ZAMBELLI, ENRICO

(57) Abstract :

The invention concerns an aerosol formulation suitable for administering to COPD patients by means of a pressurized metered dose inhaler (pMDI), comprising glycopyrronium chloride in combination with formoterol. The formulation further comprises a HFA propellant, a co-solvent, and an amount of inorganic acid sufficient to stabilize both the glycopyrronium chloride and the formoterol components. Optionally the formulation further comprises beclometasone dipropionate.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1523/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COMBINATION THERAPY FOR COPD

(51) International classification	:A61K 9/00
(31) Priority Document No	:09180671.1
(32) Priority Date	:23/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070479
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/076843
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHIESI FARMACEUTICI S.P.A.

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PARMA ITALY

(72)Name of Inventor :

1)BONELLI, SAURO

2)USBERTI, FRANCESCA

3)ZAMBELLI, ENRICO

(57) Abstract :

The invention concerns an aerosol formulation suitable for administering to COPD patients by means of a pressurized metered dose inhaler (pMDI), comprising glycopyrronium bromide in combination with formoterol. The formulation further comprises a HFA propellant, a co-solvent, and an amount of inorganic acid sufficient to stabilize both the glycopyrronium bromide and the formoterol components. Optionally the formulation further comprises beclometasone dipropionate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1519/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TURBOCHARGER

(51) International classification	:F02B 37/00
(31) Priority Document No	:102010008299.6
(32) Priority Date	:17/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/US2011/023295
Filing Date	:01/02/2011
(87) International Publication No	:WO 2011/102959
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LISCHER,THOMAS

(57) Abstract :

The present invention relates to a turbocharger (1) for an internal combustion engine (2), having at least one low-pressure exhaust-gas recirculation line (3) which opens out via an exhaust-gas mixing-in opening (12) into an intake line (10) of the internal combustion engine (2); having a turbine (4) and having a compressor (5) which is drive-connected to the turbine (4) and which has a compressor wheel (6) which is arranged in a compressor housing (7) into which the intake line (10) opens out via a compressor inlet (11), and having a mixing device (18) for mixing recirculated exhaust gas (AG) and fresh air (FL), characterized in that the mixing device (18) has an inflow distributor (21) in which the exhaust-gas recirculation line (3), which extends at least substantially along the longitudinal axis (L) thereof, and the intake line (10), which extends at least substantially at right angles to the longitudinal axis (L), open out, and in that, as viewed in the flow direction (R) of the exhaust gases (AG), an impact plate (23) is provided downstream of an outflow opening (22) of the exhaust- gas recirculation line (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1520/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SLIDING CLOSURE FOR A METALLURGICAL CONTAINER

(51) International classification	:B22D 41/24
(31) Priority Document No	:02016/09
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2010/007790
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/085787
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :B-SCH 83A, CH-6331 HÜNENBERG,
SWITZERLAND

(72)Name of Inventor :

1)ACKERMANN, PHILLIPP

2)KELLER, WERNER

3)ZINGRE, ANGELO

(57) Abstract :

The invention relates to a sliding closure (1) for a metallurgical container, comprising two fireproof closing plates (3; 5), of which one is arranged in a slide unit (6) and is used to open and close a spout opening (10). The other closing plate (3) is arranged in a metal housing (2) that can be fastened to the container. Said stationary housing (2) and the slide unit (6) also accommodate an upper fireproof inlet sleeve (4) on the container side and a lower fireproof spout sleeve (8). In the housing (2) and in the slide unit (6), at least one additional inner part (2a, 2a, 7a) is arranged in each case, each additional inner part enclosing the spout sleeve (8) or the inlet sleeve (4). Thus, thermal stresses in the slide unit or in the housing can be reduced and the risk of cracks forming can be significantly reduced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1538/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS FOR AN ELECTROMAGNETIC SWITCHING DEVICE

(51) International classification	:H01H 47/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/051477
Filing Date	:08/02/2010
(87) International Publication No	:WO 2011/095223
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

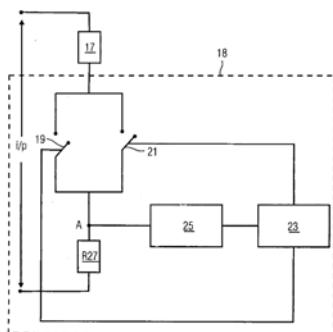
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)SUBRAMANIAM, VENKATRAMANI

(57) Abstract :

The invention relates to an apparatus (18) for driving a coil (17) of an electromagnetic switching device, the apparatus (18) comprising a first switch (19) to supply a pick-up current to the coil (17), a second switch (21) to supply a hold-on current to the coil (17), and wherein the first switch (19) and the second switch (21) are controllable responsive to a current flowing through the coil (17).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1539/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOTORCYCLE

(51) International classification	:F02D 29/02
(31) Priority Document No	:2009-281005
(32) Priority Date	:10/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071343
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/070941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

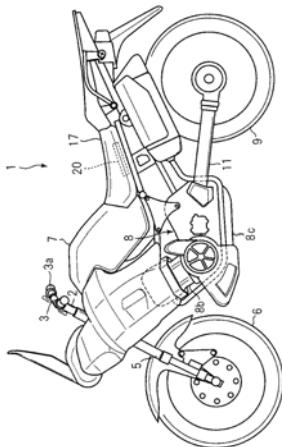
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
Address of Applicant :2500 SHINGAI, IWATA-SHI,
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(72)Name of Inventor :

1)KINOSHITA, TOMOHIRO
2)FUJITA, HIROKAZU

(57) Abstract :

An object is to provide a motorcycle that sets a target slip value based on an accelerator operation by a driver, and is able to prevent sharp drop of the output torque of the drive power source and to obtain comfortable riding during execution of traction control. The motorcycle includes: a target slip value calculating section for calculating a target slip value, based on an accelerator operation by a driver; and an actual slip value calculating section for calculating an actual slip value, based on the difference between the rotation speed of the front wheel and the rotation speed of the rear wheel. The motorcycle further has a drive power source control section for reducing the output torque of the drive power source, based on the difference between a criterion value different from the target slip value and the actual slip value when the actual slip value is lower than the target slip value.



No. of Pages : 65 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1508/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RESPONSE DEVICE, INTEGRATED CIRCUIT OF SAME, RESPONSE METHOD, AND RESPONSE SYSTEM

(51) International classification	:H04L 29/08
(31) Priority Document No	:2010-145999
(32) Priority Date	:28/06/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/003506
Filing Date	:20/06/2011
(87) International Publication No	:WO 2012/001908
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

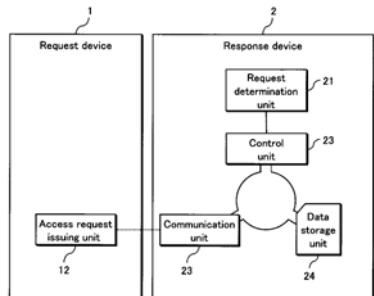
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(72)Name of Inventor :

1)YUUSAKU OHTA

(57) Abstract :

The present invention performs efficient data transfer between devices. In particular, the present invention can reduce processing loads and power consumption of a response device 2 and increase overall throughput. When a request device 1 issues a direct transfer request to directly transfer data to or from a data storage unit 24 included in the response device 2, the response device 2 performs control so that data is directly transferred between a communication unit 23 and the data storage unit 24. The request device 1 is allowed to transparently and directly access the data storage unit 24 included in the response device 2 via the communication unit 24 between the request device 1 and the response device 2.



No. of Pages : 61 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1509/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HERBICIDE TOLERANT SOYBEAN PLANTS AND METHODS FOR IDENTIFYING SAME

(51) International classification

:C12Q 1/68

(31) Priority Document No

:61/263,707

(32) Priority Date

:23/11/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/057886

Filing Date

:23/11/2010

(87) International Publication No

:WO 2011/063413

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

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(72)Name of Inventor :

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2)LETTOW, LESLIE, JAMES

3)EBY, MARK, ALAN

4)EBY, WILLIAM, H.

5)WELZ, GÜNTHER

6)VERHAEGHE, STEVEN

7)DE BEUCKELEER, MARC

8)HABEX, VEERLE

9)FERULLO, JEAN- MARC

(57) Abstract :

The invention provides specific transgenic soybean plants, plant material and seeds, characterized in that these products harbor a stack of specific transformation events at specific locations in the soybean genome. Tools are also provided which allow rapid and unequivocal identification of these events in biological samples.

No. of Pages : 143 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1527/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : INTEGRATED ANTENNA AND DISPLAY SHADE

(51) International classification	:H04B 7/185
(31) Priority Document No	:12/624,163
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057669
Filing Date	:22/11/2010
(87) International Publication No	:WO 2011/063351
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)BONWIT, HOLDEN

2)HARTENSTEIN, ABRAHAM

(57) Abstract :

In one embodiment, an integrated antenna and display shade for a wireless portable control unit is provided which includes a stowable display shade having two side panels and a front panel between the two side panels. Each of the two side panels are foldably connected to opposing edges of the front panel so as to be capable of folding into planes generally parallel with a plane of the front panel when stowed and into planes generally orthogonal to the plane of the front panel when deployed to shade a visual display. The front panel includes an active antenna and each of the side panels include a parasitic antenna.

No. of Pages : 25 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1544/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : QUINAZOLINE DERIVATIVES

(51) International classification	:C07D 209/44
(31) Priority Document No	:10 2009 054 302.3
(32) Priority Date	:23/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006537
Filing Date	:26/10/2010
(87) International Publication No	:WO 2011/060873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)EGGENWEILER, HANS-MICHAEL

2)SIRRENBERG, CHRISTIAN

3)BUCHSTALLER, HANS-PETER

(57) Abstract :

Novel quinazolineamide derivatives of the formula (I), in which R1 - R4 and X have the meanings indicated in claim 1, are HSP90 inhibitors and can be used for preparation of a medicament for the treatment of diseases in which the inhibition, regulation and/or modulation of HSP90 plays a role.

No. of Pages : 164 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1546/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HOLDER FOR AN ELECTROMAGNETIC SWITCHING DEVICE

(51) International classification	:H01H 50/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/051430
Filing Date	:05/02/2010
(87) International Publication No	:WO 2011/095219
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BIVALKAR, CHINTAMANI

2)RAMRAJKAR, NOAH

(57) Abstract :

The invention relates to a holder for holding a contact element in an electromagnetic switching device, the holder comprising a circumferentially closed frame (23) having a first end portion (29) and a second end portion (31), a compressible material (47) arranged inside the frame at the first end portion (29) of the frame (23), and wherein, the contact element (3) is removably received between the compressed material (47) and the second end portion (31), the second end portion (31) of the frame (23) being opposite to the first end portion (29).

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1548/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : THREE-CYLINDER ENGINE

(51) International classification	:B60K 5/12
(31) Priority Document No	:2009-268238
(32) Priority Date	:26/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071026
Filing Date	:25/11/2010
(87) International Publication No	:WO 2011/065426
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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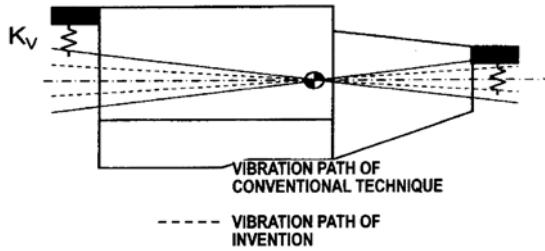
2)TAMAE KOBAYASHI

3)SHIGEATSU SAKA

4)HIROO AOKI

(57) Abstract :

A three cylinder engine includes a vibration alleviation unit for alleviating vibrations in a vehicle. The vibration alleviation unit is disposed at least one of upon the crankshaft and upon a part that operates in unison with the crankshaft. The three cylinder is supported by engine mounts that are positioned upon at least both ends of the engine in the direction of the crankshaft axis. Given that KV and KH represent spring constants of one of the engine mounts in the pitch and yaw directions of the crankshaft, MV and MH represent components of a primary couple that occurs in the three cylinder engine in the pitch and yaw directions, and MV0 represents the sum of MV and MH, then spring constants of the engine mounts are set such that KV > KH and the vibration alleviation unit is set so as to satisfy the condition $0 < MV/MV0 < 0.5$.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2012

(21) Application No.1524/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A MAGNETIC BRAKING DEVICE

(51) International classification	:F16D 65/14
(31) Priority Document No	:BO2009A 000764
(32) Priority Date	:24/11/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055338
Filing Date	:22/11/2010
(87) International Publication No	:WO 2011/064713
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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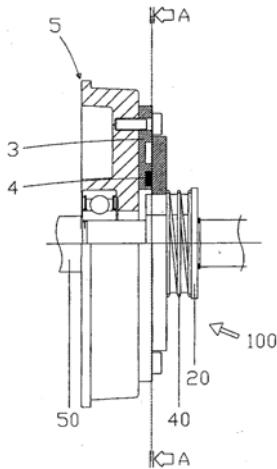
(72)Name of Inventor :

1)MURATORI, FEDERICA

2)UNGUREANU, ANA

(57) Abstract :

The magnetic braking device (100), of a type associated to a drive shaft (50) of a motor (5), comprises: a first metal disc (1) slidably mounted on the drive shaft (50) and provided with at least a series of first peripheral seatings (2a) arranged in a ring, destined to receive corresponding first permanent magnets (2) of predetermined polarity; a second metal disc (3) fixedly mounted with respect to the motor (5) and provided with at least a series of second peripheral seatings (4a), arranged in a ring geometrically similar to and facing the ring on which the first seatings (2a) are arranged, the second peripheral seatings (4a) being destined to receive corresponding second permanent magnets (4) having the same polarity as the first magnets (2); the braking condition of the shaft (50) being enabled by the magnetic attraction between the magnets (2, 4) and the discs (1, 3), the discs coming into contact while maintaining the magnets (2, 4) mutually offset, each of which magnets (2, 4) is opposite the respective portion of disc (3, 1) interposed between the successive peripheral seatings (4a, 2a).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1554/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VALVE DEVICE HAVING A VALVE CLOSING MEMBER GUIDED BY MEANS OF A CARDAN JOINT

(51) International classification	:B60T 15/02	(71) Name of Applicant :
(31) Priority Document No	:10 2009 060 184.8	1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
(32) Priority Date	:23/12/2009	Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/069836	1)VOLLMER, OTTO
Filing Date	:15/12/2010	2)MANN, DANIEL
(87) International Publication No	:WO 2011/076645	
(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 valve device (1) of a device of a vehicle, actuated by a pressure medium, having at least one valve closing member (18) that can be brought by a valve member (10) into an open or a closed position with respect to a valve seat (20) for releasing or closing a flow cross section for the pressure medium. According to the invention, the valve closing member (18) is connected to the valve member (10) by means of at least one Cardan joint (16), such that the valve closing member (18) can pivot spatially relative to the valve member (10).

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1555/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MULTI-CHANNEL PRESSURE CONTROL MODULE HAVING ONLY ONE PRESSURE SENSOR

(51) International classification	:B60T 8/32
(31) Priority Document No	:10 2009 059 811.1
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069746
Filing Date	:15/12/2010
(87) International Publication No	:WO 2011/085893
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH

Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN GERMANY

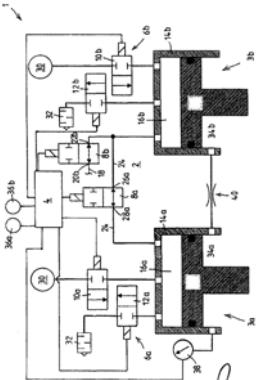
(72)Name of Inventor :

1)W-RNER, RALF

2)R-THER, FRIEDBERT

(57) Abstract :

The invention relates to an electropneumatic pressure control module (1) for a pressure-medium-actuated brake system of a vehicle having at least two channels (3a, 3b), which module is controlled electrically during undisturbed operation and is controlled pneumatically in the event of a fault in the electrics. According to the invention, only one pressure sensor (38) is provided in one of the channels (3a, 3b), wherein the actual operating pressure in the other channel (3b, 3a) is calculated on the basis of a family of characteristics.



No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1556/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ECONOMIZER WATER RECIRCULATION SYSTEM FOR BOILER EXIT GAS TEMPERATURE CONTROL IN SUPERCRITICAL PRESSURE BOILERS

(51) International classification	:F22B 37/00
(31) Priority Document No	:61/288,576
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/057185 :18/11/2010
(87) International Publication No	:WO 2011/084243
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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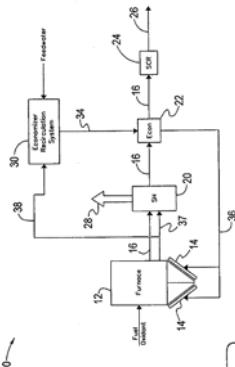
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- 2)HARGROVE, MICHAEL J.**
- 3)NAVITSKY, GARY J.**
- 4)WAILGUM, JASON J.**

(57) Abstract :

A fluid recirculation system [30] includes an arrangement of a flow control valve [50] located to receive a flow of fluid from an inlet. The system [30] further comprises an economizer inlet mixing device [54] located to receive the flow of hotter fluid from the arrangement of the flow control valve [50] and from a cooler feedwater stream. An economizer inlet mixing device [54] located upstream of an economizer [22] in a supercritical pressure boiler [10] includes a sparger assembly through which a flow of fluid from the waterwall [14] outlet is received, an inlet through which a flow of fluid from a feed stream is received, and a wave breaker assembly [84] through which an outlet stream from the economizer inlet mixing device [54] is directed. A method of increasing and controlling the temperature of a flue gas exiting an economizer [22] in a supercritical pressure boiler [10] includes receiving at least a flow of fluid from a fluid stream [37] from a furnace [12] waterwall [14] outlet, combining at least a portion of the received flow of fluid [37] with a feedwater stream, and directing the combined received flow of fluid and feedwater stream to an economizer [22] inlet to decrease the economizer [22] heat absorption.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1541/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OPERATING APPLICATION OF A TOUCH DEVICE WITH TOUCH-BASED INPUT INTERFACE

(51) International classification	:G06F 3/048
(31) Priority Document No	:61/284,865
(32) Priority Date	:24/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2010/009270 :23/12/2010
(87) International Publication No	:WO 2011/078599
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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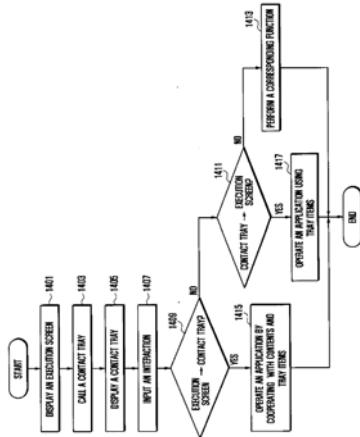
Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA

(72)Name of Inventor :

- 1)BONG WON LEE
- 2)II HAENG CHO
- 3)DONG SEOK RYU
- 4)SUNG HO PARK
- 5)SANG KI LEE
- 6)KYU SUNG KIM
- 7)MIN SEUNG SONG
- 8)JOO YEON PARK

(57) Abstract :

A method and system is disclosed that allows a user to easily and intuitively operate applications that require contact information, in a touch device, via a tray item associated with the contact information. The method for operating applications includes: displaying a contact tray comprised of a number of tray items based on contact information, on an execution screen; receiving an interaction to use a tray item in the contact tray; configuring an execution screen for an application based on contact information of the tray item; and operating the application based on the configured execution screen.



No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1542/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HOT ROLLING TRAIN FOR ROLLING HOT-ROLLED STRIP, METHOD FOR OPERATING A HOT ROLLING TRAIN FOR ROLLING HOT-ROLLED STRIP, AND CONTROL DEVICE

(51) International classification	:B21B 39/08
(31) Priority Document No	:10152741.4
(32) Priority Date	:05/02/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070916
Filing Date	:30/12/2010
(87) International Publication No	:WO 2011/095265
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

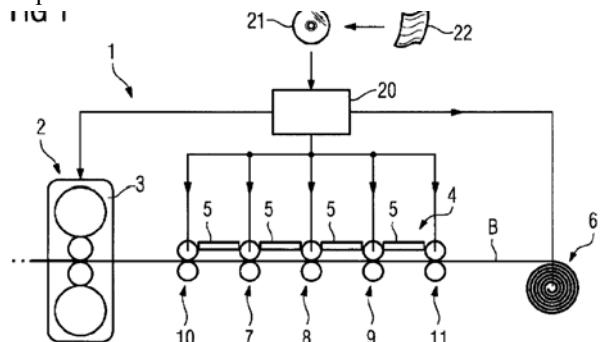
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
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(72)Name of Inventor :

1)HANS-JOACHIM FELKL

(57) Abstract :

The invention relates to a method for operating a hot rolling train (1) for rolling hot-rolled strip, to a control device for carrying out the method, and to a hot rolling mill (1) for rolling hot-rolled strip (B), comprising a cooling section (4) for cooling the hot-rolled strip (B). By installing at least one strip driving device (7, 8, 9), by means of which a tensile stress of the hot-rolled strip (B) can be adjusted, in the mass flow direction after the start of the cooling section (4) and in the mass flow direction before the end of the cooling section (4), a hot rolling mill can be provided by means of which the quality of the hot-rolled strip that is produced can be improved.



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1543/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DISK BRAKE

(51) International classification	:F16D 65/14
(31) Priority Document No	:102009059817.0
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069744
Filing Date	:15/12/2010
(87) International Publication No	:WO 2011/085892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)DEROUAULT, SYLVAIN
2)HERICHER, STÉPHANE**

(57) Abstract :

The invention relates to a pneumatically actuatable disc brake comprising a brake caliper (2) extending over a brake disc, wherein a brake cylinder (1), to which compressed air can be applied, and at least one further functional part (4, 5) are fastened on a flange (3) of the brake caliper (2), wherein the brake cylinder (1) is provided with at least one indentation (9, 10) at least in the overlapping region with the at least one functional part (4, 5).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1558/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SURGE ARRESTER

(51) International classification	:H01C 7/12
(31) Priority Document No	:2010-003278
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/000053
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/083772
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FUKANO, TAKATO

2)MIZUTANI, MANABU

3)SHIMIZU, YOSHIHIKO

4)ANDO, HIDEYASU

(57) Abstract :

A surge arrester has: a surge arrester internal element made by stacking a plurality of nonlinear resistors; a cylinder-shaped insulating container housing the surge arrester internal element and housing insulating gas thereinside; a high-voltage side conductor provided in an end portion of the insulating container in a manner to form an exposed surface exposed to the inside of the insulating container, and electrically connected to the surge arrester internal element; and an insulating resin layer covering at least a boundary portion between the exposed surface of the high-voltage side conductor and an inside surface of the insulating container.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1560/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VACUUM INTERRUPTER

(51) International classification	:H01H 33/66
(31) Priority Document No	:102010005466.6
(32) Priority Date	:20/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/050149
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/089034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BARON LYDIA

2)HARTMANN WERNER

3)RENZ ROMAN, (DECEASED), ASTRID RENZ

4)SCHÜMANN ULF

(57) Abstract :

In order to design a vacuum switch tube (1) having a housing which has two insulating housing regions (9, 10) arranged and designed symmetrically in respect of a center plane (S), wherein each of the two insulating housings (9, 10) comprise a plurality of insulating housing parts (11, 12, 13, 14, 15, 16) and wherein shielding elements (18, 19, 20, 21, 22, 23, 24, 25) extending into the interior of the vacuum switch tube are arranged between neighboring insulating housing parts and between insulating housing parts and neighboring additional housing parts (6, 8, 17), said shielding elements having improved dielectric properties and a simultaneously material-saving structure. According to the invention, the geometrical dimensions of the shielding elements (18, 19, 20, 21, 22, 23, 24, 25) are determined in dependence on a connected voltage and a possible critical field strength between neighboring shields.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1550/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : APPARATUS FOR ELECTROTHERAPEUTIC TREATMENT

(51) International classification

:A61N 1/36

(31) Priority Document No

:10 2009 056 095.5

(32) Priority Date

:30/11/2009

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2010/001385

Filing Date

:24/11/2010

(87) International Publication No

:WO 2011/063797

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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CLEMENCY, LUXEMBOURG

2)SCHERER, RALF

(72)Name of Inventor :

1)SCH-NDORF, ERHARD

(57) Abstract :

The invention relates to an apparatus for electrotherapeutic treatment of the human body, which has electrodes that can be laid against the body and a device for producing a therapy current that flows through the body, by way of the electrodes, whereby the device for generating the therapy current comprises two oscillators having frequencies f1 and f2 that lie close to one another and are suitable for forming a beat, an oscillator having a frequency f3 that is less than the beat frequency $f_{s1} = f1 - f2$, and a mixer device for superimposition of the oscillator signals. According to the invention, the device for producing the therapy current comprises at least two additional oscillators with frequencies f4 and f5, and the mixer device is provided with frequencies f1 to f5 for superimposition of all oscillators.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1565/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SOLAR CELL ARRAY AND THIN-FILM SOLAR MODULE AND PRODUCTION METHOD THEREFOR

(51) International classification	:H01L 31/0336
(31) Priority Document No	:10152086.4
(32) Priority Date	:29/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/051133
Filing Date	:27/01/2011
(87) International Publication No	:WO 2011/092239
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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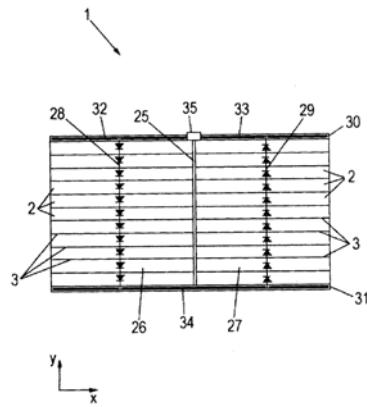
(72)Name of Inventor :

1)JAN BORIS PHILIPP

2)THOMAS HAPP

(57) Abstract :

The invention relates to a solar cell array, which can be designed, in particular, in the form of a thin-film solar module, comprising: a substrate, onto which a layer structure having a plurality of layers is applied, wherein the layer structure has a first electrode layer, a second electrode layer, and a semiconductor layer disposed between the two electrode layers, by means of which a pn-junction is formed, wherein the layer structure is divided into a plurality of different regions that are electrically separated from each other by one or a plurality of region trenches, wherein a solar cell string that consists of one or a plurality of series-connected, rectified solar cells is formed in each region; a first connecting contact and a second connecting contact that are electrically connected to each other by the solar cells strings; wherein the solar cell strings are series connected by one or a plurality of intermediate contacts; at least one connection housing to which the two connecting contacts are connected. A production method therefor comprises a structuring of the layer structure by means of three structuring lines, wherein one structuring line has a linear progression over at least two regions electrically separated from each other, while the two remaining structuring lines are offset from this structuring line such that a sequence of the structuring lines is reversed.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1566/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SOLAR MODULE ARRAYS AND DIODE CABLE

(51) International classification	:H01L 31/048
(31) Priority Document No	:10152088.0
(32) Priority Date	:29/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/051129
Filing Date	:27/01/2011
(87) International Publication No	:WO 2011/092237
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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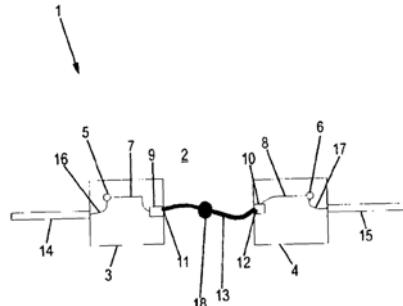
Address of Applicant :18 AVENUE D'ALSACE F-92400 COURBEVOIE FRANCE

(72)Name of Inventor :

1)JAN BORIS PHILIPP

(57) Abstract :

The invention relates to a solar module array with a solar module for photovoltaic energy generation, a connection housing connected to the solar module for connecting the solar module to an electric load, and a freewheeling diode connected antiparallel to the solar module, wherein the freewheeling diode is contained in a diode cable connected to the connection housing and the solar module. It further relates to a solar module array with a solar module for photovoltaic energy generation, a first connection housing connected to the solar module for connecting the solar module to an electric load, a second connection housing connected to the solar module for connecting the solar module to an electric load, and a freewheeling diode connected antiparallel to the solar module, wherein the freewheeling diode is contained in one of two diode cables electrically connecting the two connection housings to each other. The invention further extends to such a diode cable.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1557/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING QUALITY BASED ON IP BEARER IN A MOBILE NETWORK

(51) International classification	:H04W 24/00
(31) Priority Document No	:200910217518.X
(32) Priority Date	:31/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072603
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/148797
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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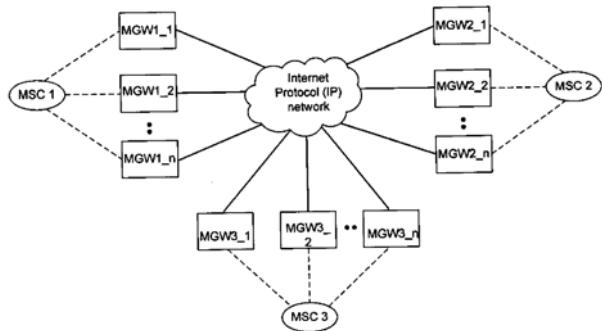
1)WANG, ZHEN

2)MA, QIANLI

3)YUAN, LEIFENG

(57) Abstract :

The disclosure discloses a method for monitoring quality based on an Internet Protocol (IP) bearer in a mobile network. The method includes: setting an IP bearer monitoring center; setting logical data configurations of virtual gateways in Media Gateways (MGWs) of a mobile network, and connecting the virtual gateways in all the MGWs to the IP bearer monitoring center. The method further includes that: the IP bearer monitoring center sends a test call request to the virtual gateways in MGWs to be monitored, wherein the test call request includes information of the MGWs to be monitored; the virtual gateways allocate test terminals according to the test call request; the IP bearer monitoring center initiates a call flow between the test terminals; the virtual gateway obtains a Quality of Service (QoS) parameter of the bearer during the call flow between the test terminals; and the virtual gateway sends the QoS parameter to the IP bearer monitoring center through an audit process. The disclosure further discloses a system for monitoring quality based on an IP bearer in a mobile network. The technical solution of the disclosure is simple to implement and is practical.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1568/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : TOOL COUPLING

(51) International classification	:B23B 27/00
(31) Priority Document No	:204008
(32) Priority Date	:17/02/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/000106
Filing Date	:31/01/2011
(87) International Publication No	:WO 2011/101839
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HECHT, GIL

(57) Abstract :

In a tool coupling (20) in the form of a cutting tool used for internal machining operations, a second component (24) having a single cutting portion is clamped to a first component (22) by means of a clamping screw (26). The second component (24) has a mounted surface with three male engaging members (36) interfacing with three female engagement members (32) on a mounting surface of the first component (22). Each of the three female engagement members (32) has two sets of side surfaces located on a shared portion, the shared portion exhibiting mirror symmetry about a first plane, and each set of side surfaces having two opposing flank surfaces separated by the first plane. Only one of the two flank surfaces of each of the two sets of side surfaces is in clamping contact with a corresponding abutment surface on each of the three male engaging members.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1569/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR LIQUIDATION OF TUMORS

(51) International classification	:A61K 38/19
(31) Priority Document No	:61/286,551
(32) Priority Date	:15/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060431
Filing Date	:15/12/2010
(87) International Publication No	:WO 2011/084451
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HAR-NOY, MICHAEL

(57) Abstract :

This invention relates to compositions and methods for immunotherapy of cancer. Specifically, a method of cancer immunotherapy is described which results in the systemic liquidation of both solid and metastatic tumors wherever they reside in the body. The compositions include activated allogeneic Th1 cells that when administered appropriately lead to liquidation of tumors. The method includes administering priming doses of the therapeutic composition, ablation of a selected tumor lesion along with intratumoral injection of the composition and then infusion of the therapeutic composition. These steps enable the systemic liquidation of tumors secondary to immune cell infiltration and leads to immune-mediated tumor eradication.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1570/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTROCHLORINATION METHOD FOR ABOVE-GROUND SWIMMING POOLS

(51) International classification	:C02F 1/467
(31) Priority Document No	:61/310,448
(32) Priority Date	:04/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/053235
Filing Date	:03/03/2011
(87) International Publication No	:WO 2011/107561
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)HARDEE, KENNETH L.

3)LAU, STEPHANIE ANN

(57) Abstract :

The invention relates to the addition of mixtures of non-halide salts to the water of above- ground swimming pools to allow sterilisation by in-situ electrochlorination with a modest sodium chloride content. A limitation of sodium chloride concentration in above-ground pools is necessary to prevent corrosion of the relevant steel supporting structure. The salt mixture additive contains sodium bisulphate and other salts of low toxicity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1567/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTROL METHOD FOR THE CASTING LEVEL OF A CONTINUOUS CASTING MOLD

(51) International classification	:B22D 11/16
(31) Priority Document No	:EP10150817.4
(32) Priority Date	:15/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070769
Filing Date	:28/12/2010
(87) International Publication No	:WO 2011/085938
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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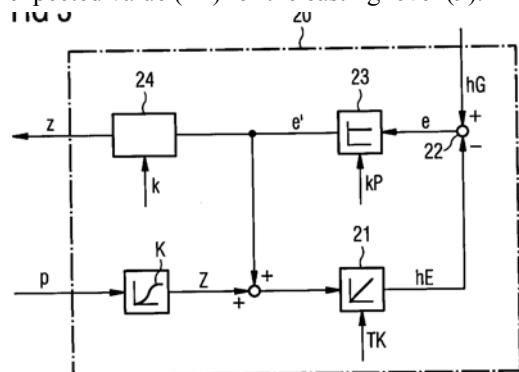
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(72)Name of Inventor :

1)BERNHARD WEISSHAAR

(57) Abstract :

The invention relates to adjusting the inflow of liquid metal (3) into a continuous casting mold (1) by means of a closing device (4). The partially solidified metal strand (7) is drawn out of the continuous casting mold (1) by means of a draw device (8). A measured actual value (hG) of the casting level (9) is fed into a casting level controller (18), said controller deriving a target setting (p) for the closing device (4) on the basis of the actual value (hG) and a corresponding target value (hG). The measured actual value (hG) and a target setting (p) of the closing device (4) are fed into an interference compensator (20). Within the interference compensator (20), an expected value (hE) for the casting level (9) is determined and is subtracted from the measured actual value (hG) of the casting level (9). The difference (e) is fed to a differential controller (23) within the interference compensator (20), said controller deriving a controller output signal (e) therefrom. The controller output signal (e) is multiplied by a superposition factor (k). The controller output signal (e) multiplied by the superposition factor (k) is superimposed on the target setting (p) as an interference compensation value (z). An inflow signal (Z) derived from the actual setting (p) is further superimposed on the controller output signal (e). The superposition result is fed into an integrator (21) within the interference compensator (20), the output signal (hE) thereof corresponding to the expected value (hE) for the casting level (9).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2012

(21) Application No.1574/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYVINYL PYRROLIDONE FOR THE STABILIZATION OF A SOLID DISPERSION OF THE NON-CRYSTALLINE FORM OF ROTIGOTINE

(51) International classification	:A61K 9/70
(31) Priority Document No	:61/289,302
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/070563
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/076879
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)WOLFF, HANS-MICHAEL

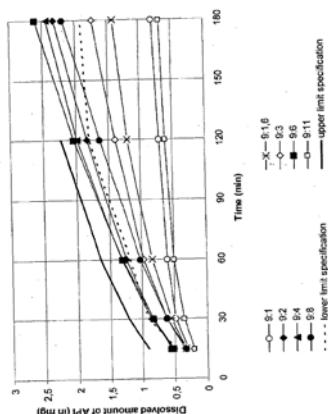
2)ARTH, CHRISTOPH

3)QUERE, LUC

4)MÜLLER, WALTER

(57) Abstract :

The present invention relates to a method for stabilizing rotigotine, the method comprising providing a solid dispersion comprising polyvinylpyrrolidone and a non-crystalline form of rotigotine, wherein the weight ratio of rotigotine to polyvinylpyrrolidone is in a range from about 9:3.5 to about 9:6. The present invention also relates to a solid dispersion comprising a dispersing agent and a dispersed phase, said dispersed phase comprising rotigotine and polyvinylpyrrolidone, wherein the weight ratio of rotigotine to polyvinylpyrrolidone is in a range from about 9:3.5 to about 9:6, a pharmaceutical composition comprising such a solid dispersion, in particular a transdermal therapeutic system, as well as a method for the preparation thereof.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2012

(21) Application No.1575/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHODS OF FORMING ENHANCED-SURFACE WALLS FOR USE IN APPARATAE

(51) International classification	:F28F 3/08
(31) Priority Document No	:61/295,653
(32) Priority Date	:15/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002363
Filing Date	:27/08/2010
(87) International Publication No	:WO 2011/087474
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)RIGIDIZED METALS CORPORATION

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(72)**Name of Inventor :**

1)SMITH, III, RICHARD, S.

2)FULLER, KEVIN

3)KUKULKA, DAVID, J.

(57) Abstract :

A method of forming enhanced-surface walls for performing a process is disclosed. The method broadly comprises the steps of: providing a length of material having opposite initial surfaces, said material having a longitudinal centerline positioned substantially midway between the surfaces, each of said initial surfaces having a initial surface density; impressing secondary patterns having surface densities onto each of said initial surfaces to distort said material; and impressing primary patterns having surface densities onto each of such distorted surfaces to further distort said material and to further increase the surface densities on each of said surfaces.

No. of Pages : 56 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2012

(21) Application No.1576/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SHOCK ABSORBER

(51) International classification	:F16F 9/50	(71) Name of Applicant :
(31) Priority Document No	:2009-296109	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(32) Priority Date	:25/12/2009	Address of Applicant :2500 SHINGAI, IWATA-SHI, SHIZUOKA 438-8501, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/073311	1)IWASE IKKOU
Filing Date	:24/12/2010	2)FUKUDA HIROMI
(87) International Publication No	:WO 2011/078317	3)TSUJIYAMA HIROKAZU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A shock absorber 10 includes a hydraulic cylinder 12; a reservoir tank 14; and a damping force adjusting device 16. The damping force adjusting device 16 includes a valve body 100; a oil chamber 112; a solenoid coil 120; a plunger 128 and an oil path constitution member 130 . The oil path constitution member 130 has an oil path 132 and an oil path 134 for hydraulic fluid which flows out of the hydraulic cylinder 12. The plunger 128 moves in an axial direction based on a magnetic field generated by the solenoid coil 120. The valve body 100 moves closer to or away from the oil path 132 inside the oil path 134 in association with the plunger 128. The oil chamber 112 and the oil path 134 communicate with each other via a communication path 100e of the valve body 100.

No. of Pages : 70 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1571/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BINDER COMPOSITIONS FOR MAKING FIBERGLASS PRODUCTS

(51) International classification	:C08J 5/08
(31) Priority Document No	:61/265,956
(32) Priority Date	:02/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058754
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/068984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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ATLANTA, GA 30303 UNITED STATES OF AMERICA

(72)Name of Inventor :

- 1)SHOEMAKE, KELLY, A.**
- 2)GAPUD, BENJAMIN, D.**
- 3)SRINIVASAN, RAMJI**
- 4)NARAYAN, ARUN**
- 5)IMAN, AHMED, A.**

(57) Abstract :

Fiberglass mats, binder compositions, and methods for making the same are provided. In at least one specific embodiment, the fiberglass mat can include a plurality of glass fibers and a binder composition that includes a copolymer and one or more amines. The copolymer can include one or more unsaturated carboxylic acids, one or more unsaturated carboxylic anhydrides, or a combination thereof, and one or more vinyl aromatic derived units. The binder composition can have a weight average molecular weight (Mw) of about 500 to about 180,000. The fiberglass mat can have a thickness ranging from about 10 mils to about 1,000 mils, an average dry tensile strength of at least 50 lbs/3 inch; and an average Elmendorf tear strength of at least 300 gf.

No. of Pages : 52 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1582/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CONTINUOUS PACKAGE BODY OF ABSORBENT ARTICLES

(51) International classification	:B65D 75/42
(31) Priority Document No	:2010-003429
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050200
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/083854
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)SUZUKI, NAHOMI

2)TAMURA, TATSUYA

3)NODA, YUKI

(57) Abstract :

A continuous package body 1 of absorbent article according to the present invention has a plurality of package bodies 2 aligned continuously in which sanitary napkins 10 are individually packaged with an exterior sheet 3 and are separable per a package body 2 along a tear-off line 4 formed on the package bodies 2. At least part of the sanitary napkin 10 is fixed to an inner face of the exterior sheet 3.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1583/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PANEL FOR AIR CONDITIONING INDOOR UNIT

(51) International classification	:F24F 13/20
(31) Priority Document No	:2010-011181
(32) Priority Date	:21/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050815
Filing Date	:19/01/2011
(87) International Publication No	:WO 2011/090047
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DAIKIN INDUSTRIES, LTD,

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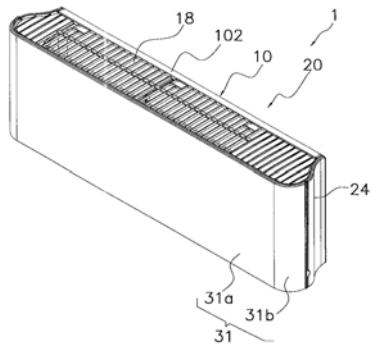
(72)Name of Inventor :

1)TAKEO HAMA

2)TETSUJI INOUE

(57) Abstract :

To provide a panel for an air conditioning indoor unit in which safety and design considerations are combined without having to administer a special end surface treatment to a member configuring the panel. In a movable panel (31) for an air conditioning indoor unit (1), grooves (312a) into which end surfaces of a first panel member (311) fit are formed in end portions of a second panel member (312). The end surfaces of the first panel member (311) are covered and hidden by the grooves (312a), so they are not noticeable to the eye and are not touchable by hand. As a result, in the process of producing the movable panel (31), an assembler can convey the pressed first panel member (311) to the assembly process without having to perform an end surface treatment such as chamfering or hemming, so this is economical.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1586/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : COATED CUTTING TOOL

(51) International classification	:C23C 14/06
(31) Priority Document No	:203242
(32) Priority Date	:11/01/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/001054
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/083457
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :P.O. BOX 11, 24959 TEFEN, ISRAEL

(72)Name of Inventor :

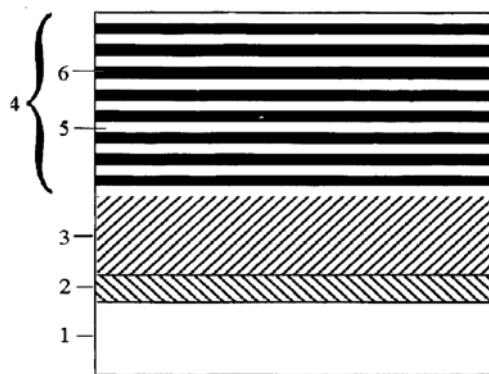
1)ELKOUBY, MARCEL

2)GREENWALD, RAM

3)ETZIONY, OREN

(57) Abstract :

A coated cutting tool has a substrate and a coating. The coating includes at least one multi-nano-layer having a nano-composite nano-layer formed of crystalline $(\text{Ti}_x\text{Al}_y\text{Cr}_z)\text{N}$ and amorphous Si_3N_4 , wherein $0.25 \leq x \leq 0.75$, $0.25 \leq y < 0.75$, $0.05 \leq z \leq 0.2$, $0.85 \leq x+y+z \leq 0.97$. The atomic ratio of silicon is $1-x-y-z$ and $1-x-z < 0.75$ and the thickness of the nano-composite nano-layer is from 1 nm to 100 nm.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1598/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BIT REPLACING DEVICE FOR EXCAVATING MACHINE

(51) International classification	:E21D 9/087
(31) Priority Document No	:2010-017520
(32) Priority Date	:29/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/072604
Filing Date	:16/12/2010
(87) International Publication No	:WO 2011/092964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HITACHI ZOSEN CORPORATION

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(72)Name of Inventor :

1)YASUHARU HANAOKA,

(57) Abstract :

A valve containing portion (35) is formed behind a bit containing portion (34) which opens at the front surface of a main cutter spoke (21). A rotary valve (39) is rotatably disposed in the valve containing portion (35). A bit case (41) containing a roller bit (31) is moved so as to protrude from an attachment/detachment path (39) formed in a rotary valve (38) into the bit containing portion (34), and is fixed by a cotter (38) to support an excavating reactive force. Thus, the sliding gap of the rotary valve (39) is disposed in the bit containing portion (34) and the valve containing portion (35) to be covered with the bit case (41).

No. of Pages : 41 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1580/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : AMINO ALCOHOL DERIVATIVES AND THEIR THERAPEUTIC ACTIVITIES

(51) International classification

:C07D 233/64

(31) Priority Document No

:MI2009A002317

(32) Priority Date

:29/12/2009

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2010/070238

Filing Date

:20/12/2010

(87) International Publication No

:WO 2011/080139

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FLAMMA S.P.A.

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2)UNIVERSITA' DEGLI STUDI DI MILANO

(72)Name of Inventor :

1)NEGRISOLI, GIANPAOLO

2)CAНЕVOTTI, RENATO

3)PREVITALI, MASSIMO

4)ALDINI, GIANCARLO

5)CARINI, MARINA

6)ORIOLI, MARICA

7)VISTOLI, GIULIO

(57) Abstract :

The present invention relates to amino alcohol derivatives of general formula (I). These derivatives possess an interesting activity in that they block the secondary products of lipid oxidative stress, and are consequently suitable for therapeutic use in all disorders related with the presence of reactive carbonyl compounds.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1581/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : MOBILE STATION APPARATUS, BASE STATION APPARATUS, MIMO SYSTEM AND DATA TRANSMISSION METHOD

(51) International classification	:H04J 99/00	(71) Name of Applicant :
(31) Priority Document No	:2009-272443	1)NTT DOCOMO, INC.
(32) Priority Date	:30/11/2009	Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 1006150 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/071176	1)TAOKA, HIDEKAZU
Filing Date	:26/11/2010	2)KUSUME, KATSUTOSHI
(87) International Publication No	:WO 2011/065508	3)KHASHABA, KARIM IBRAHIM
(61) Patent of Addition to Application Number	:NA	4)GEITL, GUIDO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To increase a data rate irrespective of whether the spatial correlation between channels is high or low, while ensuring compatibility with the LTE-scheme MIMO system, in a MIMO system in which a base station apparatus (eNodeB) switches between SU-MIMO transmission and ZF MU-MIMO transmission based on feedback information from a mobile station apparatus (UE) to perform data transmission, the mobile station apparatus (UE) selects a PMI and an RI corresponding to an Hermitian transpose of a channel matrix indicative of channel characteristics, calculates a CQI from the PMI, and transmits the PMI, RI and CQI as feedback, and the base station apparatus (eNode B) calculates a first data rate of the case of performing SU-MIMO transmission and a second data rate of the case of performing ZF MU-MIMO transmission based on the PMI that is fed back, and selects a transmission scheme corresponding to a higher data rate between the first and second data rates.

No. of Pages : 64 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1595/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : GAS INSULATED BUS

(51) International classification	:H02B 13/02
(31) Priority Document No	:2010-005010
(32) Priority Date	:13/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/000127
Filing Date	:13/01/2011
(87) International Publication No	:WO 2011/086918
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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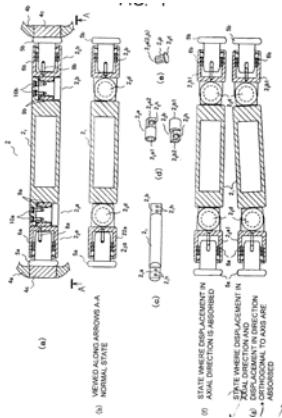
2)HIROSHI KANETA

3)HIDEAKI SHIRAI

4)KANEHARU FUJIWARA

(57) Abstract :

There is provided a gas-insulated bus capable of absorbing large displacements not only in an axial direction but also in a direction orthogonal to the axis, without a complicated structure. In a gas-insulated bus configured to provide a conductor 2 in an inside of a hermetically-sealed container 1 in which an insulating gas 7 is sealed, and to electrically connect end portions of the conductor 2 to contacts 5a, 5b supported by cone-shaped insulating spacers 4a, 4b, connecting members 23a, 23b capable of absorbing a displacement in a direction orthogonal to an axial direction of the conductor 2, and slide contact conductive parts 6a, 6b capable of absorbing a displacement in the axial direction of the conductor, are respectively provided to both end portions of the conductor 2.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1596/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : CERAMIC MULTILAYER CAPACITOR

(51) International classification	:H01G 4/38
(31) Priority Document No	:10 2010 005 793.2
(32) Priority Date	:25/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/050989
Filing Date	:25/01/2011
(87) International Publication No	:WO 2011/089269
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

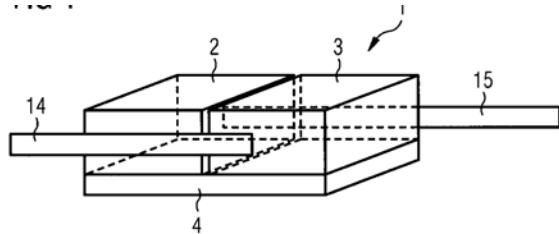
1)GÜNTER ENGEL

2)CHRISTIAN HOFFMANN

3)ANDREA TESTINO

(57) Abstract :

The invention relates to a ceramic multilayer capacitor (1), comprising a first capacitor unit (2, 201, 202), which comprises a first material, and a second capacitor unit (3, 301, 302), which comprises a second material. The first (2, 201, 202) and the second capacitor unit (3, 301, 302) are electrically connected in parallel. At low applied voltages, the first material has a high dielectric value (K), and at high applied voltages, the second material has a high dielectric value (K).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2012

(21) Application No.1608/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : HETERODIMER BINDING PROTEINS AND USES THEREOF

(51) International classification	:C07K 16/46
(31) Priority Document No	:61/290,840
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062436
Filing Date	:29/12/2010
(87) International Publication No	:WO 2011/090762
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EMERGENT PRODUCT DEVELOPMENT SEATTLE, LLC

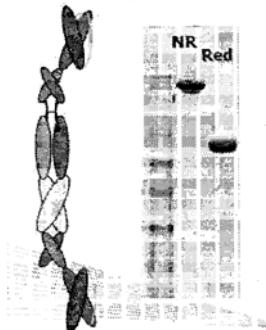
Address of Applicant :SUITE 1050, 2401 FOURTH AVENUE, SEATTLE, WASHINGTON 98121 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)BLANKENSHIP, JOHN, W.
2)TAN, PHILIP**

(57) Abstract :

The present disclosure provides polypeptide heterodimers formed between two different single chain fusion polypeptides via natural heterodimerization of an immunoglobulin CH1 region and an immunoglobulin light chain constant region (CL). The polypeptide heterodimer comprises two or more binding domains that specifically bind one or more targets (e.g., a receptor). In addition, both chains of the heterodimer further comprise an Fc region portion. The present disclosure also provides nucleic acids, vectors, host cells and methods for making polypeptide heterodimers as well as methods for using such polypeptide heterodimers, such as in directing T cell activation, inhibiting solid malignancy growth, and treating autoimmune or inflammatory conditions.



No. of Pages : 140 No. of Claims : 101

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1561/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PESTICIDAL MIXTURES OF TRIAZAMATE WITH STROBILURINES

(51) International classification	:A01N 37/50
(31) Priority Document No	:09177695.5
(32) Priority Date	:02/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068407
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/067205
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GEWEHR, MARKUS

2)HADEN, EGON

3)BRAHM, LUTZ

(57) Abstract :

The present invention relates to synergistic mixtures comprising, as active components, 1) triazamate as insecticidal compound I; and 2) one fungicidal compound II selected from the group of strobilurines in synergistic effective amounts.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2012

(21) Application No.1564/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RETRACTABLE SYRINGE WITH IMPROVED DELIVERY EFFICIENCY AND LOCKING SYSTEM

(51) International classification	:A61M 5/50
(31) Priority Document No	:61/289,259
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/001677
Filing Date	:10/12/2010
(87) International Publication No	:WO 2011/075760
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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3)DUNN, CHRISTOPHER

4)HUESO, ERNESTO

5)WALLIS, HUW

6)CHAD, SCOTT

7)THORLEY, CRAIG STEPHEN

(57) Abstract :

A plunger, a needle assembly and a retractable syringe comprising same are provided. The plunger comprises a plunger member and a plunger outer having a lock spring that prevents or impedes movement of the plunger member after needle retraction. The plunger further comprises another locking member for engaging the barrel to prevent or impede further movement of the plunger outer after delivery of fluid contents. The plunger member has a plunger seal which engages a retractable needle of the needle assembly for retraction. The retractable needle comprises a cannula and needle body with a plurality of fluid channels that co-operate with a fluid conduit of the plunger seal to efficiently direct fluid to the cannula. A needle retainer comprises a plurality of barbed arms releasably coupled to the needle body, whereby an ejector with tabs facilitates release of the retractable needle from the needle retainer to allow compressed spring-driven retraction.

No. of Pages : 30 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1631/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : VERTICAL AGITATOR FOR WASTEWATER RECEIVED IN A SEDIMENTATION TANK

(51) International classification	:B01F 7/20
(31) Priority Document No	:10 2010 000 730.7
(32) Priority Date	:07/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/070804
Filing Date	:28/12/2010
(87) International Publication No	:WO 2011/083063
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INVENT UMWELT- UND VERFAHRENSTECHNIK AG
Address of Applicant :AM PESTALOZZIRING 21, 91058
ERLANGEN, GERMANY

(72)**Name of Inventor :**

1)H-FKEN, MARCUS

(57) Abstract :

The invention relates to a vertical agitator for wastewater and the like received in a sedimentation tank, wherein an agitator tool (5) is mounted on a drive shaft (4) extending vertically from a drive (1) mounted above a tank floor (2), wherein a free end (E2) of a shaft section (7) extending from the agitator tool (5) in the direction of the tank floor (2) is held in a safety bearing (14), wherein the safety bearing (14) is held in a retaining device (8) supported on the tank floor (2), wherein the retaining device (8) comprises a receiving section (9) for a receiving device (12) receiving the safety bearing (14). In order to simplify installation, the invention proposes that the receiving section (9) comprises a recess (11) opening in a substantially horizontal direction for laterally inserting the shaft section (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1632/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ARYLSULFONAMIDE PYRIDINE-PYRIDINONE DERIVATIVES, PREPARATION OF SAME, AND THERAPEUTIC USE THEREOF

(51) International classification	:C07D 471/04	(71) Name of Applicant :
(31) Priority Document No	:1050081	1)SANOFI
(32) Priority Date	:07/01/2010	Address of Applicant :54 RUE LA BOÉTIE, F-75008 PARIS FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2011/050018	1)BELLEVERGUE, PATRICE
Filing Date	:06/01/2011	2)GRAILHE, PATRICK
(87) International Publication No	:WO 2011/083275	3)MCCORT, GARY
(61) Patent of Addition to Application Number	:NA	4)O'CONNOR, STEPHEN
Filing Date	:NA	5)DUCLOS, OLIVIER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to pyridine-pyridinone derivatives general formula (I): in which R1, R2, R3, R4, n, n, V, W, Y, Z, Ar are as defined in the description, and to their methods of preparation and their therapeutic applications.

No. of Pages : 70 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1633/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RESTORATION SWITCHING ANALYSIS WITH MODIFIED GENETIC ALGORITHM

(51) International classification	:G06N 3/12
(31) Priority Document No	:61/266,642
(32) Priority Date	:04/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058759
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/068989
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ABB RESEARCH LTD.

Address of Applicant :AFFOLTERNSTRASSE 44 CH-8050
ZURICH SWITZERLAND

(72)**Name of Inventor :**

1)WANG, ZHENYUAN

2)DONDE, VAIBHAV

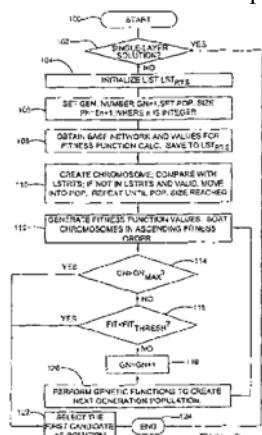
3)STOUPIS, JAMES

4)LI, WENPING

5)PETERSON, WILLIAM

(57) Abstract :

The method of determining back-feed paths is capable of efficiently solving multi-layer restoration problems by minimizing a fitness function using an iterative genetic algorithm. The method optimizes back-feeding of out-of-service areas by minimizing power loss, switching, unserved loads and voltage/current violations. The efficiency of the algorithm is further increased through the use of a reactive Tabu search to prevent duplicate candidate systems.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1637/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : BENT AXIS TYPE HYDRAULIC ROTATING MACHINE

(51) International classification	:F04B 1/24
(31) Priority Document No	:2010-142347
(32) Priority Date	:23/06/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/063586
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/162128
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

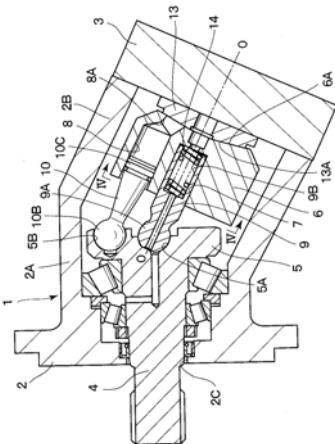
1)HITACHI CONSTRUCTION MACHINERY CO., LTD.
Address of Applicant :5-1, KORAKU 2-CHOME, BUNKYO-KU, TOKYO 112-0004 JAPAN.

(72)Name of Inventor :

**1)KAZUHIRO NUMAGUCHI
2)TAKASHI NIIDOME
3)TAKAHIRO TSUBO
4)NAOYUKI OKUNO**

(57) Abstract :

A surface treatment layer (15) is formed to cover a surface side of a cylinder block (6) including a center hole (7) and a plurality of cylinder holes (8) wholly. The surface treatment layer (15) is constituted by a nitriding layer (17) formed by executing nitride-based heat treatment to a base material (16) of the cylinder block (6) formed using an iron-based material such as cast iron or cast steel and a chemical conversion film (18) of manganese phosphate. The chemical conversion film (18) forms a chemical conversion film of manganese phosphate on a surface side of the nitriding layer (17). The chemical conversion film (18) is excellent in initial fitting properties to a sliding material such as a tapered piston (10). Therefore, wear in a contact section between each of cylinder holes (8) of the cylinder block (6) and the tapered piston (10) can be suppressed.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1638/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ROTARY, INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B 53/00
(31) Priority Document No	:12/637,595
(32) Priority Date	:14/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060289
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/081932
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HERBRUCK, STEVE

Address of Applicant :309 S. CARRILLO ROAD, OJAI, CALIFORNIA 93023, U.S.A.

(72)Name of Inventor :

1)HERBRUCK, STEVE

(57) Abstract :

A rotary engine has a rotor 310 that has rockers 370 pivoting in chambers 360. As each rocker pivots, it rotates an outer crankshaft 436. Each outer crankshaft has a spur gear 450 that engages a stationary ring gear 620. Spur gear rotation causes the gears and the outer crankshafts to revolve around the ring gear. This cause the rotor to rotate. As the rotor rotates, successive chambers are positioned at the intake, compression, ignition, and exhaust positions. Igniting the fuel in the ignition position pushes the rocker inward to rotate the outer crankshaft associated with that rocker to cause the rotor to rotate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1639/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD FOR BIOMASS GASIFICATION IN A FLUIDIZED BED

(51) International classification	:C10J 3/56
(31) Priority Document No	:10 2010 006 192.1
(32) Priority Date	:29/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/008002
Filing Date	:31/12/2010
(87) International Publication No	:WO 2011/091841
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THYSSENKRUPP UHDE GMBH

Address of Applicant :FRIEDRICH-UHDE-STRÆ 15 44141 DORTMUND GERMANY

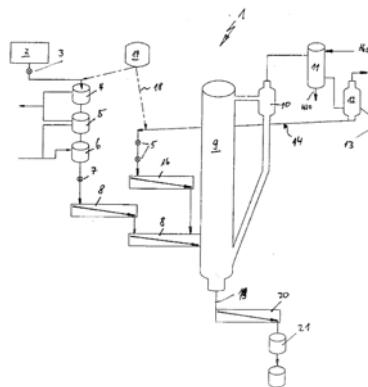
(72)Name of Inventor :

1)PAVONE, DOMENICO

2)ABRAHAM, RALF

(57) Abstract :

With a method for the gasification of a biomass in a fluidized bed, wherein the biomass is first pre-dried and passed to the fluidized bed gasifier, subsequently the raw gas from the gasifier impacts a recirculation cyclone and subsequently at least one raw gas cooler, the yield of such a method of procedure is supposed to be improved and the system costs are supposed to be lowered. This is achieved in that the dusts that occur in the hot gas filter that follows the raw gas cooler are recirculated into the introduction system of the biomass.



No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.785/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PANE WITH ELECTRICAL CONNECTION ELEMENT

(51) International classification	:H05B 3/84
(31) Priority Document No	:09180346.0
(32) Priority Date	:22/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/068804
Filing Date	:03/12/2010
(87) International Publication No	:WO 2011/076540
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18, AVENUE D'ALSACE, F-92400 COURBEVOIE, FRANCE

(72)Name of Inventor :

1)RATEICZAK, MITJA

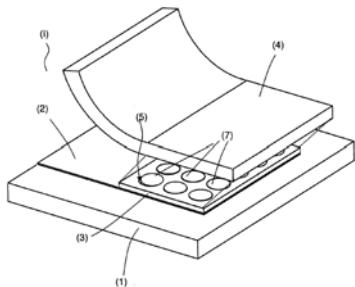
2)SCHLARB, ANDREAS

3)REUL, BERNHARD

4)ZIEGLER, STEFAN

(57) Abstract :

The invention relates to a pane (1) wherein, an electrically conductive structure (2) is applied on a glass pane (1), at least one intermediate layer (3) is applied on the electrically conductive structure (2), at least one electrical connection element (4) is applied on the intermediate layer (3), and wherein the intermediate layer (3), electrical connection element (4), and electrically conductive structure (2) form at least one hollow space (5), and the hollow space (5) includes an electrically conductive mass (7). The invention further relates to a method for its production and its use.



No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.791/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE FOR MONITORING SOURCE OF ELECTRIC POWER SUPPLIED TO STORAGE BATTERY IN POWER SUPPLY SYSTEM

(51) International classification	:H02J 7/35	(71) Name of Applicant :
(31) Priority Document No	:2009-230862	1)PANASONIC CORPORATION
(32) Priority Date	:02/10/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/002430	1)AKIMI SHIOKAWA
Filing Date	:28/09/2010	
(87) International Publication No	:WO 2011/039604	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for monitoring power sources of a storage battery includes a monitoring unit for monitoring input and output of power to and from a storage battery; and a power source management unit for managing sources from which amounts of power stored in the storage battery have been obtained and extents to which the amounts of power have been stored in the storage battery.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1599/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : STRETCH FORMING APPARATUS WITH SUPPLEMENTAL HEATING AND METHOD

(51) International classification	:B21D 31/00
(31) Priority Document No	:12/627,837
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031985
Filing Date	:22/04/2010
(87) International Publication No	:WO 2011/065990
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CYRIL BATH COMPANY

Address of Applicant :1610 AIRPORT ROAD, MONROE,
NC 28110 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)POLEN, LARRY, ALEXANDER

2)HOUSTON, THOMAS, SANDY

3)OWENS, JOHN, E.

(57) Abstract :

A stretch-forming apparatus includes a main frame which carries a die enclosure between jaw assemblies. The die enclosure includes radiant heaters for supplying heat to a workpiece being stretch-formed against the die.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1634/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : RESTORATION SWITCHING ANALYSIS WITH GENETIC ALGORITHM

(51) International classification	:G06N 3/12
(31) Priority Document No	:61/266,691
(32) Priority Date	:04/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058881
Filing Date	:03/12/2010
(87) International Publication No	:WO 2011/069061
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ABB RESEARCH LTD.

Address of Applicant :AFFOLTERNSTRASSE 44 CH-8050
ZURICH SWITZERLAND

(72)**Name of Inventor :**

1)WANG, ZHENYUAN

2)LI, WENPING

(57) Abstract :

A method for generating switching plans to restore power to out-of-service areas after fault isolation through back feeding. A chromosome architecture is defined to create chromosomes representing candidate post-restoration systems. The chromosomes are evaluated and repeatedly genetically altered until an acceptable solution is identified. The solution identifies a plurality of switching operations that back feed power to the out-of-service areas in the most optimal manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1635/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELASTIC THREAD SUPPLY DEVICE

(51) International classification	:B65H 51/30
(31) Priority Document No	:2009-298639
(32) Priority Date	:28/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073582
Filing Date	:27/12/2010
(87) International Publication No	:WO 2011/081140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNICHARM CORPORATION

Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
SHIKOKUCHUO-SHI, EHIME 799-0111 JAPAN

(72)Name of Inventor :

1)YAMAMOTO, HIROKI

(57) Abstract :

An elastic thread supply device 100 including a tension controller 130 configured to control the stress acting upon an elastic thread TH drawn from an elastic thread package P, and a drive roll 140 configured to supply the elastic thread TH dispensed from the tension controller 130 to a processing line 30. The drive roll 140 operates at a supply velocity v2 slower than a conveyance velocity v1 of a web W, and increases or decreases the supply velocity v2 depending on the fluctuation in the conveyance velocity v1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2012

(21) Application No.1636/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR REFILLING AN EVAPORATOR CHAMBER

(51) International classification	:C23C 14/24
(31) Priority Document No	:10157912.6
(32) Priority Date	:26/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/054433
Filing Date	:23/03/2011
(87) International Publication No	:WO 2011/117291
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 AVENUE D'ALSACE F-92400 COURBEVOIE FRANCE

(72)Name of Inventor :

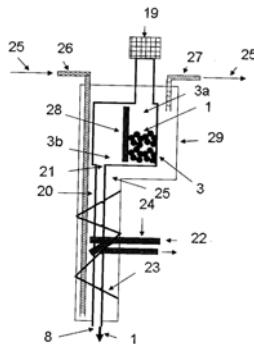
1)BOGER, RAIMUND

2)JAHNKE, ANDREAS

3)G-TZE, THOMAS

(57) Abstract :

Method for continuously refilling an evaporator chamber, wherein a. solid material (1) is transferred via a vacuum lock (19) into a vacuum chamber (3), wherein the vacuum chamber (3) has a partition (28) that is permeable only to liquid material (1), b. the material (1) is heated in the vacuum chamber (3) by a heating jacket (29) of the vacuum chamber (3) to liquefaction, and c. the material (1) is transferred via a drain (21) and a connecting channel (20) into a basin (9) inside an evaporator chamber (8).



No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.790/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : LOAD CONTROL SYSTEM

(51) International classification	:H02J 9/06
(31) Priority Document No	:2009-230794
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002424
Filing Date	:28/09/2010
(87) International Publication No	:WO 2011/039600
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

(72)Name of Inventor :

1)SATOSHI HIRATA

2)SHUJI MATSUURA

3)YUJI FUJITA

(57) Abstract :

A load control system includes: a power supply control unit for controlling a power feeding to multiple load devices; and a backup power supply unit for supplying backup power during a power failure. During a power failure, the power supply control unit supplies the power from the backup power supply unit only to a part of load devices selected among the load devices, and the load devices are devoid of communications function for communicating with the power supply control unit.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.798/KOLNP/2012 A

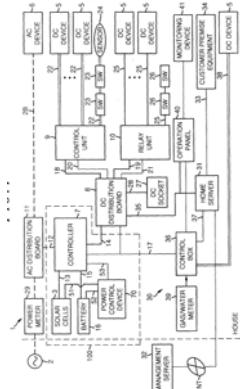
(43) Publication Date : 01/02/2013

(54) Title of the invention : ENERGY STORAGE SYSTEM

(51) International classification	:H02J 3/32	(71)Name of Applicant :
(31) Priority Document No	:2009-232007	1)PANASONIC CORPORATION
(32) Priority Date	:05/10/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501, JAPAN
(86) International Application No	:PCT/IB2010/002488	(72)Name of Inventor :
Filing Date	:01/10/2010	1)KIYOTAKA TAKEHARA
(87) International Publication No	:WO 2011/042786	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an energy storage system, power from at least one of a solar cell, a commercial AC power source, and a storage battery is supplied to load devices. In the daytime, under the condition that an amount of power generated by the solar cell is less than an amount of power consumed by the load device, the discharge from the storage battery to the load device is permitted or prohibited if the charge level of the storage battery is higher or is not higher than the reference charge level. The discharge from the storage battery which makes the charge level of the storage battery lower than the reference level is permitted at night.



No. of Pages : 65 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2012

(21) Application No.1507/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRODE FOR ELECTROCHEMICAL PROCESSES AND METHOD FOR OBTAINING THE SAME

(51) International classification	:C25B 11/04
(31) Priority Document No	:MI2010A000268
(32) Priority Date	:22/02/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/052542
Filing Date	:21/02/2011
(87) International Publication No	:WO 2011/101477
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INDUSTRIE DE NORA S.P.A.

Address of Applicant :VIA BISTOLFI, 35, I-20134 MILAN, ITALY

(72)**Name of Inventor :**

1)BRICHESE, MARIANNA

2)ANTOZZI, ANTONIO LORENZO

3)CALDERARA, ALICE

(57) Abstract :

An electrode suitable for use as hydrogen-evolving cathode in electrolytic processes is obtained by thermal decomposition of a precursor consisting of an acetic solution of nitrates of ruthenium and optionally of rare earths. The electrode displays a low cathodic hydrogen evolution overpotential, an improved tolerance to current reversal phenomena and a high duration in industrial operating conditions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.789/KOLNP/2012 A

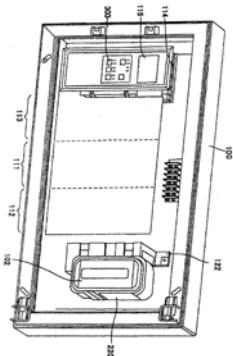
(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER DISTRIBUTION DEVICE AND POWER DISTRIBUTION SYSTEM USING SAME

(51) International classification	:H02B 1/40	(71)Name of Applicant :
(31) Priority Document No	:2009-230559	1)PANASONIC CORPORATION
(32) Priority Date	:02/10/2009	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501, JAPAN
(86) International Application No	:PCT/IB2010/002474	(72)Name of Inventor :
Filing Date	:30/09/2010	1)SATORU INAKAGATA
(87) International Publication No	:WO 2011/039616	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power distribution device includes a direct current power source DC/DC converter connected to a direct current power source, and an AC/DC converter connected to an alternating current power source. The direct current power source DC/DC converter and the AC/DC converter are accommodated in a single container from which a DC load supply line is led out.



No. of Pages : 80 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.796/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PEDAL-DRIVE SYSTEM FOR MANUALLY PROPELLING MULTI-WHEELED CYCLES.

(51) International classification	:B62M 1/04
(31) Priority Document No	:12/554,366
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047613
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/028858
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :902 N. PLEASANTBURG DRIVE,
GREENVILLE, SOUTH CAROLINA 29607 (US) U.S.A.

(72)Name of Inventor :

1)SCOLARI, NATHAN ANTHONY

2)OWOC, GREGORY J.

(57) Abstract :

A pedal drive system (9) for propelling a multi-wheeled cycle has a cycle frame (10) that has a steerable front wheel (12) and at least one driven wheel (14); first and second pedal arms (21, 22), each having a support member (23, 24) for supporting a respective foot of the user. Each support member (23, 24) is hingably supported by said cycle frame (10) at a proximal end (21a, 22a) of said arm. A drive spindle (40) is supported by said cycle frame (10) between said first and second pedal arms (21, 22). The drive spindle (40) has a toothed member for transmitting a driving force to said at least one rear wheel (14), using a flexible transmission element (50) and a rear wheel toothed member (60). The pedal drive system (9) further has first and second two-bar linkages connecting respective said pedal arms (21, 22) to the said drive spindle (40). The two-bar linkages further have an inner bar, and an outer bar, and wherein said inner bars have one crank pin G, I each, respectively, located between the distal (21b, 22b) and proximal (21a, 22a) ends of the said pedal arms (21, 22). Each crank pin G, I remains 180 degrees apart around the said drive spindle (40), and wherein both said outer bar linkages F, H have differing angular relationships with respect to the said respective pedal arms (21, 22) at said first and second pedals end of stroke positions. One or the other said first and second pedal arms (21, 22) can always apply rotation force to the said inner bars crank pins G, I without the necessity of rotational force being back to the said inner bars crank pins G, I by means of the rotation of the wheel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.802/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POLYMERIC SYSTEMS FOR THE DELIVERY OF ANTICANCER AGENTS

(51) International classification	:A61K 47/32
(31) Priority Document No	:61/251,156
(32) Priority Date	:13/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052510
Filing Date	:13/10/2010
(87) International Publication No	:WO 2011/047051
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)REXAHN PHARMACEUTICALS, INC.

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(72)Name of Inventor :

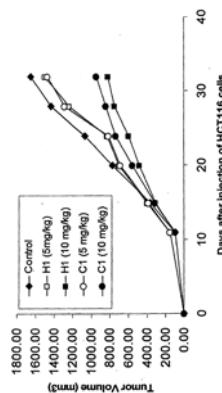
1)LEE, YOUNG BOK

2)KIM, DEOG JOONG

3)AHN, CHANG HO

(57) Abstract :

The present invention relates to compositions for the treatment of cancerous tissues in warm-blooded animals containing one or two anticancer agents attached to polymeric carriers having monomer units derived from one or more of N-(2-carboxypropyl)methacrylamide (2-CPMA), N-(3-carboxypropyl)methacrylamide (3-CPMA), N-(2-aminopropyl)methacrylamide (2-APMA) and/or N-(3-aminopropyl)methacrylamide (3-APMA) are also included. Anticancer agents in compositions can be attached to said polymeric carrier by side-chains which can be susceptible to hydrolysis by lysosomal enzymes intracellularly. Compositions can also include a targeting ligand attached to the polymeric carrier, optionally through a second linker.



No. of Pages : 58 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2012

(21) Application No.1609/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SALACINOL AND PONKORANOL HOMOLOGUES, DERIVATIVES THEREOF, AND METHODS OF SYNTHESIZING SAME

(51) International classification	:C07D 333/46
(31) Priority Document No	:61/265,695
(32) Priority Date	:01/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001921
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/066653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SIMON FRASER UNIVERSITY

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(72)**Name of Inventor :**

1)PINTO, BRIAN MARIO

2)MOHAN, SANKAR

3)NASI, RAVINDRANATH

4)KUMARASAMY, JAYAKANTHAN

5)ESKARANDI, RAZIEH

(57) Abstract :

Salacinol and ponkoranol homologues, derivatives thereof and methods of synthesizing and using said homologies and derivatives. The derivatives include stereoisomers, de-O-sulfonated compounds and congeners of the naturally occurring homologues. Some of the derivatives exhibit enhanced glucosidase inhibitory bioactivity in comparison to the naturally occurring compounds which have been isolated from solacia reticulata.

No. of Pages : 52 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.787/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SOLUTION PROCESSABLE PASSIVATION LAYERS FOR ORGANIC ELECTRONIC DEVICES

(51) International classification	:H01L 51/10
(31) Priority Document No	:09011 401.8
(32) Priority Date	:05/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004835
Filing Date	:06/08/2010
(87) International Publication No	:WO 2011/026550
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

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(72)Name of Inventor :

1)JAMES, MARK

2)GREINERT, NILS

3)CARRASCO-OROZCO, MIGUEL

4)BROOKES, PAUL CRAIG

5)MUELLER, DAVID CHRISTOPH

6)MAY, PHILIP EDWARD

7)ARMSTRONG, STEPHEN

8)PENNADAM, SIVANAND SHAMMUGAM

(57) Abstract :

The present invention relates to solution processable passivation layers for organic electronic (OE) devices, and to OE devices, in particular organic field effect transistors (OFETs), comprising such passivation layers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.788/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING AN INPUT VOLTAGE ON A TRANSFORMING STATION OF A POWER NETWORK

(51) International classification	:G01R 19/25
(31) Priority Document No	:102009048509.0
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/006003 :01/10/2010
(87) International Publication No	:WO 2011/042134
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ABB TECHNOLOGY AG

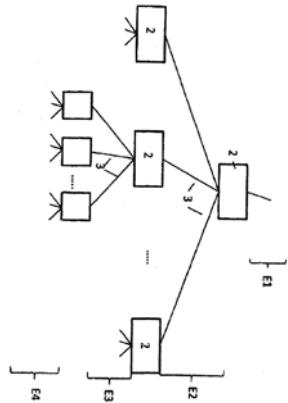
Address of Applicant :AFFOLTERNSTR. 44, CH-8050
ZÜRICH, SWITZERLAND

(72)Name of Inventor :

1)VON SENGBUSCH, KLAUS

(57) Abstract :

The invention relates to a method for determining an input voltage of a transformer of a local network station (2), having the following steps: - measuring of an input current (I_{os}) of the transformer, an output current (I_{us}) of the transformer, an output voltage (U_{us}) of the transformer, and a phase angle between the output current (I_{us}) and output voltage (U_{us}); - determining the translation ratio ($\frac{1}{4}$) and an admittance (Y) of a cross-member of a p-equivalent circuit diagram of the transformer of the local network station (2) using the measured input current (I_{os}), the measured output current (I_{us}), the measured output voltage (U_{us}) and the phase angle between the output current (I_{us}) and the output voltage (U_{us}); and - determining the input voltage (U_{os}) of the transformer of the local network station (2) based on the determined translation ratio ($\frac{1}{4}$) and the determined admittance (Y) of the cross-member of the p-equivalent circuit diagram.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2012

(21) Application No.793/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : A PIPE COUPLING COVER

(51) International classification	:F16L 58/02
(31) Priority Document No	:2009/06726
(32) Priority Date	:28/09/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2009/007411
Filing Date	:11/11/2009
(87) International Publication No	:WO 2011/036513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SKARBOVIG, NILS, MITTET
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(72)Name of Inventor :

1)SKARBOVIG, NILS, MITTET

(57) Abstract :

A cover is provided for a pipe coupling (1) wherein the cover has a first part (2) in the form of an impervious collection chamber adapted to cover approximately one circumferential half of a pipe coupling. The collection chamber is defined by a pair of spaced generally parallel flexible side walls (3,41) and a peripheral wall (4) that preferably includes a transparent zone interconnecting corresponding radially outer edges of the side walls to form the collection chamber. Free edges of the walls that form an opening communicating with the collection chamber have deep generally semi circular recesses (5) for accommodating one half of the circumference of a pipe (6) adjacent a coupling in use. A co-operant second part (9) of the cover serves as a retainer for the first part, in use. The second part has similar side wall (12) with recesses in free edges of the side walls for accommodating an opposite half of the circumference of a pipe adjacent a coupling in use. Each of the recesses has a lateral collar (7, 13, 33, and 40) extending around its periphery. Means are provided for holding the collars around the outer surface of a pipe in use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.804/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : FLOWABLE COMPOSITIONS COMPRISING BIOCOMPATIBLE MATRIX AND CELLS AND INJECTION-TYPE DELIVERY DEVICE

(51) International classification	:A61K47/06
(31) Priority Document No	:60/634,155
(32) Priority Date	:08/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/043844 :06/12/2005
(87) International Publication No	: WO/2006/062871
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:2361/KOLNP/2007 :26/06/2007

(71)Name of Applicant :

1)PERVASIS THERAPEUTICS, INC.

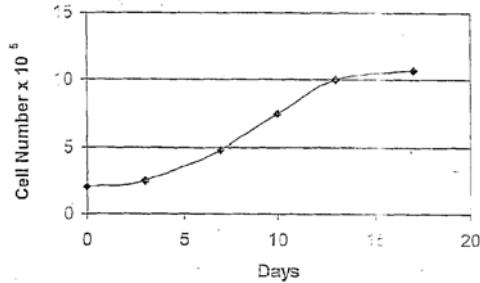
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(72)Name of Inventor :

**1)NUGENT, HELEN, MARIE
2)EDELMAN, ELAZER
3)BOLLINGER, STEVE**

(57) Abstract :

The invention discloses a flowable composition comprising a biocompatible matrix and cells for use in the treatment of an ischemic tissue wherein said flowable composition is delivered by percutaneous injection to an extraluminal site at or adjacent or in the vicinity of the ischemic tissue in an amount effective to treat the ischemic tissue. The invention also discloses an injection-type delivery device comprising: (a) a 22-26 gauge internal diameter needle; and (b) a flowable composition comprising a suspension of gelatin particles having a diameter of about 100 μm to about 500 μm , said particles having cells adhered thereto; for use in a method of treating an injured or diseased site by extraluminal or non-luminal deposition of said flowable composition at. adjacent or in the vicinity of said injured or diseased site in an amount effective to treat said injured or diseased site.



No. of Pages : 78 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.797/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : IMPROVED SCOOTER AND PEDAL DRIVE ASSEMBLY.

(51) International classification	:B62M 1/04
(31) Priority Document No	:12/554,366
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047618
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/028861
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZIKE, LLC

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(72)Name of Inventor :

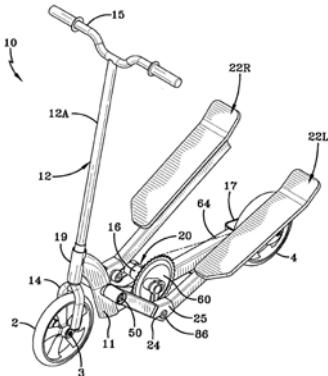
1)SCOLARI, NATHAN ANTHONY

2)CABRAL, DANIEL ROBERT

3)BERGMARK, GEOFFREY MICHAEL

(57) Abstract :

An improved two wheeled reciprocating pedal driven scooter 10 has a frame 11 including a steering assembly attached to the frame 11, a front steering wheel 2 attached to a front axle 3 attached to the steering assembly 12 at the frame 11, a rear drive wheel 4 attached to a rear axle 18 attached to a rear portion of the frame 11 and a drive mechanism 20 for rotating the rear drive wheel 4. The drive mechanism 20 has a pair of reciprocating foot pedals 22R, 22L straddling each side of the frame 11, attached to and extending to a forward proximal hinge attachment location 50 on the frame 11. Each of the foot pedals 22R, 22L has a short portion 23 and an intersecting long portion 21 forming a bend at the intersection wherein an included angle θ between the short and long portions is 90 degrees or greater. The attachment location 24 of the foot pedal 22L, 22R to a coupling 32 of the drive mechanism 20 is at or near the intersection forming the bend of the short and long portions of each foot pedal. The proximal hinge location 50 is vertically located on the frame a distance Y at or above the center of a drive axle 18. The short portion 23 of the pedal 22L or 22R extends a distance Z from the proximal hinge location 50 to the intersection of the long portion 21 and short portion 23 of the foot pedal to form the bend wherein the bend is located at or below the frame 11. In use, when the long portion 21 of one foot pedal is at the bottom of the foot pedal stroke it is substantially horizontal while the long portion 21 of the other pedal 22L or 22R is at the top of the stroke and is inclined to a maximum stroke angle α of less than 30 degrees, preferably 28 degrees.



No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.800/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING LAMINATED SAFETY GLASS

(51) International classification	:B30B 5/02
(31) Priority Document No	:10 2009 048 999.1
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/063470
Filing Date	:14/09/2010
(87) International Publication No	:WO 2011/042285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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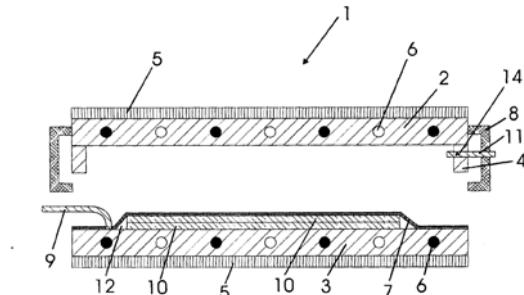
Address of Applicant :ZECHENSTRASSE 7C, 45772 MARL, GERMANY

(72)Name of Inventor :

1)MUSCHIOL, MICHAEL

(57) Abstract :

The invention relates to a device and a method for producing laminated safety glass from at least two glass panes having an adhesive layer arranged in between. In order to provide a device and a method for producing laminated safety glass that allow for the cost-effective production of laminated safety glass, the device comprises a base plate and a cover plate that can be adjusted relative to each other between an operating position and a removal position, a sealing frame disposed in a pressure tight manner in the operating position on the base plate and the cover plate, means for creating a vacuum in a hollow space formed between a cladding material covering the glass panes in the operating position and the base plate, means for creating an overpressure in the working space created between the cover plate and the flexible cladding material arranged on the glass panes in the operating position, and heating means for heating the glass panes to be joined.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.801/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TESTING MULTIPLE DIGITAL SIGNAL TRANSCEIVERS IN PARALLEL

(51) International classification	:H04W 24/06
(31) Priority Document No	:61/252,893
(32) Priority Date	:19/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/052283 :12/10/2010
(87) International Publication No	:WO 2011/049780
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

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(72)**Name of Inventor :**

1)EL-HASSAN, WASSIM

2)OLGAARD, CHRISTIAN VOLF

3)WALVIS, DIRK

(57) Abstract :

A method for contemporaneously testing multiple digital data packet transceivers using predefined UL test sequences of synchronized data packets by pre-configuring test measurements, and multiplexing and interleaving portions of the data packets from the devices under test (DUTs).

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.808/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE

(51) International classification

:H01S 3/30

(31) Priority Document No

:0915944.3

(32) Priority Date

:10/09/2009

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2010/051514

Filing Date

:10/09/2010

(87) International Publication No

:WO 2011/030157

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)GIN JOSE

2)ANIMESH JHA

3)DAVID PAUL STEENSON

(57) Abstract :

A device capable of random lasing comprising a substrate and a rare earth -doped glass fabricated on the substrate in the form of a waveguide, wherein the glass comprises a germanium glass, a titanium glass, or a chalcogenide glass.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.807/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING FILM TUBING

(51) International classification	:B29C 47/88
(31) Priority Document No	:102009046539.1
(32) Priority Date	:09/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/066248
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/054715
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)JOPPE, MARKUS

2)GOLUBSKI, KARSTEN

3)LINKIES, JÜRGEN

(57) Abstract :

The invention relates to a device (1) and a method for producing film tubing (3), comprising; a blow film die (5) having an annular nozzle (4) from which a plastic melt can be extruded in a transport direction (y) for forming the film tubing (3), at least one fluid application unit, at least sections of which are formed in an annular manner and which is arranged downstream the blow film die (5) in a transport direction (y) and which encloses the film tubing (3) in an annular manner, and by means of which a fluid can be conducted onto the film tubing, and at least one ring (20), the diameter of which is greater than the annularly formed area of the fluid application device. An adjusting device (21) is provided, by means of which the ring (20) can be adjusted in height relative to the fluid application device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.813/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : ELECTRIC POWER DISTRIBUTION SYSTEM

(51) International classification	:H02J 13/00
(31) Priority Document No	:2009-232016
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002492
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/042787
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

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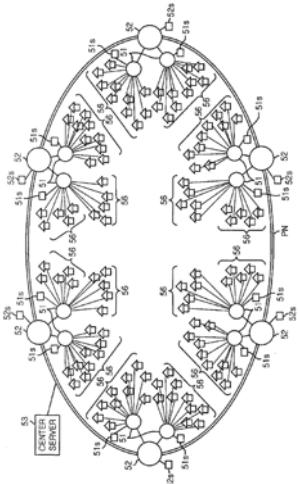
(72)Name of Inventor :

1)SATSUKI YONEDA

2)SHINICHI MORI

(57) Abstract :

A power distribution system includes: a remote electricity monitoring device which is provided at each power supply destination, and remotely reads, via communication means, an consumed power amount and an surplus power amount stored in a power storage device at each supply destination; and a management server which manages the power supply of each supply destination while collecting, via the communication means, the consumed power information and the surplus power information, both of which are read by the remote electricity monitoring device. The management server distributes the power among the supply destinations in line with the relationship between the power amounts based on the consumed power information and surplus power information.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.814/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : POWER SUPPLY SYSTEM

(51) International classification	:H02J 3/32
(31) Priority Document No	:2009-232017
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002461
Filing Date	:29/09/2010
(87) International Publication No	:WO 2011/042781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

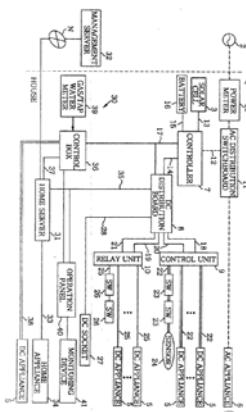
1)TAKESHI INOUE

2)NOBUHIRO KITAMURA

3)MASATO KASAYA

(57) Abstract :

A power supply system includes a current detection unit for detecting a current used by a load and an electric cell. The power supply system further includes a control unit for controlling the electric power stored in the electric cell to be supplied to the load if it is determined that the current detected by the current detection unit exceeds a cutoff threshold.



No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2012

(21) Application No.909/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : PARTS WELDED IN A ROTATIONALLY SYMMETRICAL MANNER

(51) International classification	:B23P 15/00
(31) Priority Document No	:10 2009 042 714.7
(32) Priority Date	:23/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/050070
Filing Date	:08/09/2010
(87) International Publication No	:WO 2011/035780
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BONGARTZ, ROBERT

2)DOROW, REINER

3)MÜLLER, KURT

(57) Abstract :

The invention relates to a part (10) welded in a rotationally symmetrical manner and comprising two parts (12, 14), which are connected by a rotationally symmetrical weld (16), wherein a main loading area (22) occurs in the vicinity of the weld (16), and only the weld (16) and the surroundings (22) thereof are strengthened by case hardening in the extreme fiber in such a way that case strengthening is present there, and a method for producing a part (10) welded in a rotationally symmetrical manner and comprising two parts (12, 14) by welding a rotationally symmetrical weld (16) between the two parts (12, 14), wherein after the parts (12, 14) are welded, the weld (16) and the surroundings (22) thereof are case hardened and the hardened zone (16, 22) is quenched immediately thereafter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.977/KOL/2011 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONNECTION IN A BLUETOOTH COMMUNICATION SYSTEM

(51) International classification	:H04B7/00	(71) Name of Applicant : 1)MOTOROLA MOBILITY, INC. Address of Applicant :600 NORTH US HIGHWAY 45, LIBERTYVILLE, IL 60048 UNITED STATES OF AMERICA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHWANATH, K.M.
(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 Bluetooth communication system is provided wherein a remote, or destination, wireless communication device provides its Bluetooth profile information, including all of the necessary Service Discovery Protocol (SDP) information required to initiate a profile connection, to a source wireless communication device in an Extended Inquiry Response (EIR) message as part of Device discovery or Inquiry procedure. In response, the source wireless communication device will establish an ACL connection with the remote wireless communication device and provide its own EIR message containing the necessary SDP information of the source wireless communication device over ACL connection as an ACL data packet. The manufacturer data field of the EIR messages will include the SDP information of the respective devices. Thus the Bluetooth communication system preserves the overhead that would be expended in establishing a Layer Logical Link Control and Adaption Protocol layer (L2CAP) connection and exchanging multiple SDP requests and responses.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.982/KOL/2011 A

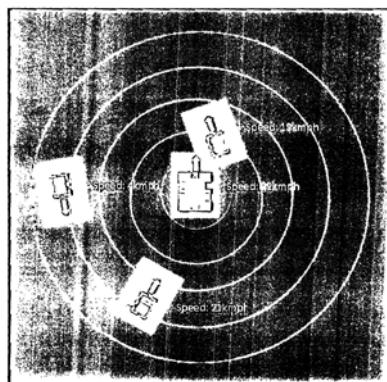
(43) Publication Date : 01/02/2013

(54) Title of the invention : GPS AND RADIO FREQUENCY BASED DUMPER COLLISION AVOIDANCE SYSTEM

(51) International classification	:G06F19/00	(71) Name of Applicant : 1)PERVCOM CONSULTING PVT. LTD. Address of Applicant :195 A, JODHPUR PARK, KOLKATA-700 068, West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)BANDYOPADHYAY, SOMPRAKASH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is in the field of safety of the operational dumpers/other huge sized vehicles and their drivers in the open pit mines. The system allows the drivers to safely navigate the vehicle avoiding collision with other vehicles/human beings/objects in the vicinity. Harsh mining conditions in the open pit mines pose a great challenge in maintaining safety in operation. The heavy vehicles operating in the open pit mines need to maneuver carefully in order to avoid mishap. Therefore, the problem of safely carrying on the production and operation in open cast mine without any fatal accident, ensuring workers safety and safeguarding the costly mining equipments against collision is identified as a major challenge in open-cast mines. The Dumper Collision Avoidance System is capable of assisting the drivers with the visual information and audible warning about the other dumpers and objects in its vicinity during its course of movement. This helps them to navigate their dumpers safely inside the mine avoiding the risk of collisions with other vehicles, fixed hazards and workers in its vicinity in poor operating environment. The functionalities of the system are: Visualization of other dumpers in the vicinity (using inter-dumper wireless communication network) to generate early warning based on GPS and orientation & heading analyzer Radio Frequency based audio-visual proximity warning Radar based static & mobile object detection (like jeeps, cars and field workers) and alert generation for drivers navigational assistance Camera based rear viewer on dumper reversals Small Vehicle Detection Unit for the dumpers to detect presence of a small vehicle.



No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2012

(21) Application No.803/KOLNP/2012 A

(43) Publication Date : 01/02/2013

(54) Title of the invention : SULFONAMIDES FOR THE PREVENTION OF DIABETES

(51) International classification	:A61K 31/185
(31) Priority Document No	:09172365.0
(32) Priority Date	:06/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/064920
Filing Date	:06/10/2010
(87) International Publication No	:WO 2011/042465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOMPE' S.P.A.

Address of Applicant :LOCALITÀ CAMPO DI PILE SNC, I-67100 L'AQUILA AQ ITALY

(72)Name of Inventor :

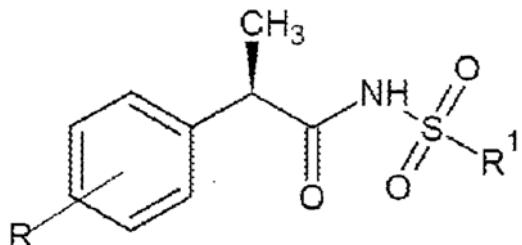
1)PIEMONTI, LORENZO

2)DAFFONCHIO, LUISA

3)ALLEGRETTI, MARCELLO

(57) Abstract :

The use of sulfonamides of formula (I) wherein R and R¹ are as defined in the description, for the preparation of medicaments for the prevention of diabetes, in particular of type-1 diabetes is herein disclosed.



No. of Pages : 15 No. of Claims : 6

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
190853	1. DR. RAVIKANTI VIMALADEVI 2. DR. RAVIKANTI VENKATA KRISHNA RAO 3. MR. RAVIKANTHI MIHIR 4. MS. RAVIKANTHI JAHNAVI	A PROCESS OF THE PREPARATION OF HERBAL MOSQUITO REPELLENT	24/04/2012	CHENNAI

**PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (CHENNAI)**

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

S.NO	PATENT NUMBER	APPLICANT	TITLE	DATE ON WHICH APPLICATION FILED	APPROPRIATE OFFICE
1	213066	M/s. SASKEN COMMUNICATION TECHNOLOGIES LIMITED	A METHOD AND APPARATUS FOR DETECTING AN ATTACK IN AN INPUT AUDIO SIGNAL	31/05/2011	CHENNAI
2	199170	SHRI. LAKSHMANASWAMY GOUNDER PALANISWAMY	A PROCESS AND A PLANT FOR RECOVERING PURIFIED WATER AND GLAUBER SALT FROM TEXTILE EFFLUENTS AND RECYCLING THE SAME TO THE DYEING PROCESS	02/06/2011	CHENNAI
3	242042	M/s. WST INTERNATIONAL (HOLDINGS) LIMITED	APPARATUS AND METHOD OF SEPARATING PLASTIC FILMS FROM GARBAGE FOR COLLECTION	09/06/2011	CHENNAI
4	218497	M/s. MAUSER-WERKE GMBH	AN EXTRUSION HEAD	22/06/2011	CHENNAI
5	248299	M/s. QUALCOMM INCORPORATED	METHOD, APPARATUS AND SYSTEM FOR ENCODING AND DECODING SIDE INFORMATION FOR MULTIMEDIA TRANSMISSION	14/7/2011	CHENNAI
6	196287	1:- Shri. AMIT JAIPURIA 2:- Shri. PRADEEP JAIPURIA	METHOD OF OPTIMIZING NETWORK CAPABILITY USING A SECURED SYSTEM FOR AN ONLINE COMMUNITY	20/07/2011	CHENNAI
7	201345	DR. JOSE THAIKATTIL	VESSEL	25/07/2011	CHENNAI

8	229135	M/s. SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY	A PROCESS FOR THE PREPARATION OF DRUG ENCAPSULATED MICROSUPERES	28/07/2011	CHENNAI
9	208616	M/S. PAGTER & PARTNERS INTERNATIONAL B.V	A PACKAGING FOR CUT FLOWERS	2/8/2011	CHENNAI
10	210562	M/s. TEMCO TEXTILMASCHINENKOMPONENTEN GMBH	A METHOD FOR THE INSERTION OF THREAD IN A FALSE-TWIST TEXTURING DEVICE AND A FALSE-TWIST TEXTURING DEVICE	2/8/2011	CHENNAI
11	211961	M/s. DIOLEN INDUSTRIAL FIBERS GMBH	FILAMENT-FORMING POLYESTERS AND COPOLYESTERS AND PROCESS FOR THEIR PRODUCTION	2/8/2011	CHENNAI
12	218912	M/s. N.V. NUTRICIA	INFANT FORMULATION COMPRISING A PROTEIN COMPONENT AND LIPID COMPONENT	2/8/2011	CHENNAI
13	221700	M/s. COGNIS DEUTSCHLAND GMBH & CO. KG	A PROCESS FOR THE TEXTURING OF YARNS OF SYNTHETIC FILAMENTS	2/8/2011	CHENNAI
14	208093	M/s. GARFIELD INTERNATIONAL INVESTMENTS LIMITED	METHOD AND APPARATUS FOR REMOVING DISSOLVED SOLIDS FROM WATER	4/8/2011	CHENNAI
15	221246	M/s. BAERLOCHER GMBH	A PROCESS FOR PREPARING A PROCESSING AID FOR VINYL POLYMERS	4/8/2011	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 Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	199595	435/DEL/1997	21/02/1997		A PROCESS FOR THE RE-ACTIVATION OF ION EXCHANGE CATALYSTS AMBERLYST-15	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	20/05/2005	DELHI
2	255117	3676/DELNP/2004	03/06/2003	03/06/2003	FLUID INJECTION DEVICE FOR A METALLURGICAL VESSEL	VESUVIUS CRUCIBLE COMPANY	09/10/2009	DELHI
3	255121	187/DELNP/2006	07/07/2004	11/07/2004	AN IMAGE DATA COMPRESSOR DEVICE (D) FOR COMPRESSING DIGITAL IMAGE DATA	ALCATEL,	10/08/2007	DELHI
4	255126	2745/DELNP/2007	19/10/2005	21/10/2004	PROCESS FOR THE PREPARATION OF PYRAZOLES	SYNGENTA PARTICIPATIONS AG	03/08/2007	DELHI
5	255127	4772/DELNP/2006	21/02/2005	20/02/2004	MODULATORS OF CANNABINOID RECEPTORS	UNIVERSITY COLLEGE LONDON	31/08/2007	DELHI
6	255130	968/DEL/2005	19/04/2005	15/11/2004	FABRIC NOZZLES FOR TEXTILE PROCESSING MACHINES	FALMER INVESTMENTS LTD	01/12/2006	DELHI
7	255131	7421/DELNP/2006	02/06/2005	30/06/2004	AN INJECTION MOLDING SHOOTING POT	HUSKY INJECTION MOLDING SYSTEMS LTD.	24/08/2007	DELHI
8	255135	4733/DELNP/2006	14/03/2005	12/03/2004	A MOTORIZED PULLEY WITH CABLE CONNECTOR	INTERROLL HOLDING AG	24/08/2007	DELHI
9	255136	205/DELNP/2006	12/07/2004	14/07/2003	AN OIL PUMP FOR INTERNAL COMBUSTION ENGINES	GKN SINTER METALS HOLDING GMBH	17/08/2007	DELHI
10	255139	383/DELNP/2006	31/03/2004	23/06/2003	AN APPARATUS AND SYSTEM FOR FINGERPRINTING OF DATA	SONY PICTURES ENTERTAINMENT INC.	17/08/2007	DELHI
11	255140	416/DEL/2007	19/10/2004	24/10/2003	PROCESS FOR THE PREPARATION OF POLYFUNCTIONAL LIVING (CO) POLYMERS	ARKEMA	24/08/2007	DELHI
12	255141	1730/DELNP/2006	20/09/2004	22/09/2003	HIGH RATIO EPICYCLIC GEAR ASSEMBLY	ORBITAL 2 LIMITED,HICKS, RAYMOND J.	13/04/2007	DELHI
13	255144	1666/DEL/2004	02/09/2004	10/12/2003	DOUBLE CLUTCH TRANSMISSION	HYUNDAI MOTOR COMPANY	19/06/2009	DELHI

14	255147	2897/DEL/2005	28/10/2005	29/10/2004	A COMPOSITION OF ECTEINASCIDIN AND DISACCHARIDE	PHARMA MAR S.A., SOCIEDAD UNIPERSONAL	02/10/2009	DELHI
15	255148	2846/DELNP/2004	19/03/2003	11/04/2002	A SYSTEM FOR AVOIDING INTER-LAYER INTER-SYMBOL INTERFERENCE	TELEFONAKTIEBO LAGET LM ERICSSON [PUBL]	09/10/2009	DELHI
16	255151	2727/DELNP/2004	13/03/2003	13/03/2002	A METHOD OF REDUCING A METAL OXIDE IN A SOLID STATE IN AN ELECTROLYTE	BHP BILLITON INNOVATION PTY LTD	09/10/2009	DELHI
17	255156	2506/DELNP/2006	28/11/2003	28/11/2003	A PROCESS AND TOROIDAL SUPPORT FOR MANUFACTURING A GREEN TYRE	PIRELLI PNEUMATICI S.P.A.	10/08/2007	DELHI
18	255158	439/DELNP/2004	06/09/2002	07/09/2001	CONNECTOR BLOCK FOR RETAINING AT LEAST ONE SHOCK TUBE	ORICA EXPLOSIVES TECHNOLOGY PTY LTD	18/12/2009	DELHI
19	255167	595/DELNP/2006	27/08/2004	29/08/2003	A METHOD FOR GENERATING A TRANSMISSION SIGNAL	DTVG LICENSING INC	31/08/2007	DELHI
20	255169	6234/DELNP/2006	24/05/2005	24/05/2004	A COMPOSITION COMPRISING OR PRODUCED FROM A THERMOPLASTIC POLYMER BLEND AND A PROCESS COMPRISING COEXTRUDING A POLYMER	E.I. DU PONT DE NEMOURS AND COMPANY	31/08/2007	DELHI
21	255170	187/DEL/2005	31/01/2005	05/02/2004	A TURBOJET COMPRISING AN ENGINE HAVING AT LEAST ONE COMPRESSOR	SNECMA	29/12/2006	DELHI
22	255173	267/DEL/2005	09/02/2005	29/03/2004	COMPLEMENTARY CAM DEFINING TWO CONJUGATE TRACKS AND A PROCESS FOR MANUFACTURING THE SAME	STAUBLI FAVERGES	29/12/2006	DELHI
23	255175	222/DEL/2007	05/02/2007 12:24:53	13/02/2006	A TOOL FOR CUTTING MACHINING	HEINZ KAISER AG	17/08/2007	DELHI
24	255176	3667/DELNP/2004	17/10/2002	17/10/2002	FILTER DEVICE AND A METHOD FOR PRODUCING THE SAME	VESUVIUS CRUCIBLE COMPANY	09/10/2009	DELHI
25	255177	5675/DELNP/2006	03/03/2005	11/03/2004	SHAVING RAZORS AND OTHER HAIR CUTTING ASSEMBLIES	THE GILLETTE COMPANY	31/08/2007	DELHI
26	255178	3034/DELNP/2004	25/04/2003	02/05/2002	YARN DELIVERY DEVICE	MEMMINGER-IRO GMBH	02/10/2009	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.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	255118	322/MUMNP/2009	12/07/2007	19/07/2006	ALKYLATION PROCESS FOR INCREASED CONVERSION AND REDUCED CATALYST USE	LUMMUS TECHNOLOGY INC.	15/05/2009	MUMBAI
2	255119	335/MUMNP/2008	24/07/2006	22/07/2005	SDMA FOR WCDMA WITH INCREASED CAPACITY BY USE OF MULTIPLE SCRAMBLING CODES	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
3	255120	633/MUMNP/2008	07/09/2006	07/09/2005	METHOD FOR SUPPRESSING CROSS-SLOT INTERFERENCE IN TIME-SLOTTED CDMA SYSTEM	CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY	05/09/2008	MUMBAI
4	255129	694/MUMNP/2008	12/09/2006	29/09/2005	A METHOD FOR INSERTING A DOWNLINK COMMON PILOT	SHANGHAI ULTIMATE POWER COMMUNICATIONS TECHNOLOGY CO., LTD.	05/09/2008	MUMBAI
5	255132	294/MUMNP/2008	18/05/2006	19/07/2005	METHOD FOR OPERATING AN OPEN-END SPINNING DEVICE	OERLIKON TEXTILE GMBH & CO. KG	07/03/2008	MUMBAI
6	255134	117/MUMNP/2007	13/07/2005	14/07/2004	METHOD OF MAKING A MOLDED ARTICLE FROM TWO OR MORE DIFFERENT FORMABLE MATERIALS IN A SINGLE HEATING CYCLE	VERTEX L.L.C	10/08/2007	MUMBAI
7	255149	999/MUMNP/2008	17/10/2006	24/11/2005	VIDEO PICTURE MANAGEMENT EQUIPMENT AND METHOD FOR VIDEO PICTURE MANAGEMENT	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	11/07/2008	MUMBAI
8	255164	1680/MUM/2006	12/10/2006		ROTARY TYPE UNIT OR MAGAZINE FOR ARBOUR COT SYSTEM FOR AN AUTOMATIC RUBBER COT GRINDING OR BUFFING MACHINE.	MEVADA, JITENDRA ISHWARBHAI,MISTRY, NARESH AMRUTLAL	23/11/2007	MUMBAI

9	255165	175/MUM/2005	17/02/2005		A NOISE DAMPENING BEARING ASSEMBLY	BAJAJ AUTO LIMITED	01/09/2006	MUMBAI
10	255166	2097/MUMNP/2007	03/05/2006	10/06/2005	TOP ROLL CARRIER AND WEIGHTING ARM	OERLIKON ACCOTEX TEXPARTS GMBH	11/01/2008	MUMBAI
11	255171	2095/MUMNP/2007	05/04/2006	19/05/2005	A COIL COMPONENT FOR AN ELECTROMAGNETIC RELAY	XIAMEN HONGFA ELECTROACOUSTIC CO., LTD.	08/02/2008	MUMBAI
12	255174	750/MUMNP/2006	14/03/2002	16/03/2001	A METHOD OF OPERATING A CHEMICAL REACTOR TUBE	TUBEMASTER INC	17/08/2007	MUMBAI
13	255179	138/MUMNP/2007	29/07/2005	30/07/2004	METHOD FOR FORMING MEDIAN CRACK IN SUBSTRATE	mitsuboshi diamond industrial co., ltd.	13/07/2007	MUMBAI
14	255181	720/MUMNP/2008	05/10/2006	06/10/2005	PATHWAY MARKER, ESPECIALLY FIRE ESCAPE MARKER IN A FLOOR OR WALL	PARKKARI, JORMA	27/06/2008	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255122	3945/CHENP/2006	26/04/2005	27/04/2004	DEPLOYING AN ASSEMBLY INTO A WELL	SCHLUMBERGER TECHNOLOGY B.V.	15/06/2007	CHENNAI
2	255123	4112/CHENP/2006	06/04/2005	18/06/2004	A DEVICE FOR REMOVING A COMPOSITION FROM THE SKIN	Reckitt Benckiser (UK) Limited	15/06/2007	CHENNAI
3	255124	578/CHE/2007	21/03/2007 16:42:30	22/03/2006	MEASURING INSTRUMENT DISPLAY DEVICE	HONDA MOTOR CO., LTD.	17/04/2009	CHENNAI
4	255125	452/CHE/2005	20/04/2005	27/04/2004	EXHAUST SYSTEM FOR MOTORCYCLE	HONDA MOTOR CO., LTD.	27/07/2007	CHENNAI
5	255128	5801/CHENP/2007	20/03/2006	06/06/2005	METHOD FOR DATA COMMUNICATION AND SYSTEM THEREOF	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	13/06/2008	CHENNAI
6	255137	5744/CHENP/2007	12/05/2006	13/05/2005	A METHOD AND KIT FOR DETECTING LUCIFERASE ACTIVITY	PERKINELMER LIFE AND ANALYTICAL SCIENCES B.V	13/06/2008	CHENNAI
7	255146	262/CHE/2005	15/03/2005	16/03/2004	A METHOD FOR PRODUCING A ROLLER	WALDRICH SIEGEN WERKZEUGMASCHINEN GmbH,COURT HOLDINGS LIMITED	16/03/2007	CHENNAI
8	255150	46/CHE/2003	16/01/2003		METHOD AND DEVICE FOR PROVIDING SPEECH-TO-TEXT ENCODING AND TELEPHONY SERVICE	AT & T Corp.	27/07/2007	CHENNAI
9	255152	4492/CHENP/2006	09/05/2005	07/05/2004	A FLOW-TYPE LABORATORY HYDROGENATION APPARATUS AND A LABORATORY HYDROGENATION PROCESS USING THE APPARATUS	THALES NANOTECHNOLOGIAI RT	15/06/2007	CHENNAI
10	255153	4322/CHENP/2006	23/02/2005	26/04/2004	THERAPEUTIC ENZYME FORMULATIONS AND USES THEREOF	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY,ALVINE PHARMACEUTICALS INC	29/06/2007	CHENNAI

11	255154	1276/CHENP/2008	05/09/2006	15/09/2005	4-AMINO-THIENO[3,2-c]PYRIDINE-7-CARBOXYLIC ACID COMPOUNDS	F. HOFFMANN-LA ROCHE AG	28/11/2008	CHENNAI
12	255159	3138/CHENP/2004	30/06/2003	22/07/2002	A METHOD FOR REGENERATING A NOX ADSORBER CATALYST	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY,LLC	17/02/2006	CHENNAI
13	255168	4272/CHENP/2007	13/04/2006	26/04/2005	FLUID EJECTION ASSEMBLY	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	21/12/2007	CHENNAI
14	255172	1217/CHE/2006	12/07/2006 15:39:04		2-SUBSTITUTED METHYL PENAM DERIVATIVES	ORCHID CHEMICALS & PHARMACEUTICALS LTD	09/01/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seria l Nu mber	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255133	1305/KOL/2006	05/12/2006		ENZYMATIC POLISHING OF BROWN RICE	INDIAN INSTITUTE OF TECHNOLOGY	10/04/2009	KOLKATA
2	255138	2568/KOLNP/2006	10/02/2005	10/02/2004	A TARGETED THERAPEUTIC FUSION PROTEIN	BIOMARIN PHARMACEUTICAL INC,	01/06/2007	KOLKATA
3	255142	1724/KOLNP/2006	29/12/2003	29/12/2003	A METHOD OF OVERLOAD CONTROL IN A COMMON CHANNEL SIGNALING LINK SYSTEM	ZTE CORPORATION	11/05/2007	KOLKATA
4	255143	3066/KOLNP/2006	18/05/2005	19/05/2004	SAFETY ELEMENT FOR BATTERY AND BATTERY WITH THE SAME	LG CHEM, LTD.	08/06/2007	KOLKATA
5	255145	1581/KOL/2007	22/11/2007	27/11/2006	A ROTOR OF A TURBO COMPRESSOR	IHI CORPORATION	10/04/2009	KOLKATA
6	255155	2940/KOLNP/2007	10/02/2006	10/02/2005	IMPROVED PROCESS FOR THE PREPARATION OF 3,5-DIETHYL-1,2-DIHYDRO-1-PHENYL-2-PROPYLPYRIDINE	VERTELLUS SPECIALTIES,INC	14/09/2007	KOLKATA
7	255157	4250/KOLNP/2007	03/05/2006	03/05/2005	METHOD FOR CHEMICALLY MODIFYING POLYSACCHARIDES	EVONIK DEGUSSA GMBH	06/06/2008	KOLKATA
8	255160	1033/KOL/2006	10/10/2006		WORKPIECE-CLAMPING DEVICE	SOCO MACHINERY CO. LTD.	18/04/2008	KOLKATA
9	255161	172/KOL/2007	05/02/2007		AN APPARATUS AND A PROCESS FOR ALTERNATING SUPPLY OF TWO SHIELDING GASES TO A GAS METAL ARC WELDING (GMAW) TORCH AT A PRE-SET ALTERNATING/ PULSING FREQUENCY	BHARAT HEAVY ELECTRICALS LIMITED	22/08/2008	KOLKATA
10	255162	28/KOL/2008	04/01/2008	23/01/2007	METHOD TO REGENERATE AN ELECTRICAL ENERGY STORAGE DEVICE USING KINETIC ENERGY OF A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	22/08/2008	KOLKATA

11	255163	1168/KOL/2007	24/08/2007	25/08/2006	A METHOD OF AND A SYSTEM FOR REGULATING A THROTTLE OPENING OF AN ENGINE IN A HYBRID ELECTRIC VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	14/03/2008	KOLKATA
12	255180	2927/KOLNP/2007	01/02/2006	01/02/2005	METHOD FOR PRODUCING UNSATURATED FATTY ACID	LG CHEM, LTD	14/09/2007	KOLKATA
13	255182	2678/KOLNP/2006	21/02/2005	19/02/2004	A SUBSTANTIALLY FORMALDEHYDE-FREE DUCT LINER.	SAINT-GOBAIN ISOVER	01/06/2007	KOLKATA
14	255183	494/KOL/2006	24/05/2006	27/05/2005	REFRIGERATION LUBRICANT COMPOSITION	NOF CORPORATION	22/06/2007	KOLKATA
15	255184	1421/KOLNP/2008	23/11/2006	23/11/2005	SHELL CATALYST, IN PARTICULAR FOR OXIDATION OF METHANOL TO FORMALDEHYDE, AND ALSO METHOD FOR PRODUCTION THEREOF	SUD-CHEMIE AG	26/12/2008	KOLKATA
16	255185	2642/KOLNP/2007	08/02/2006	08/02/2005	A PROCESS FOR PRODUCING THE HIGH-CONCENTRATION CARBURIZED/LOW STRAIN QUENCHED MEMBER	PARKER NETSUSHORI KOGYO K.K.	31/08/2007	KOLKATA
17	255186	1083/KOLNP/2007	26/09/2005	27/09/2004	METHOD AND DEVICE FOR MANUFACTURING A PROFILED FLEXIBLE BEAD	SAINT-GOBAIN GLASS FRANC	13/07/2007	KOLKATA
18	255187	2903/KOLNP/2007	19/01/2006	19/01/2005	A METHOD OF REDUCING PARTICULATE EMISSIONS FROM A DIESEL ENGINE	CLEAN DIESEL TECHNOLOGIES, INC.	14/09/2007	KOLKATA

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