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का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

01st March, 2013

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**THE PATENT OFFICE
KOLKATA, 01/03/2013**

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

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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, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>		

Website: www.ipindia.nic.in

www.patentoffice.nic.in

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

पेटेंट कार्यालय
कोलकाता, दिनांक 01/03/2013
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 :-

<p>1</p> <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: cgpdmtm@nic.in</p>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल 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, लक्षद्वीप</p>
<p>2</p> <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>	<p>5</p> <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>
<p>3</p> <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 ।

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है ।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.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 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.269/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

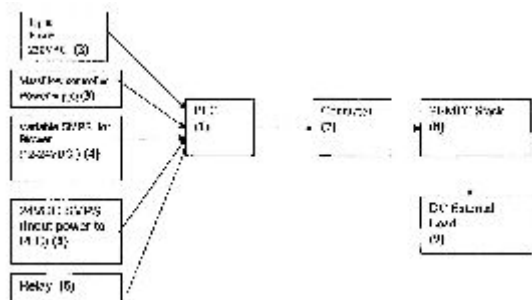
(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED TEST CONTROL SYSTEM USEFUL FOR FUEL CELL STACK MONITORING AND CONTROLLING

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIAL
(33) Name of priority country	:NA	(ARCI), GURGAON
(86) International Application No	:NA	Address of Applicant :PLOT NO. 102, SECTOR-44,
Filing Date	:NA	INSTITUTIONAL AREA, GURGAON-122003, HARYANA
(87) International Publication No	: NA	India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAVERIPATNAM SAMBAN DHATHATHREYAN
(62) Divisional to Application Number	:NA	2)NATARAJAN RAJALAKSHMI
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved test control device useful for controlling and monitoring of fuel cell stacks which comprises a PLC (1) one of the inputs being connected to a Ac power supply (2), another input being connected to a Mass Flow controller power supply unit (3), yet another input being connected to a variable Small power supply unit (SMPS) (4) for operating the blower for the fuel cell, another input being connected to a DC Power supply (5) and another input being connected to a Relay switch (6) , the output of the PLC (1) being connected to a contactor switch (7), which is capable of being connected to a fuel cell stack (8)



No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : APPARATUS AND A METHOD FOR ACHIEVING BOLT TORQUE, DETECTING THE NUMBER OF BOLTS AND FASTENING THE BOLTS THEREON

(51) International classification	:F16B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Makino Auto Industries (P) Ltd.
(32) Priority Date	:NA	Address of Applicant :D-146-148 Sector 63 Noida 201 301
(33) Name of priority country	:NA	U.P. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHANDARI Ashok
(87) International Publication No	: NA	2)BHANDARI Rajat
(61) Patent of Addition to Application Number	:NA	3)BHANDARI Rishubh
Filing Date	:NA	4)SHARMA Sunil
(62) Divisional to Application Number	:NA	5)SHARMA Himanshu
Filing Date	:NA	6)BISHT Jyoti

(57) Abstract :

An apparatus for automatically fastening a plurality of bolts simultaneously on a clutch assembly is disclosed. The apparatus comprises of an arrangement for holding the clutch assembly in an assembled state, such that the clutch assembly have the plurality of bolts provided thereon for holding the clutch assembly in an assembled state and an arrangement for fastening the bolts by rotating the plurality of bolts simultaneously, such that the plurality of bolts are rotated at a predefined torque level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.179/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : INSTANT TEA TABLET, AN ARTICLE AND A METHOD OF MAKING THE SAME□

(51) International classification

:A23F

(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)Biju Karunakaran

Address of Applicant :Sarala Mandiram, Vanchiyoor (P.O.),
Alamcode TVM, Kerala, India.

(72)Name of Inventor :

1)Biju Karunakaran

(57) Abstract :

The present invention relates to the process of producing instant tea tablets. In one embodiment it involves the step of extracting one or more ingredient from a plurality of tea leaves, where the extraction is carried out by boiling tea leaves in the enclosed vessel to eliminate the external matters; drying the extracted ingredient to form a large number of fine particles, where the drying is carried out in the room temperature; compressing the fine particles to form a tablet; coating of solidified milk over the outer layer of the tablet as break up coating and coating the tablet with sugar syrup over the milk coated mixture to form an instant tea tablet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.210/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : REGENERATION ELECTRICAL POWER FROM HYDRAULIC SYSTEM

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHENDIRAN. S
(32) Priority Date	:NA	Address of Applicant :PUDUPALAYAM,
(33) Name of priority country	:NA	ARPISANPALAYAN POST, VILLUPURAM DISTRICT - 605
(86) International Application No	:NA	108 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHENDIRAN. S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Today Electrical power saving is one of the important factors, because our usage of electrical load increasing day by day, our generating power decreasing day by day compare to our electrical load. In this condition our factory or electrical load will not run full time. In this situation we will use another source that is energy saving system. In this way our electrical load will not reduced at the same time our regeneration /reconvention powers will compensates. This project is developed for Regeneration of electrical power plant from hydraulic system. This is related to a new process for Regeneration of electrical power from hydraulic system. The hydraulic pump/ any liquid pump are working through electricity power from electricity board. The hydraulic /any liquid pump will convert high pressure liquid this pressurized liquid using in Automation, CNC machine application, after complete application hydraulic oil return to the hydraulic tank. Hear pressurized hydraulic oil is converted into electrical energy through Regeneration Electrical power plant. Regeneration Electrical power is taken to the any electrical load/any electrical load through transmission line.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.222/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR FACILITATING ELECTRONIC TRANSACTIONS ON INTEGRATED TRANSACTION TERMINAL

(51) International classification

:G06Q

(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)KANHATECH SOLUTIONS LIMITED

Address of Applicant :#74, 5th Floor, Prestige Feroze Building, Cunningham Road, Bangalore 560052, Karnataka, India.

(72)Name of Inventor :

1)Kumar Chellappan Kushal

(57) Abstract :

Embodiments of the present disclosure relate to system and method for facilitating electronic transactions on an integrated transaction terminal. In an embodiment, the integrated transaction terminal determined presence of users in a predetermined area. Then, the user and the integrated transactional terminal are authenticated using biometric information, location information, unique device identification etc. Finally, the payment is made by user without swiping of physical cards or other payment instruments. The present disclosure related to frictionless payment method with multi-level authentication.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.394/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : GREEN HOUSE PUMP

(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B.M. RESEARCH LAB PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :12, KAMARAJ STREET,
(33) Name of priority country	:NA	MADIPAKKAM, CHENNAI - 600 091 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATHAN BABU BASKAR
(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 12v battery connected in series with a relay which powers the compressor and the diaphragm valve are connected to PVC chambers through an inlet line. The inlet line consists of a foot valve at the suction end and a swing check valve at the delivery end as represented in the diagram. When the compressor is powered up, pumps out the air column in the PVC chambers and creates a vacuum. This vacuum along with atmospheric pressure creates a huge suction pressure in the inlet, this forces the water from the resource to the PVC chambers connected with a water level controller and a swing check valve at the delivery end. Once the chamber is filled, the water level controller is triggered and the second PVC chamber will be filled. Simultaneously, the swing check valve will release water in the first chamber. This is achieved in continuous cycles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1269/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : DIAGNOSTIC KIT, PRIMERS AND METHOD FOR SEX DETERMINATION IN CHICKS AND ADULTS OF AVIAN SPECIES

(51) International classification	:C12Q, A01K	(71) Name of Applicant : 1)PROJECT DIRECTORATE ON POULTRY
(31) Priority Document No	:NA	Address of Applicant :RAJENDRANANGAR,
(32) Priority Date	:NA	HYDERABAD - 500 030 Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)TARUN KUMAR BHATTACHARYA
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 provides an easy, fast, user friendly kit, for a pair of primers from ATP5Alw gene to determine sex of the avian chicks and adults. The invention, also provides an easy, fast and effective single tube method of sex determination of the avian chicks and adults, comprising of the steps of collection of feather follicles from the chicks or adult avian species, steps of polymerase chain reaction (PCR) directly from feather follicles, steps of standarization and gel electrophoresis for determining the sex of the avian chicks and adults.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3097/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : SELF PROPELLED SINGLE ELECTRIC MOTOR OPERATED SINGLE BRUSH HEAD WITH DOUBLE BRUSH, FLOOR SCRUBBER AND DRIER

(51) International classification	:A47L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. RAMASAMY
(32) Priority Date	:NA	Address of Applicant :RKG INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	GANAPATHY, COIMBATORE 641 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)K. RAMASAMY
(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 self propelled floor scrubber and drier machine where the scrubbing and cleaning action is done by two independent brushes fitted in a single brush head in a specific angle and operated by a single electric motor which also moves the machine during the scrubbing process

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : AGNI E-POWER SYSTEM [STAND ALONE CLEAN ENERGY POWER SYSTEM FOR PROPELLING AND POWERING A LOAD]

(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

(71)Name of Applicant :

1)S. REGHURAMAN

Address of Applicant :NO. 20, A BLOCK, ICE HOUSE
POLICE QUARTERS, TRIPPLICANE, CHENNAI - 600 005
Tamil Nadu India

(72)Name of Inventor :

1)S. REGHURAMAN

(57) Abstract :

To maintain constant power source to generate electricity is a huge challenge by the conventional and renewable energy power sources as they are not cost efficient and unstable in nature. This present invention relates to a standalone clean power system for generating electrical power by a method and process which is based on clean technology. This present Self Charging Stand Alone Clean Energy power system eliminates the power generation problems by generating clean and non-polluting energy to power a stationary load and propels on- and off-road geared and gearless electric vehicles. A system and method for a power system is also provided for powering a stationary load when a utility grid is unavailable is disclosed. This clean energy power systems process improves operational performance, productivity and efficiency while reducing costs, inputs, energy consumption, waste and environmental pollution.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.420/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : BOOKMARKING SEGMENT OF OFFLINE CONTENT AND ASSOCIATING BOOKMARKS WITH ONLINE CONTENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Ltd
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dhanyamraju S U M Prasad
(87) International Publication No	: NA	2)Yogesh Gupta
(61) Patent of Addition to Application Number	:NA	3)Sivanand Lanka
Filing Date	:NA	4)Ramaraju VS Sekhar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for bookmarking and dynamically associating bookmarks of offline content with online content. The method includes receiving request from a user to bookmark segments of online/offline content and generating bookmarks for the segments of the content. Further, the method includes associating the bookmarks for the segments of the content bookmarked by the user and playing the segments of the content using the bookmarks.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : A ROATARY VANE INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)GUNTAKAL PARASHURAM
(32) Priority Date	:NA	Address of Applicant :202 EMERALD HOUSE,
(33) Name of priority country	:NA	HYDERABAD Andhra Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GUNTAKAL PARASHURAM
(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 square shaft is placed inside cylinder with its axis parallel to that of the cylinder and free to rotate about its own axis. A compound vane mechanism sliding through a rectangular slot cut through the shaft divides the volume of the cylinder into two unequal parts. It is mathematically proved that this arrangement generates compression ratios comparable to those of reciprocating internal combustion engine. This principle is used to construct a four stroke spark ignition internal combustion engine with several advantages over reciprocating internal combustion engine. A photograph of the prototype is also enclosed.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1128/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN ORGANIC SOLAR CELL AND METHODS THEREOF

(51) International classification

:H01L

(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)JAWAHARLAL NEHRU CENTRE FOR ADVANCED
SCIENTIFIC RESEARCH**

Address of Applicant :JAKKUR, BANGALORE 560 064

Karnataka India

(72)Name of Inventor :

1)KAVASSERY SURESWARAN NARAYAN

2)ANSHUMAN JYOTHI DAS

(57) Abstract :

The present disclosure relates to photo voltaic cells that are more efficient and stable than conventional photovoltaic cells. The present disclosure also relates to process for preparing such photo voltaic cells, which is inherently low-cost, less complex and results in a stable device.

No. of Pages : 66 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN ANTI-STICKING COATING FOR SLAG POTS

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALLIED METALLURGICAL PRODUCTS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :201/3, 12TH MAIN, 3RD PHASE,
(33) Name of priority country	:NA	PEENYA INDUSTRIAL AREA, BANGALORE - 560 058
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. V.V. SIVARAM
(61) Patent of Addition to Application Number	:NA	2)MR. ASHISH GADRE
Filing Date	:NA	3)MR. INDRAJIT BOSE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments of the present invention provide an anti-sticking composition and a method of synthesizing the anti-sticking composition. The composition comprises carbon, silicon dioxide, a plurality of binders, an anti-fungal agent, non edible and edible oil and water. The carbon is a micronized carbon based material and is present in an amount of 40-45%. The silicon dioxide is present in an amount of 52-60%. The plurality of binders further includes a combination of organic binders in an amount of 2 - 5 %, plasticizers in an amount of 3-5%, a high temperature binder in an amount of 2-3%. The combination of organic binders includes xanthum gum / gaur gum / CMC and resin. The plasticizers include clay, bentonite, etc. The high temperature binder includes boric acid, phosphoric acid, SHMP/STPP, sodium silicate in the form of powder or liquid. The oil and water form 70% of the composition.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.401/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED WOUND CLOSURE DEVICE

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. BANGALORE N. JAYARAM
(32) Priority Date	:NA	Address of Applicant :2657, 2ND MAIN, V.V. MOHALLA,
(33) Name of priority country	:NA	MYSORE 570 002 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. BANGALORE N. JAYARAM
(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 devices and methods of wound closure. The present invention provides a wound closure device which comprises a first flexible sheet, comprising a wound edge, a second flexible sheet, comprising a wound edge, a skin compatible adhesive layer disposed on a face of each of the first and second flexible sheets wherein each of the flexible sheets are adapted to be placed and secured on either side of the wound, a first row of a plurality of spaced hooks secured at the wound edge of the first flexible sheet, a second row of a plurality of spaced hooks secured at the wound edge of the second flexible sheet and a plurality of rubber bands adapted to be removably secured on the hooks of the first row and the second row across the wound to interleave and couple them together.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5008/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : ELECTRONIC DEVICE TO PROVIDE WHOLISTIC ASSISTANCE TO THE VISUALLY IMPAIRED

(51) International classification

:G09B

(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)GOVINDAN INDUCHOODAN

Address of Applicant :A-4, 104, ADORA, AKSHYA

HOMES, PADUR, CHENNAI - 603 103 Tamil Nadu India

(72)Name of Inventor :

1)GOVINDAN INDUCHOODAN

(57) Abstract :

The said invention is a novel electronic device conceived to assist the visually impaired in many facets of their daily life. It would empower them to read, write, find objects and navigate independently, fostering a hitherto unknown freedom to the visually impaired. The most notable novel embodiments of the invention allow the visually impaired to read from ordinary hardcopy /written material /electronic texts and also allow them to write even long documents independently without the supportive scribe assistance. The device also provides navigational services in lieu of a guide and has special safety features that would identify faces through imaging. The imaging provisions also include object identification and thus by use of markers such as bar codes or other product identities can help them pick out product and allows them freedom for independent shopping. The device doubles up as a mobile station and works with the network to enable them to communicate verbally or through the short messaging service. It can be paired with other electronic equipment to use them or control/manipulate them unaided. The sensitivity of the finger- tips of the visually challenged is the key to their reading and writing functions. Therefore the inventors have taken care to avoid finger fatigue by having provisions for a sensory key board.

No. of Pages : 36 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : REMOTELY MONITORING VEHICLE INFORMATION USING WI-FI DIRECT

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd., 50-53 Greams
(33) Name of priority country	:NA	Road,Chennai 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kumaralingam R
(87) International Publication No	: NA	2)Vengadassalabady R
(61) Patent of Addition to Application Number	:NA	3)Rahul Ganapathy S
Filing Date	:NA	4)Joy Esther S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for remotely monitoring a vehicle using a Wi-Fi Direct (WFD) network. The method includes establishing a WFD based connection with an electronic device in the WFD network and receiving information associated with the vehicle using the WFD based connection. Further, the method includes analyzing the received information based on a plurality of rules and displaying the analyzed information in the WFD network.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4108/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : BRUSHLESS DC MOTOR DRIVEN SYSTEM FOR OPERATION OF SINGLE AND MULTISPINDLE CHARAKHA

(51) International classification

:B23Q

(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)RAJSHEKAR SHANKARAYYA HIREMATH

Address of Applicant :NO. 1674, 27TH MAIN, SECTOR 2,
HSR LAYOUT, BANGALORE - 560 034 Karnataka India

(72)Name of Inventor :

1)RAJSHEKAR SHANKARAYYA HIREMATH

(57) Abstract :

The Brushless DC motor can be attached to any single or multispindle manual charakha to reduce the manual labor and drudgery.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4593/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CLUTCH CONTROL DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES□ NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KANDREGULA SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA	2)YALAMURU RAMACHANDRA BABU
Filing Date	:NA	3)KRISHNABHATTA NAGARAJA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a clutch control device for an internal combustion engine. The invention provides a mechanism for automation of clutch cable actuation. The clutch control device as per the present invention includes a cable quadrant system, a motor and a control system. The cable quadrant system further comprises of an upper casing, a lower casing, a quadrant and a worm gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5149/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A HYBRID SOUND ATTENUATING DEVICE

(51) International classification	:F01N, B60K	(71)Name of Applicant : 1)Mahindra & Mahindra Ltd. Address of Applicant :Mahindra Research Valley Mahindra World City Plot No. 41/1 Anjur P.O. Chengalpattu Kancheepuram Dist Tamilnadu. Kerala 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 Vasantrao Chaudhari
(87) International Publication No	: NA	2)Deguntla Sreekala
(61) Patent of Addition to Application Number	:NA	3)Parvathareddy Lokesh Kumar Reddy
Filing Date	:NA	4)Sureshkumar Balakrishnan
(62) Divisional to Application Number	:NA	5)Mansinh Shamrao Kumbhar
Filing Date	:NA	

(57) Abstract :

A hybrid sound attenuating device comprising a housing defined by an outer shell and an inner shell disposed inside of the housing. The outer shell and the inner shell extend longitudinally between a first end plate and a second end plate. A first perforated baffle is disposed inside of the inner shell at a spaced apart relationship from the first end plate to define a first chamber. A second perforated baffle disposed inside of the inner shell at a spaced apart relation from the first perforated baffle to define a second chamber with the first perforated baffle and to define a third chamber with the second end plate. An inlet pipe adapted to acoustically communicate exhaust gas from internal combustion engine with the second chamber and the third chamber and an outlet pipe adapted to communicate with the third chamber to exit the exhaust gas to the atmosphere.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.540/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : SIX STROKE WATER COOLED INTERNAL COMBUSTION PETROL ENGINE

(51) International classification

:F02B

(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)G. PRAKASH

Address of Applicant :159, SIVANATHAPURAM,
VELLAKOVIL, TIRUPUR - 638 111 Tamil Nadu India

2)R.S. MUGUNTHAN

3)J. VASANTHA KUMAR

4)P.R. DEVA KUMAR

(72)Name of Inventor :

1)G. PRAKASH

2)R.S. MUGUNTHAN

3)J. VASANTHA KUMAR

4)P.R. DEVA KUMAR

(57) Abstract :

The present invention six-stroke internal combustion petrol engine is designed to increase engines efficiency and to reduce the emission overcoming the todays challenges in the engine technology. The less fuel consumption and high engines efficiency is attained by introducing de-ionized or distilled water as a secondary fuel in addition to main fuel. The water used is converted into steam with help of the existing engine temperature without any external support.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.565/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ADMISSION CONTROL IN A BROADBAND WIRELESS NETWORK

(51) International classification	:H04W
(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)WIPRO LIMITED
Address of Applicant :DODDAKANNELLI, SARJAPUR
ROAD, BANGALORE 560 035 Karnataka India
(72)**Name of Inventor :**
1)SAPTARSHI CHAUDHURI
2)IRFAN BAIG

(57) Abstract :

A method, system, and non-transitory computer-readable storage medium for providing admission control in a wireless network are provided. The method may include receiving a RACH-Preamble from a mobile device and determining whether a first set of requirements is satisfied for the received RACH-Preamble. The method may further include transmitting a first response to the mobile device when the first set of requirements is satisfied and receiving a RRC connection request from the mobile device after transmitting the first response. The method may further include determining an establishment cause of the RRC connection request and determining whether a second set of requirements corresponding to the establishment cause are satisfied. The method may further include rejecting the RRC connection request when the second set of requirements is not satisfied.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4106/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SENSING

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES□ NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS □OAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SAMRAJ JABEZ DHINAGAR
(61) Patent of Addition to Application Number	:NA	2)NAGA KAVITHA KOMMURI
Filing Date	:NA	3)HIMADRI BHUSHAN DAS
(62) Divisional to Application Number	:NA	4)LAKSHMINARAYANA PADHI
Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus and method for continuous position sensing of gear shift lever and clutch shift lever having an automatic manual transmission equipped engine supported by a scooter type body frame and having a clutch actuator configured to actuate clutch and shift actuator configured to shift the change gears; a controller for activating the shift actuator and clutch actuator; and a discreet position sensor for sensing the actual position of gear shift lever and clutch shift lever.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.418/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : REMOTELY ACTIVATING AN EVENT IN A VEHICLE USING WI-FI DIRECT

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kumaralingam R
(87) International Publication No	: NA	2)Vengadassalabady R
(61) Patent of Addition to Application Number	:NA	3)Rahul Ganapathy S
Filing Date	:NA	4)Joy Esther S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for remotely activating an event in a vehicle using a Wi-Fi Direct (WFD) network. The method includes establishing a WFD based connection with an electronic device in the WFD network and receiving information associated with the vehicle using the WFD based connection. Further, the method includes remotely activating the events in the vehicle based on the information associated with the vehicle.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.419/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : SYSTEM AND METHOD TO DETECT VIDEO PIRACY

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kumaralingam R
(87) International Publication No	: NA	2)Vengadassalabady R
(61) Patent of Addition to Application Number	:NA	3)Rahul Ganapathy S
Filing Date	:NA	4)Joy Esther S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to management of video files, and more particularly to detecting piracy in video files. The embodiments herein achieve a system and method to detect video piracy by using unique identifiers embedded in escape frames in a video.

No. of Pages : 33 No. of Claims : 28

(54) Title of the invention : 109 THE FAITHFUL WATCH DOG

(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M.V. KANMANI DEVATHASAN
(32) Priority Date	:NA	Address of Applicant :OTTANKADUVETTY,
(33) Name of priority country	:NA	MAMBALAPATTU (POST), VILLUPURAM T.K. 605 302
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M.V. KANMANI DEVATHASAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Specification Invention is 109 The Faithful Watch dog is unique electromagnetic mechanism to make an SOS call to a predetermined cell phone number(s) automatically or manually activated in case of an emergency. 109 the faithful watchdog is attached with mobile phone(s) with active sim cards. What is used for 1. 109 Faithful WatchDog to Safeguard Your Loved Ones and Home/industries/shops from burglars when you are not around, it provides alert to mobile phone. 2. Ingenious gadget that can prevent burglary, theft, break-ins etc How 109 Faithful WatchDog Works This is an AC cum DC operated easy to install and maintain device that can be fit anywhere in the house/shops/industries and etc with little or no assistance. It has PIR Sensor that is immune to pet movements that keeps scanning the house for intruders. It works in two modes: Active and Passive 1. Active: Leave the device in this mode when no one is in the house. 2. Passive: Use the passive mode when defenseless loved ones are in the house. How does 109 Faithful WatchDog Active mode works 1. To activate this mode, just turn on 109 Faithful WatchDog by remote control when no one is in the house/shops/industries and etc.. 2. Once the intruders are detected, the PIR sends the MOTION-DETECTED signals reached to electromagnetic system, it triggers the high decibel alarm which is sounded to alert the neighbors. In the meantime, using integrated mobile phones, the device calls the owners on their mobiles and alerts them about the intruders. 3. The alarm keeps sounding in particular time period then automatically switch off. 4. This mode does not detect pets or rodents. This prevents false alarms. How does 109 Faithful WatchDog Passive Mode Works 1. Keep the device in passive mode when the defenseless loved ones are at home: women, children and the elderly. 2. If burglar breaks-in, holds people at knife point and attempt to loot the place, the device can be activated through a remote control. Or an emergency switch fixed at a discreet place can be switched on automatically and trigger an alarm. The alarm will alert neighbor and simultaneously electromagnetic system will make call to predetermined owners cell phone number; they can take immediate and appropriate action and prevent a crime. 3. Depends on needs, there are multiple ALERT activation points across the house can be attached to this system. These activation points are either wired or wireless. Abstract continues.. Benefits of 109 Faithful Watch Dog 1. Within 5 seconds, make alarm and call to owners when burglar entering the house or the shop. 2. Such quick alerts will prevent the criminal from breaking a locker, opening a bureau or wardrobe or harming the inmates. 3. Simple system, this device will help middle class people in an immense way. It can be purchased for a cost effective price. 4. This device can function both in AC voltage and DC voltage. Which means it can function even when there is no electricity. 5. This device can function day and night. 6. It is a tiny device and can be placed anywhere, anytime. 7. Unlike other security devices this device does not require computer, internet, or CCTV camera. 8. This device does not even require high-end or expensive mobile phones. 9. This device will not be affected by the presence of rodents and cats at home. 10. It is sufficient to recharge the device battery and mobile battery once in three days for just 30 minutes. 11. Almost Zero cost of installing the basic model of the 109 Faithful WatchDog,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.564/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ADMISSION CONTROL IN A BROADBAND WIRELESS NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :DODDAKANNELLI, SARJAPUR
(33) Name of priority country	:NA	ROAD, BANGALORE 560 035 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAPTARSHI CHAUDHURI
(87) International Publication No	: NA	2)IRFAN BAIG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, system, and non-transitory computer-readable storage medium for admission control in a wireless network are provided. The method may include receiving a RRC connection request from a mobile device and determining an establishment cause of the RRC connection request. The method may further include determining whether a set of requirements corresponding to the establishment cause is satisfied and rejecting the RRC connection request when the set of requirements is not satisfied. The set of requirements may include at least one of: signal characteristics of an uplink connection of the mobile device exceeding predetermined threshold signal characteristics for the establishment cause, and the current system occupancy for the establishment cause being less than a predetermined maximum system occupancy for the establishment cause.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.677/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : ENHANCING THE LIFE OF CFL & TFL BY MORE THAN TWICE ANY ADDITIONAL EXPENDITURE

(51) International classification	:H01S	(71) Name of Applicant :
(31) Priority Document No	:NA	1)K.R. RAJEEV
(32) Priority Date	:NA	Address of Applicant :R.G. HOUSE, UNNAVILA,
(33) Name of priority country	:NA	KULATHOOR, UCHAKKADA, P.O, TRIVENDRUM, PIN: 695
(86) International Application No	:NA	506 Kerala India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)K.R. RAJEEV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

By connecting a storage capacitor at the output terminal, the current flowing into the input is increased by the time current flow becomes normal.

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.640/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : A METHOD FOR PREPARING THREE DIMENSIONAL COLLAGEN FIBER MAT USING BENIGN SOLVENT AND PRODUCTS THERE OF

(51) International classification

:C12N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SRI RAMACHANDRA UNIVERSITY

Address of Applicant :NO. 1, RAMACHANDRA NAGAR,
PORUR, CHENNAI - 600 116 Tamil Nadu India

(72)Name of Inventor :

1)ANURADHA ELAMPARITHI

2)ALAN MATHEW PUNNOOSE

3)SARAH KURUVILLA

(57) Abstract :

The present invention discloses a method for forming a three dimensional collagen fiber mat. The method involves dissolving harvested collagen in an environmentally benign solvent system under constant stirring for a predetermined time and temperature to obtain a homogenous solution. Then the homogenous solution was electrospun to form a three dimensional fiber mat. Subsequently the formed three dimensional fiber mat is cross linked with 1-ethyl-3-(3-dimethyl-aminopropyl)-1-carbodiimide hydrochloride (EDC) to form a stable three dimensional fiber mat. Finally the formed stable three dimensional fiber mat was stored in phosphate buffered saline with antibiotics. The invention is characterized in utilizing a mixture of acetic acid and DMSO as benign solvent system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.676/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : EXOFLAP CLONING-A NOVEL, SIMPLE AND EFFICIENT LIGATION-INDEPENDENT CLONING TECHNIQUE USING TAQ DNA POLYMERASE

(51) International classification

:C12N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)G. SUHASA

Address of Applicant :NO.432, 6TH CROSS, MSR NAGAR,
MATHIKERE, BANGALORE - 560 054 Karnataka India

(72)Name of Inventor :

1)G. SUHASA

(57) Abstract :

Provided herein are methods of directional cloning of DNA/cDNA using Taq DNA polymerase using ExoFlap cloning. ExoFlap cloning makes use of flap endonuclease activity and 5 - 3 Exonuclease of Taq DNA polymerase.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.483/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : A DEVICE AND METHOD FOR EYE FIXATION

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORAMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)BOSCH LIMITED
(87) International Publication No	: NA	3)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRANAVA TRIPATHI
(62) Divisional to Application Number	:NA	2)NAKUL GOSWAMI
Filing Date	:NA	

(57) Abstract :

The present invention discloses a device and method for eye fixation for an ophthalmic diagnostic system. The device includes a lens (101) for observing an eye of a person positioned within a housing (102). The device includes a means for generating a light spot (103) which is adapted to generate a light spot at a plurality of positions in the housing. As the light spot for fixing the eye is positioned within the housing of the device, eye fixation is achieved with the same eye (E) which is under observation. A control means (104) is provided to the device for controlling the position of the light spot in the housing (102). Images of the eye fundus can be captured when the eye is fixed and are tagged with the information of the position of the light spot on which the eye was fixed for that image.

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.596/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 01/03/2013

(54) Title of the invention : DESIGN OF GLOBAL ASYNCHRONOUS CONTROLLER

(51) International classification	:G06F, H04L	(71)Name of Applicant : 1)T.N. PRABAKAR Address of Applicant :3, NATESH APARTMENTS, MANGALA NAGAR, NO.01, TOLLGATE Tamil Nadu India 2)G. LAKSHMINARAYANAN
(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)T.N. PRABAKAR
(87) International Publication No	: NA	2)G. LAKSHMINARAYANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a global asynchronous controller to implement asynchronously pipelined systems. The asynchronous controller works with data dependent delay to achieve the speed of fine level pipelined system though it is coarse level pipelined. The basic function of this controller is to arbitrate the data between the stages of an asynchronous system level pipelined application without collisions providing data dependent delay. The scheme is an alternate to conventional asynchronous protocols such as bundled data and dual rail. Delays are implemented using a single counter and repeating data are effectively handled. As the delay estimation is based on the timer counter scheme, it necessitates a method to determine the delay count for every operation. This global asynchronous controller also proposes schemes for self tuning and self testing mechanisms. Finally the global asynchronous controller is suitable to be implemented on both ASIC and FPGA platforms.

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

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.2381/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING A SURGE IN A COMPRESSOR AND RELOCATING A SURGE MARGIN

(51) International classification	:B64D
(31) Priority Document No	:CO2010A000048
(32) Priority Date	:31/08/2011
(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

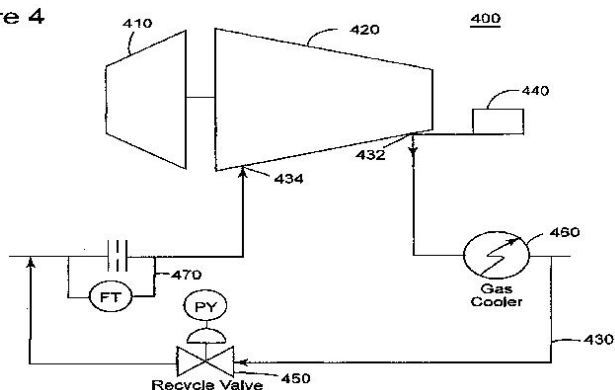
(72)Name of Inventor :

1)GALEOTTI DANIELE

(57) Abstract :

Methods, systems and controllers for detecting a surge event based on pattern of evolution of a discharge pressure of a compressor, and for relocating a surge margin relative to a surge parameter value recorded at the beginning of the surge event are provided. A controller has an interface configured to receive values of the discharge pressure from a compressor, and to output signals and alarms, a surge event detection unit connected to the interface and configured to detect a surge event in the compressor based on evolutions of the discharge pressure, a rate of the discharge pressure and a rate change of the rate, and a surge margin relocation unit connected to the surge event detection unit and the interface, and configured to relocate a surge margin relative to a surge parameter value recorded at a beginning of the surge event. Fig. 4

Figure 4



No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2394/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A MICROWAVE FOR PREPARING INDIAN BREAD BASKET.

(51) International classification	:A61N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LG ELECTRONICS INDIA PVT. LIMITED,
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 51, UDYOG VIHAR,
(33) Name of priority country	:NA	SURAJPUR-KASNA ROAD, GREATER NOIDA-201306 (U.P).
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)CHARU TYAGI,
(61) Patent of Addition to Application Number	:NA	2)YOGESH RATHORE,
Filing Date	:NA	3)KAMLESH RAI
(62) Divisional to Application Number	:NA	4)SOURABH KOHLI
Filing Date	:NA	

(57) Abstract :

This invention relates to a microwave for preparing Indian Bread basket. The bread basket comprising of Naan, Stuffed Naan, Thepla, Appam, Masala Roti, Khasta Paratha, Lachha paratha, Pudina paratha and Rajma paratha etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2408/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : POLYPHENOL ENRICHED ANTIOXIDANT NUTRACEUTICAL PRODUCT AS ADJUVANT THERAPY FOR CANCER CHEMO -PREVENTION AND PROCESS FOR THE PREPARATION THEREOF.

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY-UP, SECTOR-
(33) Name of priority country	:NA	125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHAN PRAKASH
(87) International Publication No	:NA	2)CHARU GUPTA
(61) Patent of Addition to Application Number	:NA	3)HARSHA KHARKWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the process for the preparation of polyphenol enriched nutraceutical product with synergistically enhanced antioxidant, free radical scavenging and antimutagenic activities. The polyphenol enriched antioxidant composition derived from immature green pods of Acacia arabica (Kikar, Babul), green fibres from immature fruit pericarp of Cocus nucifera (coconut) and fruit pericarp of Trapa bispinosa (Water chest nut, Singhara) an agro-waste with strong antioxidant potency with specific combination of polyphenols suitable for use as nutraceuticals, functional foods, designer or medical foods. The nutraceutical composition is with powerful antioxidant activity to protect DNA damage from oxidative stress with antimutagenic and free radical scavenging activities and is suitable for use as adjuvant therapy for the chemo-prevention of cancer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2409/DEL/2011 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : BILIMBI WINE-A NOVEL HYPOCHOLESTEROLEMIC NUTRACEUTICAL

(51) International classification

:C12P

(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)AMITY UNIVERSITY - UP

Address of Applicant :AMITY UNIVERSITY - UP, SECTOR
- 125, NOIDA - 201303, Uttar Pradesh India

(72)Name of Inventor :

1)VARUGHESE GEORGE

2)PALPU PUSHANGADAN

3)AJIT VARMA

4)VIPIN MOHAN DAN

5)DHAN PRAKASH

6)CHANDANA VENKATESWARA RAO

7)CHANDRA SEKHAR NAUTIYAL

(57) Abstract :

The present invention relates to an herbal synergistic hypocholesterolemic composition. The composition comprises the extracts of the fruits of Averrhoa bilimbi, Ellettaria cardamomum and bark of Cinnamomum verum together with sweeteners. The process comprises fermentation of the extracts of the herbs followed optionally by maturing the product into clear wine.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2419/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : DYE ENTRAPPED SOL-GEL FILM BASED TEST STRIP SENSOR FOR NITRITE AND A PROCESS THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SANTHAKUMAR DHANYA
(61) Patent of Addition to Application Number	:NA	2)TALASILA PRASADA RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to test strips that are photo and thermally stable, optically transparent and offer virtually specific absorptiometric sensing of nitrite in natural waters and food products. The process of which is as follows: 1) The entrapment of xanthene dye specifically rhodamine 6G in sol-gel glass. This entrapment is done by delicate balance of coulombic interactions, hydrogen bonding and molecular imprinting effect. 2) In particular, rhodamine 6G entrapped sol-gel layers are formed by first preparing a sol by sonicating a mixture of tetraethoxsilane, water and ethanol for 30 minutes and hydrolysed to form gel by dropwise addition of hydrochloric acid. 3) This gel is further sonicated for 30 minutes after addition of dye and then aged for 15-20 h to obtain dye entrapped sol-gel glass and 4) This is then manually cast as sol-gel films on glass substrates to obtain test strips.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2390/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : REMOTE ACTIVATION OF CAPACITIVE TOUCH SCREEN

(51) International classification

:A61N

(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)MOHAMMAD SUHAIB HUSAIN

Address of Applicant :157 POCKET 1, JASOLA NEW
DELHI-110025, INDIA

(72)Name of Inventor :

1)MOHAMMAD SUHAIB HUSAIN

(57) Abstract :

This invention relates to electronic devices particularly to an arrangement which enables touch-sensitive area of Capacitive Touchscreen to be activated from a remote location connected by conducting wires.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2416/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A BIOLOGICAL PROCESS FOR AOX REMOVAL FROM PULP MILL EFFLUENTS

(51) International classification	:C13D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RITA KUMAR
(61) Patent of Addition to Application Number	:NA	2)ANIL KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a biological process of AOX removal from pulp and paper industrial waste water using a synergistic formulated microbial consortium. Also disclosed herein is a bacterial consortium comprising of the bacterial strains, Pseudomonas areuoginosa (MTCC 5098) and Staphylococcus sps (MTCC 5603) isolated from activated sludge. This said consortium is capable to reduce the AOX from pulp & paper industrial effluent to standard discharge limits. AOX removal from pulp and paper industrial waste water by such biotechnological process is highly effective and economical as compared to conventional chemical means. This biotechnological process may find wide commercial application in pulp mills emanating wastewater.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2417/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A HIGHLY ENANTIOSELECTIVE EPOXIDE HYDROLASE FROM ACHROMOBACTER SP. AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)AHMED KAMAL
(61) Patent of Addition to Application Number	:NA	2)ROHINI KHANNA
Filing Date	:NA	3)CHITYAL GANESH KUMAR
(62) Divisional to Application Number	:NA	4)ANVER BASHA SHAIK
Filing Date	:NA	5)MATAM SHIVA KUMAR

(57) Abstract :

The present invention relates to a novel epoxide hydrolase enzyme which aims to achieve a high degree of resolution towards a broader range of substrates with high enantioselectivity and yields with minimal product inhibition. The invention further relates to a new bacterial strain Achromobacter sp. MTCC 5605 isolated from a petroleum-contaminated sludge sample, capable of producing the said enzyme. It is notable that the enzyme can be used as whole bacterial cell preparation, which allows continuous hydrolysis of substrates at even higher concentration and have an advantage of being recycled. The invention further relates to a process for the hydrolysis of different aryl epoxides which are potential synthons of intermediates for the synthesis of chiral amino alcohols and bioactive compounds like -blockers.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2418/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A PROCESS TO PREPARE INORGANIC MICROPOROUS MATERIALS AND HIERARCHICAL POROUS MATERIALS FROM NATURAL CLAY MATERIALS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI -110001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SINHA ANIL KUMAR
(61) Patent of Addition to Application Number	:NA	2)VERMA DEEPAK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present inventors has discovered that, by using Kaolin, a low-cost aluminosilicate clay mineral, it is possible to synthesize nanoporous materials with micropores and/or mesopores using a micropore template and/or an organosilane as a mesopore template. Mesoporous and microporous materials synthesized by the present invention has advantages, as compared with conventional synthesis, in that it is possible to synthesize microporous aluminophosphates and aluminosilicate molecular sieves as well mesoporous aluminosilicates and aluminophosphates which are hierarchically structured and have a well-crystalline microporous wall structure. Nanoporous material of the present invention is expected to be more cost-effective for application in separation and catalytic reaction of macromolecules of different dimensions as well as in the catalytic processes of petroleum including heavy oil and residue and bulky biomass derived molecules.

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

(54) Title of the invention : METHOD FOR MAKING VACUUM EMBOSSED ROLLER

(51) International classification :B41D
 (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)TZU-MEI TING

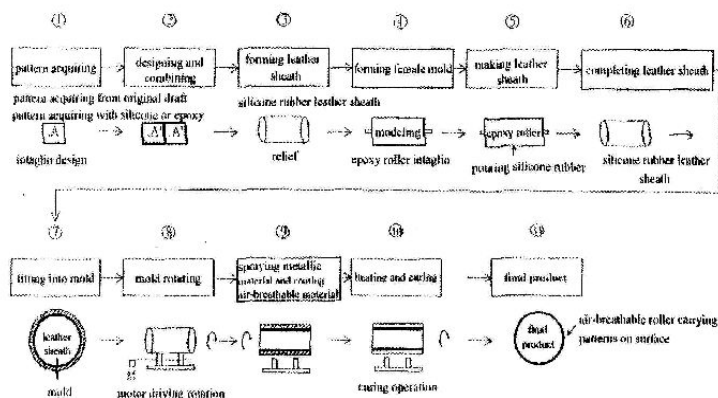
Address of Applicant :NO. 464, MINZU RD., LUZHOU DIST., NEW TAIPEI CITY 247, TAIWAN

(72)Name of Inventor :

1)TZU-MEI TING

(57) Abstract :

The present invention relates to a method for making metallic vacuum embossing roller. In the process of manufacturing the embossing roller, a metallic material is molten with high temperature and high pressure and is sprayed to form a thin film of the metallic material on a surface of a leather sheath. A layer of air-breathable material is then coated on the thin film to provide air breathability and is subsequently removed after being heated for curing to thereby provide a hollow vacuum embossing roller with intaglio. Method for making metallic air-breathable embossing roller



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2441/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : L.P. GAS CONTROLLING SAFETY DEVICE

(51) International classification	:B41F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BILAL AHMAD MIR
(32) Priority Date	:NA	Address of Applicant :HNO.2, SANATNAGAR, KASHMIR
(33) Name of priority country	:NA	19005. Jammu & Kashmir India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BILAL AHMAD MIR
(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 technology based on the simple telephonic calling system. The technology is very handy and important for it ensures accident free use of L.P.G. Cooking System available in our homes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2471/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : NOVEL COMPOSITION OF NATURAL EXTRACTS AS DISINFECTANT, AIR PURIFIER AND HAND SANITIZER.

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR- 125, NOIDA - 201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SWATI KAUSHIK
(87) International Publication No	:NA	2)MEGHA RIKHI
(61) Patent of Addition to Application Number	:NA	3)V.POOJA
Filing Date	:NA	4)SEEMA BHATNAGAR
(62) Divisional to Application Number	:NA	5)ASHWANI K.SRIVASTAVA
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel composition comprising natural extracts which is used as sanitizer and disinfectant. The composition comprises combination of extracts from rose, citrus peel, mace, nutmeg and datura and is effective against a variety of micro organisms that are found in indoor environment. The composition has shown tremendous antimicrobial activity against Escheria coli, Staphylococcus aureus, Streptococcus, Bacillus cereus, Pseudomonas sp., Aspergillu sp., Candida sp., Penicillium and Alternaria sp. The composition is used as aerosols in car as car purifier, as liquid as disinfectant or as soap as hand sanitizer. Being natural these are both environment and human friendly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2473/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : NOVEL BIOACTIVE EXTRACT OF ORANGE PEEL EXHIBITING BACTERICIDAL/BACTERIOSTATIC ACTIVITY AGAINST MICROCOCCUS SPECIES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS
(33) Name of priority country	:NA	SECTOR 125, NOIDA - 201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SWATI KAUSHIK
(87) International Publication No	:NA	2)MEGHA RIKHI
(61) Patent of Addition to Application Number	:NA	3)SEEMA BHATNAGAR
Filing Date	:NA	4)V.POOJA
(62) Divisional to Application Number	:NA	5)ASHWANI K.SRIVASTAVA
Filing Date	:NA	

(57) Abstract :

The present invention relates to a bioactive extract isolated from orange fruit peel exhibiting bactericidal and bacteriostatic activity against Micrococcus species. The orange fruit peel extracts of the invention are prepared using fractional extraction in organic solvents such as ethanol, chloroform butanol, water and ethyl acetate.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2485/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN APPARATUS FOR GENERATING PHASE SHIFTING INTERFEROGRAMS FOR 3-D SURFACE TOPOGRAPHY

(51) International classification	:B61D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI-110016
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA DALIP SINGH
(87) International Publication No	:NA	2)PRAKASH JAI
(61) Patent of Addition to Application Number	:NA	3)INAAM MOHAMMAD
Filing Date	:NA	4)BIRADAR ASHOK MANIKRAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The instant invention relates to an apparatus for generating phase shifting Interferograms for 3D surfacetopography. The invention particularly relates to the development of a common path and non-mechanical scanning phase-shifting lateral shearing interferometer based on modified liquid-crystal cell for generating interference fringes with improved contrast and high-spatial carrier frequency linear fringe pattern. The invention relates the fabrication of liquid crystal cell using a pair of highly conducting ($30 \Omega/\square$) indium tin oxide (ITO) coated glass plates with desired pattern, rubbed polyimide (Nylon 6/6) layer, liquid crystal material, and spacers to maintain desired thickness. The liquid crystal cell was then coated with aluminum oxide on both sides. Thus the modified liquid-crystal cell consists of a semi-reflecting glass-plate and fully reflecting glass plate with liquid-crystal material sandwiched between them. The thickness of the modified liquid-crystal cell was maintained $3 \mu\text{m}$ uniformly using photolithographic technique or Mylar spacers. In the conventional liquid-crystal cells the gap between the two glass plates is maintained homogeneous and such a device generates circular fringe patterns when illuminated with a collimated laser beam and linear fringe pattern when illuminated with a converging laser beam focused on the cell.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2487/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : GEAR RIM WITH ELASTIC CASSETTES

(51) International classification

:B41L

(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)ASHOT TUMASYAN

Address of Applicant :123103, NAB, NOVIKOVA-
PRIBOYA, 3-2, APT, 30, MOSCOW, RUSSIA

2)TATUL ADZHAMYAN

(72)Name of Inventor :

1)DMITRIY A. SALOV

(57) Abstract :

The invention relates to machine building and may be used in large-size mechanism drives. A gear rim comprises a centre which is a whole piece or comprises at least two sectors. At least two elastic tooth cassettes are located on the sectors, each comprising an elastic metal sheet plate with cut teeth and a plate fixture system upon the centre. The invention allows to significantly increase the service life and reduce the total weight of the structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1120/DEL/2002 A

(19) INDIA

(22) Date of filing of Application :08/11/2002

(43) Publication Date : 01/03/2013

(54) Title of the invention : A NON-TOXIC EDIBLE AQUEOUS ENTERIC COATING SUSPENSION FOR USE IN COATING PHARMACEUTICAL TABLETS AND THE LIKE

(51) International classification	:A61K 09/28
(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	:1389/DEL/94
Filed on	:31/10/1994

(71)**Name of Applicant :**
1)BERWIND PHARMACEUTICAL SERVICES, INC.
Address of Applicant :MOYER BLVD., WEST POINT,
PENNSYLVANIA, 19486, USA
(72)**Name of Inventor :**
1)DEV K. MEHRA
2)CHITTAMURU RAMIREDDY
3)LI-JUAN TANG
4)STUART C. PORTER

(57) Abstract :

A non-toxic edible enteric film coating dry powder composition for use in making an aqueous enteric coating suspension which may be used in coating pharmaceutical tablets and the like comprises an enteric film forming polymer, a detackifier, a viscosity modifier, and an alkalizing/anti-coagulating agent. Advantageously, the inventive dry powder compositions may include a solid plasticizer, a lubricant, an anti-caking agent, a liquid plasticizer, and a pigment.

No. of Pages : 54 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2384/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : A NEW SELF PRESSURE CONTROL VALVE

(51) International classification	:B26F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHISH KUMAR SAHU
(32) Priority Date	:NA	Address of Applicant :582KA/373 BEHSA NEAR AMOUSHI
(33) Name of priority country	:NA	AIRPORT KANPUR ROAD LUCKNOW. PIN NO-226013
(86) International Application No	:NA	Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ASHISH KUMAR SAHU
(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 of valve is defined on the bases of working. The valve having metallic body so that the no damage or replacement is need for long time. The valve is work on the condition of heavy flow of liquid or gas. It released the gas on a fix pressure and amount. If the flow of gas or liquid increases automatically the valve stop and control the flow. So that releasing of gas is fixed. The pin is made by Teflon so it is fire proof. Valve is not used any sensor or human interference for controlling the flow of gas. So no need to monitor the flow or adjustment. It is not consume energy. The incoming of gas is not adjust by valve so at a time of refilling of gas is not effected by the valve

No. of Pages : 3 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2385/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : USE OF COBRATOXIN AS AN ANALGESIC

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RECEPTOPHARM, INC.,
(32) Priority Date	:NA	Address of Applicant :PLANTATION, FLORIDA, U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PAUL F. REID
Filing Date	:NA	2)ZHENG HONG QIN
(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 composition of matter for an analgesia and its method of use is disclosed. The method of use is for the treatment of chronic pain, especially to the treatment of heretofore intractable pain as associated with advanced cancer. The pain associated with neurological conditions, rheumatoid arthritis, viral infections and lesions is also contemplated. The method includes administering to a host an alpha-neurotoxin that is characterized by its ability to blocking of the action of acetylcholine at nicotinic acetylcholine receptors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2436/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : MANUFACTURING METHOD OF GRAIN - ORIENTED ELECTRICAL STEEL SHEET

(51) International classification

:B64D

(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)NIPPON STEEL CORPORATION

Address of Applicant :6 - 1, MARUNOUCHI 2 - CHOME,
CHIYODA - KU, TOKYO 100 - 8071 JAPAN

(72)Name of Inventor :

1)YOSHIYUKI USHIGAMI

(57) Abstract :

A silicon steel material is heated in a predetermined temperature range depending on contents of Al, N, Mn, S, and Se (step S1) and a cumulative reduction and the final temperature of rough rolling and the final temperature of finish rolling are set to fall within predetermined ranges and hot rolling is performed (step S2). Through these processes, MnS, and/or MnSe, and AlN are preferentially precipitated in the hot rolling.

No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2492/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : Charging of calls in a communication network

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ALCATEL LUCENT

Address of Applicant :3 avenue Octave Grard 75007 Paris
France

(72)Name of Inventor :

1)PAL Tirthankar

(57) Abstract :

Methods for computing charges for a call in a communication network are described herein. In one implementation the method includes ascertaining whether a call active state of a call in a time slice of the call is held. Based on the ascertaining a hold duration for the time slice may be determined and an actual interaction duration for the call based on the hold duration may be computed. Further a first call duration parameter indicative of the interaction duration of the call may be provided. Additionally charges for the call are computed based in part on a discounted charge schedule.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2493/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESSING MESSAGES IN A COMMUNICATION NETWORK

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave Grard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHAH Parashar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for processing messages in a communication network are described herein. In one implementation the method includes organizing a plurality of messages in an input queue of a communication terminal (102). The plurality of messages can be associated with a sub-event in an event and received from one or more user devices (104). At least one valid message is identified from the plurality of messages based on a validity status of the messages. Further the valid message is processed to extract a response information from the valid message and the response information is compiled to obtain a result of the sub-event in real-time

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2420/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CHEMICAL STRUCTURE RECOGNITION TOOL

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG. NEW DELHI-110001, INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)MUTHUKUMARASAMY KARTHIKEYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for recognition of molecular structures from files and images. More specifically, the present invention relates to harvesting chemical data from hand drawn or digital images and rendering them into suitable forms to reuse said harvested information for simulation and model/remodeling of structure in the field of chemoinformatics.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2460/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A CARBOXYLATED ACRYLONITRILE BUTADIENE LATEX SEAMLESS BLADDER HAVING IMPROVED ADHESION FOR VALVE BODY AND A PROCESS FOR MANUFACTURING THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PREM NATH MAGON
(32) Priority Date	:NA	Address of Applicant :C/O BASTI BABA KHEL,
(33) Name of priority country	:NA	KAPURTHALA ROAD, JALANDHAR CITY - 144021, Punjab
(86) International Application No	:NA	India
Filing Date	:NA	2)ASHWANI MAGON
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PREM NATH MAGON
Filing Date	:NA	2)ASHWANI MAGON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a seamless bladder having improved adhesion for valve body or improved capability to bond with valve body, and wherein the bladder comprises bladder body made from carboxylated acrylonitrile butadiene latex provided with at least one coating of a material selected from the group consisting of compounded neoprene latex [NL] and adhesive grade neoprene latex. In one embodiment, it also relates to process of preparation thereof. In another embodiment, it also relates to an inflatable ball made therefrom.

No. of Pages : 30 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2489/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : ELECTRICAL COMPONENT FOR RAIL MOUNTING

(51) International classification

:H01R

(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)TYCO ELECTRONICS CORPORATION INDIA PVT. LIMITED

Address of Applicant :TE PARK, 22B DODDENAKUNDI,
INDUSTRIAL AREA WHITEFIELD MAIN ROAD,
BANGALORE 560 048, KARNATAKA, INDIA

(72)Name of Inventor :

1)THIRUMURTHY, V.

2)KUMAR, S. JAYANTH

3)THOTA, SURESH N.

(57) Abstract :

An electrical component that is adapted for being mounted onto a rail comprises a first outward-facing slot for receiving a first brim of a rail of a first type, a first outward-facing snap-lock for fixating a second brim of a rail of the first type, a first inward-facing slot for receiving a first brim of a rail of a second type and a first inward-facing snap-lock for fixating a second brim of a rail of the second type.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2501/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : ELECTRONIC DIAPER

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Aakash S/o. SH. J.P. SWAMI
(32) Priority Date	:NA	Address of Applicant :E - 4/66 1ST FLOOR CHITRAKOOT
(33) Name of priority country	:NA	JAIPUR (RAJ.) India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AAKASH S/o. SH. J.P. SWAMI
(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 third part of the invention (in one of the embodiments) is a software application running on an wireless RF (e.g. Bluetooth) enabled computing device (e.g. A mobile phone) which upon receiving the notification from the detector raises an alarm (vibration ringing light or a combination) as per users preferences logs the time of event and post-processes this collected data. This post processing may cover all scenarios including predicting the next wetting time (and hence raising an alarm before actual wetting) uploading the data on the internet for further medical or statistical study or any other use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.471/DEL/2006 A

(19) INDIA

(22) Date of filing of Application :21/02/2006

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD FOR EXTRACTION, COLLECTION, PROCESSING, ANALYZING OF FETAL/NEONATAL UMBILICAL CORD BLOOD AS ALSO ENRICHING, CRYOPRESERVING AND THAWING OF STEM AND PROGENITOR CELLS

(51) International classification	:C12M 03/00	(71)Name of Applicant : 1)SHRIVASTAV, YASHVARDHAN, SHRIVASTAV ANAND
(31) Priority Document No	:NA	Address of Applicant :ENTERPRISE,D-128-129, OKHLA
(32) Priority Date	:NA	INDUSTRIAL AREA, PHASE I, NEW DELHI-110020, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHRIVASTAV, YASHVARDHAN, SHRIVASTAV ANAND
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 for an integrated process to obtain/extract adequate volume of stem and progenitor cells free of contamination from fetal and/or neonatal cord blood comprising: (a) blood collection out of neonatal umbilical cord and/or placenta in an anticoagulant; (b) processing and inspecting of the neonatal cord/placental blood sample of step (a) to ensure its suitability for future use; (c) subjecting the processed sample of step (b) to cryo-preservation; (d) thawing the frozen sample of step (c) and recovering the stem and progenitor cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2374/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR EXTENDING THE NETWORKING COVERAGE BY INTEGRATING HANDHELD/MOBILE DEVICES OPERATING AS PBX EXTENSIONS WITH PBXS AND TO CONSERVE BANDWITH BY COMPRESSING PACKET DATA

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CORAL TELECOM LIMITED
(32) Priority Date	:NA	Address of Applicant :E-2, SECTOR - 63 NOIDA. Uttar
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHRI ARUN SHARMA
(87) International Publication No	:NA	2)SHRI RAJEEV VATS
(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 for seamless call control of voice calls across communication networks by bundling PBX with mobile phones acting as extension of the PBX, comprising : at least one Base station controller. (BSC) and at least one mobile switching center (MSC) disposed within a single box in which the BSC is communicating with the MSC for call control; a common control section embedded in synchronization with all the communication protocols allowing GSM including analogue/digital phones to communicate with each other; an antenna connected to a base transceiver station (BTS) by radio frequency (RF) cable; Radio access Network (RAN) is integrated to the system to act as a private GSM network; Characterized in that the system is incorporated with UCS software package and adapts a Robust Overhead Compression (ROHC) based technique for data compression over Time Division Multiplex (TDM) circuits.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2468/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A PHARMACEUTICAL FORMULATION COMPRISING METFORMIN AND URSODEOXYCHOLIC ACID FOR THE TREATMENT OF FATTY LIVER DISEASE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SANJEEV JAIN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to the combination of Metformin and Ursodeoxycholic acid (UDCA) for the treatment of fatty liver disease. It comprises Metformin in the range of 50mg to 1500mg, preferably 200mg to 1000mg, more preferably 250 mg to 500mg and Ursodeoxycholic acid in the range of 50 mg to 1500 mg, preferably 200 mg to 1000mg, more preferably 250 mg to 500mg.useful for the treatment of a variety of bacterial infections, along with pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2483/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : SPINNING TOP

(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)SHYE CHI ENTERPRISE CO., LTD

Address of Applicant :NO. 100-90, FONGREN RD.,
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(72)Name of Inventor :

1)CHAO-YANG TSAI

(57) Abstract :

A spinning top (2) includes a main body (4) tapering from a top end to a bottom end thereof and having a rotating tip end (40) at the bottom end, and a plate body (3) including a base portion (31) connected to and covering the top end of the main body (4), an annular grip portion (32) extending outwardly and radially from the base portion (31), and a top face (30) defined by top surfaces of the base portion (31) and the annular grip portion (32). The base portion (31) has a central tapered groove (311) tapering downwardly from the top face (30) of the plate body (3). The rotating tip end (40) has a diameter smaller than a smallest diameter of the central tapered groove (311).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5770/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : MUTEINS OF TEAR LIPOCALIN HAVING AFFINITY TO HUMAN C-MET RECEPTOR TYROSINE KINASE AND METHODS FOR OBTAINING THE SAME

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/024,658	1)PIERIS AG
(32) Priority Date	:30/01/2008	Address of Applicant :Lise-Meitner-Str. 30 85354 Freising
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2009/051020	(72)Name of Inventor :
Filing Date	:29/01/2009	1)MATSCHINER Gabriele
(87) International Publication No	: NA	2)HOHLBAUM Andreas
(61) Patent of Addition to Application	:NA	3)HUELSMEYER Martin
Number	:NA	4)TRENTMANN Stefan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel muteins derived from human tear lipocalin having affinity to human c-Met receptor tyrosin kinase (c-Met). The invention also refers to a corresponding nucleic acid molecule encoding such a mutein and to a method for its generation. The invention further refers to a method for producing such a mutein. Finally, the invention is directed to a pharmaceutical composition comprising such a lipocalin mutein as well as to various uses of the mutein..

No. of Pages : 98 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2511/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : A METHOD OF BaMgAl₁₀O₁₇: Eu Mn NANOPHOSPHOR PARTICLES OF NANOROD MORPHOLOGY FOR LUMINESCENT SWITCH

(51) International classification	:B23P15/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Prof. Avinash C Pandey
(32) Priority Date	:NA	Address of Applicant :Nanotechnology Application Centre
(33) Name of priority country	:NA	University of Allahabad India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Raghvendra Singh Yadav
(87) International Publication No	: NA	2)Shiv Kumar Pandey
(61) Patent of Addition to Application Number	:NA	3)Avinash Chandra Pandey
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiment of the present invention includes a method of producing nanophosphor particles of nanorod morphology with diameter 60-100 nm and length 300-600 nm. This nanophosphor can be expressed stoichiometrically by the formula: Ba_xMgAl₁₀O₁₇: Eu_{2+y}Mn_{2+z} where $x = 1 - (y+z)$ $y=0.25$ $z=0.05$. The phosphor nanorods exhibit blue-green emission when excited by UV and VUV excitation light source having a wavelength of 303 nm and 147 nm respectively and emits visible light having a wavelength of 450 nm and 520 nm. Accordingly the blue-green emitting nanorods can be used in LED a lamp PDPs. In particular there exists energy transfer from Eu²⁺ to Mn²⁺ in BaMgAl₁₀O₁₇ phosphor nanorods therefore the Mn²⁺ luminescence can be regulated with the conversion of Eu²⁺ to Eu³⁺ so that the nanophosphor can be employed as a luminescent switch or luminescent sensor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.576/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :07/04/2003

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS TO INCREASE PLASMA FREE CHOLINE LEVEL, COMPOSITION THEREFOR

(51) International classification	:A61K 35/78	(71)Name of Applicant : 1)PAWAN KUMAR VERMA
(31) Priority Document No	:NA	Address of Applicant :554/37/4G/11A, PAWAN PURI,
(32) Priority Date	:NA	ALAMBAGH, LUCKNOW-226 005, Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PAWAN KUMAR VERMA
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 composition for use as an additive in alcohol for human consumption and is useful in ameliorating the effect of alcohol on the human system, said composition comprising a mixture of a choline compound and ascorbic acid, the choline compound being present in an amount of 50 mg to 3000 mg and the ascorbic acid being present in an amount of 50 mg to 4000mg per 70 ml of 100% alcohol.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2494/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED CAPSULAR TENSION SEGMENT FOR SUPPORTING SUBLAXATED CAPSULAR BAG

(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)SATISH CHANDER GUPTA

Address of Applicant :16, BUNGALOW ROAD; KAMLA
NAGAR; DELHI - 110007 India

(72)Name of Inventor :

1)SATISH CHANDER GUPTA

(57) Abstract :

This invention relates to an improved capsular tension ring for subluxated capsular bag during cataract surgery for reducing asymmetrical capsular forces, thereby stabilizing the capsular bag, facilitating phacoemulsification and aspiration of cortex and Intraocular Lens (IOL) implantation, preventing postoperative IOL decentration, resulting a quicker visual recovery and also provides a better and safer alternative to the Ahmed CT segment for fixation of capsular bag to the sclera in cases of subluxated cataracts

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.95/DEL/2001 A

(19) INDIA

(22) Date of filing of Application :31/01/2001

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED METHOD FOR RECOVERY OF CAROTENOIDS FROM CRUSTACEAN WASTE

(51) International classification

:C07C
403/00

(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)COUNCIL OF SCIENTIFIC AND INDUSTRIAL,
RESEARCH**

Address of Applicant :RAFI MARG, NEW DELHI-110 001,
INDIA, AND INDIAN REGISTERED BODY INCORPORATED
UNDER THE REGISTRATION OF SOCIETIES ACT Delhi
India

(72)Name of Inventor :

1)NAKKARIKE MANJABHATTA SACHINDRA

2)NARAYAN BHASKAR

3)PATIRAM ZITUJI SAKHARE

4)NAMADEV SUBBANNA MAHENDRAKAR

5)DITTAKAVI NARASIMHA RAO

(57) Abstract :

An improved method for recovery of carotenoids from crustacean waste, involving the use of a mixture of polar and non polar solvents such as isopropyl alcohol and hexane for extraction of pigments, removal of the polar solvents by washing with saline and concentration of pigments in non-polar solvent under vacuum at low temperature. The process includes selection of suitable solvent mixture, waste to solvent ratio, number of extraction, centrifugation, washing of the extract and concentration under specified conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2182/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : HINGE STRUCTURE FOR AN OPENING-CLOSING MEMBER OF AUTOMOBILE

(51) International classification	:B62D 25/08	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED
(31) Priority Document No	:NA	Address of Applicant :R & D CENTER,AUTOMOTIVE
(32) Priority Date	:NA	SECTOR,89,M.I.D.C.,SATPUR,NASHIK-422007
(33) Name of priority country	:NA	MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAKTHIVEL SENRAYAPERUMAL
(87) International Publication No	:N/A	2)KEDAR PRAKASH GODSE
(61) Patent of Addition to Application Number	:NA	3)ASHISH RAMANLAL PATEL
Filing Date	:NA	4)DHARMENDRASINGH PRAVINSINH MATIEDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a hinge structure (31, 32) adapted to be fixed at upper / lower of an opening-closing member of automobile. A first hinge leaf member(33) intended to be secured to the vertical rear facing face of the right/left of front/ middle/ rear pillar(26) of the automobile body(11) and second hinge leaf member(34) intended to be secured to the fitting face of front /middle/rear opening-closing member(12) having an external cut out(125) for a tool holding bolts for fixing nut in door closed position , when hingedly connected to each other using hinge pin (35) for movement about a hinge axis to form a hinge structure. The said second hinge leaf member has flat-fitting seating face which is provided with two or more separate fitting holes for securance thereof with the fitting face of opening-closing member. The first hinge leaf member also has a flat fitting seating face(33a) , provided with four separate fitting holes, arranged in such manner that no three fitting holes are in straight line, for securance thereof, these four fitting holes are this pattern facilitates towards better structural rigidity. The said first hinge leaf member includes spaced apart two first journal arms (33d,33e) running substantially perpendicular to the said flat fitting seating face between which is received a second journal arm (34d) running substantially perpendicular to flat fitting seating face of the second hinge leaf member. A bore is provided in the journal arm which extends throughout the entire axial length therein, similarly, journal arm are provided with axially aligned bores which extends the entire axial lengths of each of the said respective arms. The said first journal arms of the first hinge leaf member is hingedly connected with the second journal arm(34d) of the second hinge leaf member to define turnable mobility about hinge axis , the hinge leaves are hinged with each other such that there is no axial movement about hinge axis . REFERENCE FIGURES 3 AND 5

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2183/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : NOVEL HOOK HINGE WITH LOCKING MECHANISM FOR MOTOR VEHICLE

(51) International classification	:B60N 2/30	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED
(31) Priority Document No	:NA	Address of Applicant : R&D CENTER,AUTOMOTIV
(32) Priority Date	:NA	SECTOR,89,M.I.D.C.,SATPUR,NASHIK-422007
(33) Name of priority country	:NA	MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SIDDALINGAPPA JIRLI
(87) International Publication No	:N/A	2)VEERA SELVAN K
(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 novel hood 1 hinge with locking mechanism for motor vehicle. The said hinge comprises a first bracket 2 rigidly adapted to be fixed to the hood 1 at rear side of the hood at end corners. A second bracket 3 having stopper hole in middle portion adapted to be fixed to the body of vehicle; a hinge pin (not shown) pivotably engaged to the one end of the said first bracket 2 and second bracket 3. A stopper 5 with biased first spring 6, controlled by cable means 10, mounted in alignment of the said stopper hole so as to engage the said stopper hole. A locking bracket 11 having slot formation in middle portion with one end having hole and other end rigidly fixed to the said first bracket 2 in mid portion such that when the hood 1 is closed the said locking bracket 11 one end moves into the slot made in the base of the said second bracket 3 and the said stopper 5 through the said stopper hole engaging to the said slot and when the said hood 1 opened the said hole at one end of said locker bracket aligns with the stopper hole and gets engaged to the said stopper 5 . A cable 10 engaged the said stopper 5 connected to a second spring 7 biased actuating lever 9 pivotably connected to the third bracket adapted to be fixed to the front end at middle portion of the said hood. REFERENCE FIGURES 1 AND 2

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2312/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : ENZYMATIC SYNTHESIS OF OPTICALLY ACTIVE CHIRAL AMINES

(51) International classification	:C12P 13/00	(71)Name of Applicant : 1)EMBIO LIMITED
(31) Priority Document No	:NA	Address of Applicant :#501, SENTINEL, CENTRAL
(32) Priority Date	:NA	AVENUE ROAD, HIRANANDANI GARDENS, POWAI,
(33) Name of priority country	:NA	MUMBAI-400 076, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SWAMINATHAN GOVIND ARUMUGAM
(87) International Publication No	:N/A	2)JOSHI VAMAN SUNIL
(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 method of production of optically active chiral amine from alpha hydroxy ketone using enzyme transaminase as the biocatalyst. In particular the present invention relates to production of (1R, 2S)-Norephedrine and its salts from R-Phenylacetylcarbinol (R-PAC) by employing S-transaminase as the biocatalyst and Isopropylamine as the amine donor.

No. of Pages : 8 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2331/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :18/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF TELMISARTAN AND INTERMEDIATES THEREOF

(51) International classification	:C07D 403/04	(71)Name of Applicant : 1)AMOLI ORGANICS PVT. LTD., Address of Applicant :407,DALMAL HOUSE,J.B.ROAD,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)PIYUSH PATEL 2)NARENDRA JOSHI
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 :

Abstract A Process for the preparation of Telmisartan of formula 1, and novel intermediates thereof, namely 4'-(bromomethyl)-N-hydroxybiphenyl-2-carboxamide compound of formula (3) and 4'-((1,4'-dimethyl-2'-propyl-2,6'-bi(1H-benzo[d]imidazol)-1'-yl)methyl)-N-hydroxybiphenyl-2-carboxamide compound of formula (5) A present invention for preparation of Telmisartan comprises; a) Converting compound of formula (2) in to its Hydroxamic acid derivative; b) Condensing compound of formula (3) with compound of formula (4) to produce a penultimate intermediate; c) Hydrolyzing compound of formula (5) to produce Telmisartan under suitable conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2351/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : HEAT EXCHANGER ASSEMBLY FOR HEATING ENGINE COOLANT

(51) International classification	:F28F 9/02	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LTD.
(31) Priority Document No	:NA	Address of Applicant :R & D CENTER,AUTOMOTIVE
(32) Priority Date	:NA	DIVISION,89,M.I.D.C., SATPUR,NASHIK-
(33) Name of priority country	:NA	422007,MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATADE VISHNU,KEDARI
(87) International Publication No	:N/A	2)VELUSAMY RAMASAMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat exchange assembly includes a first connecting passage, a heat exchanger device, an exhaust gas cooling device, a bypass passage, a second coolant passage, and an EGR valve. The heat exchanger device facilitates heat exchange between hot exhaust gases and a portion of an engine coolant for extracting heat from the hot exhaust gases, utilizing heat extracted from the hot exhaust gases for heating the engine coolant, and releasing partially heat extracted exhaust gases and delivering heated engine coolant to a radiator of the internal combustion engine. The exhaust gas cooling device receives the partially heat extracted exhaust gases and brings the partially heat extracted exhaust gases in heat exchange relationship with the remaining portion of the engine coolant received therein from said first coolant passage for extracting residual heat from the partially heat extracted exhaust gases for heating the remaining portion of the engine coolant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2352/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR RETENTION OF LOYAL VIEWERSHIP

(51) International classification	:G06F17/00
(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)SAROLKAR MUKUND
Address of Applicant :C-1,PATANG PLAZA,PHASE V,
OPP.PICT COLLEGE, KATRAJ,PUNE-411
046,MAHARASHTRA,INDIA.
(72)**Name of Inventor :**
1)SAROLKAR MUKUND

(57) Abstract :

A system and method for loyal viewership retention is disclosed. The system includes an entertainment booth logic station; a multiplex administration server coupled to said entertainment booth logic station via at least one micro-server for regulating real time audio-video streams and for integrating viewer stimuli with said real time audio-video streams; at least one ticketing kiosk coupled to said entertainment booth logic station to generating digitally streaming audio, video, and printed tickets; and a logic processor coupled to said entertainment booth logic station and said ticketing kiosk for computing in real time, impulse viewers and regular viewers. Other embodiments are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2341/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :18/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHODS FOR TRANSMITTING MOBILE ORIGINATED REQUESTS BY COMMUNICATIONS APPARATUSES WITH SUBSCRIBER IDENTITY CARDS AND COMMUNICATION APPARATUSES UTILIZING THE SAME

(51) International classification

:H04m

1/00

(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)MEDIA TEK INC.

Address of Applicant :NO. 1,DUSING RD,1ST.,SCIENCE-BASED INDUSTRIAL PARK,HSIN-CHU,TAIWAN,R.O.C.
Taiwan

(72)Name of Inventor :

1)CHIN-HAN WANG

2)TING-YU WANG

3)YUN-WEN WANG

(57) Abstract :

A method for transmitting a mobile originated request by a communications apparatus with a plurality of subscriber identity cards, performed by a processor of the communications apparatus, is provided. A predefined group is obtained according to a target phone number in response to the mobile originated request, wherein the predefined group comprises the suitable subscriber identity cards that were previously assigned to the target phone number. A preferred subscriber identity card is selected from the predefined group according to a rule, wherein the preferred subscriber identity card has an allowable usage time. The mobile originated request is issued to a called party via the preferred subscriber identity card.

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/08/2010

(21) Application No.2344/MUM/2010 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : PRASUGREL SALTS, POLYMORPHS AND PROCESS FOR PREPARATION THEREOF.

(51) International classification	:C07D 495/00	(71)Name of Applicant : 1)USV LIMITED
(31) Priority Document No	:NA	Address of Applicant :B.S.D. MARG,STATION ROAD, GOVANDI, MUMBAI - 400088. MAHARASHTRA, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SATHE, DHANANJAY GOVIND
Filing Date	:NA	2)MONDKAR, HARISH KASHINATH
(87) International Publication No	:N/A	3)DESHPANDE, MANOJ MADHUKARRAO
(61) Patent of Addition to Application Number	:NA	4)SAWANT KAMLESH DIGAMBAR
Filing Date	:NA	5)HAGAVANE, NITIN NIVRUTTI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparation of Prasugrel or pharmaceutically acceptable salts thereof. The present invention further relates to impurities formed during the synthesis of Prasugrel, their process of preparation and use thereof as reference marker and/or reference standard for determining the purity of Prasugrel.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2361/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/08/2010

(43) Publication Date : 01/03/2013

(54) Title of the invention : A PERSONAL CARE COMPOSITION

(51) International classification	:A61K 8/00	(71)Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED
(31) Priority Document No	:NA	Address of Applicant :165/166 BACKBAY
(32) Priority Date	:NA	RECLAMATION, MUMBAI-400020, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJAGOPAL RAMASUBRAMANIAM
(87) International Publication No	: NA	2)ROY ARINDAM
(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 personal care compositions for improved skin appearance especially for dark skinned consumers. The personal care composition of the present invention comprises a selective combination of an inorganic pigment particle that has a specific light scattering property (reflection of incident light predominantly in the red region) and an organic dye that has a specific light absorption property (absorption of incident light predominantly in the blue region). This selective combination provides for the highly pleasing even skin appearance.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2362/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/08/2010

(43) Publication Date : 01/03/2013

(54) Title of the invention : A PHOTOPROTECTIVE PERSONAL CARE COMPOSITION

(51) International classification	:A61K 8/58	(71)Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED
(31) Priority Document No	:NA	Address of Applicant :165/166 BACKBAY
(32) Priority Date	:NA	RECLAMATION, MUMBAI-400020, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJAGOPAL RAMASUBRAMANIAM
(87) International Publication No	: NA	2)ROY ARINDAM
(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 photoprotective personal care compositions. It is an object of the present invention to provide for benefits of photoprotection over the visible light region while giving the skin a pleasing even appearance. This is achieved by using a selective combination of an inorganic pigment particle that has a specific light scattering property (reflection of incident light predominantly in the blue region) and an organic dye that has a specific light absorption property (absorption of incident light predominantly in the blue region).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2362/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : WINDMILL POWER GENERATION DEVICE

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	1/00	1)Ingole Vijay Tulshiram
(32) Priority Date	:NA	Address of Applicant :104 Ganediwal layout camp Amravati-
(33) Name of priority country	:NA	444602 Maharashtra India
(86) International Application No	:NA	2)Ingole Ashutosh Vijay
Filing Date	:NA	3)Ingole Paritosh Vijay
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Ingole Vijay Tulshiram
Filing Date	:NA	2)Ingole Ashutosh Vijay
(62) Divisional to Application Number	:NA	3)Ingole Paritosh Vijay
Filing Date	:NA	

(57) Abstract :

A windmill power generation device comprising a novel embodiment of the present invention comprising a windmill run by impeller due to wind velocity fixed on a horizontal impeller shaft turned in direction of the wind by a rudder mounted on a rotary component having a crown gear engaging a pinion bevel gear mounted on another shaft preferably at right angle to the impeller shaft and so as to mechanically engaged with the said crown gear rotates the pinion gear preferably at higher revolution and the said pinion-shaft further rotably mounted concentrically on a stationary component rigidly fixed to a strut or a tower and further the said pinion shaft extension coupled through a gear box (optional) to a generator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2363/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : DUEL ROTOR INDUCTION SYNCHRONOUS ELETRIC MACHINE

(51) International classification	:H02K1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Ingole Vijay Tulshiram
(32) Priority Date	:NA	Address of Applicant :104 Ganediwal layout camp Amravati-
(33) Name of priority country	:NA	444602 Maharashtra India
(86) International Application No	:NA	2)Ingole Ashutosh Vijay
Filing Date	:NA	3)Ingole Paritosh Vijay
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Ingole Vijay Tulshiram
Filing Date	:NA	2)Ingole Ashutosh Vijay
(62) Divisional to Application Number	:NA	3)Ingole Paritosh Vijay
Filing Date	:NA	

(57) Abstract :

The present invention comprising a duel rotor induction synchronous electric machine comprising stationery housing within which the electrically wound stator is rigidly mounted within which squirrel cage or wound induction rotor is coaxially aligned and rotatably mounted and rigidly fixed to the concentric shaft and within the induction rotor and the shaft a synchronous rotor having excitation system is coaxially aligned and rotably mounted to run freely and the shaft having extension with key slot is mounted on antifriction bearings and the bearings are further mounted within the bearing housings of the end shields and the end shields are attached to the opposite ends of the stationery housing thus comprising said duel rotor induction synchronous electric machine device working in a wide-range speeds as electric motor, electric generator, rotary condenser with desirable power factor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2365/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : A PROCESS FOR PRODUCING LINEAR ALKYL BENZENES

(51) International classification

:C07C15/02

(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 :

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Address of Applicant :3RD FLOOR,MAKER CHAMBER-IV,222,NARIMAN POINT,MUMBAI 400021, MAHARASHTRA,INDIA.

(72)Name of Inventor :

1)ADURI PAVANKUMAR

2)UPPARA PARASU VEERA

3)SAKHALKAR MANGESH

4)RATNAPARKHI UDAY

5)TRIVEDI PARESH NANUBHAI

6)BHALLA MUNISH

7)JAGADALE NARAYAN MADHAV

(57) Abstract :

In the present disclosure, there is provided a process for preparing alkylated aromatic hydrocarbons by contacting an aromatic hydrocarbon with an alkylating agent that comprises a mixture of at least one C2 to C50 containing olefin and at least one C2 to C50 containing paraffin, in the presence of at least one acid catalyst selected from the group consisting of (i) compounds having the molecular formula of RSO_3H , wherein R is independently selected from the group consisting of alkyl, aryl, halogen, or alkyl halide; (ii) ionic liquid composition comprising (a) at least one cationic precursor selected from the group of compounds consisting of hydrogen donor compounds, tetra alkyl ammonium halide, phosphonium halides or imidazolium bromide; and (b) at least one anionic precursor selected from the group consisting of metal halides and organic halides, at a temperature varying between 35°C and 90 °C, under atmospheric pressure to obtain a hydrocarbon layer containing an alkylated aromatic hydrocarbon.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2375/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF SILODOSIN

(51) International classification	:A61K31/404
(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)CADILA HEALTHCARE LIMITED

Address of Applicant :SARKHEJ-BAVLA N.H. NO.
8A,MORAIYA,TAL.SANAND, DIST.AHMEDABAD-382210,
GUJARAT,INDIA

(72)Name of Inventor :

1)ROY SUNILENDU BHUSHAN

2)KULKARNI SUSHRUT KRISHNAJI

3)HANDA AJAYKUMAR

4)UMA DOSS POTHUVAN

(57) Abstract :

The present invention relates to pharmaceutical compositions of silodosin or salts thereof. In particular, the invention relates to stable pharmaceutical compositions of silodosin or salts thereof with one or more pharmaceutical excipients. The invention also relates to processes for the preparation of such compositions and use thereof for treatment of benign prostatic hyperplasia.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2376/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : BRIDGE BUTTON FOR LIGAMENT RECONSTRUCTION

(51) International classification	:A61B17/56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHINDE PADMAKAR
(32) Priority Date	:NA	Address of Applicant :3 SUKHDHAM SOCIETY. OPP. ST
(33) Name of priority country	:NA	FRANCIS SCHOOL, TIDKE COLONY, NASHIK,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHINDE PADMAKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bridge button, for ligament reconstruction, said button being formed by an arcuate body of pre-defined dimensions such that said button is adapted to sit across a cavity in a bone, said button comprises: an arcuate member, made up of two parallel arcuate elements, each of said two arcuate elements being joined to form an arcuate endless loop with intermittent ridge elements transversely located across the gap from one arcuate element to another arcuate element, thereby forming holes between each of two adjacent ridge elements.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2346/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : POLYURETHANE NATURAL FIBRE COMPOSITES FOAM FOR AUTOMOTIVE APPLICATION

(51) International classification	:B60R 13/08	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED
(31) Priority Document No	:NA	Address of Applicant :R&D CENTER, AUTO SECTOR, 89,
(32) Priority Date	:NA	M.I.D.C.,SATPUR, NASHIK-422007 MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RANGANATHAN SATHISH KUMAR
Filing Date	:NA	2)TANIA THOMAS
(87) International Publication No	:N/A	3)SAJITH P. NAIR
(61) Patent of Addition to Application Number	:NA	4)SYAMAL KUMAR ADHIKARI
Filing Date	:NA	5)MANSINH S. KUMBHAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a flexible polyurethane natural fiber composites prepared by reaction injection molding. The flexible polyurethane natural fiber composites includes polyisocyanate, polyol , coconut fibers, coconut shell powder, wetting agent and dispersion agent. The polyisocyanate is reacted with polyol and thereafter coconut fibers and the coconut shell powder are added along with the wetting agent and dispersion agent during the reaction of the polyisocyanate with the polyol. Figure 1

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2366/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/08/2010

(43) Publication Date : 01/03/2013

(54) Title of the invention : SYNTHESIS OF A NOVEL ODORANT

(51) International classification	:C07C 45/00	(71) Name of Applicant : 1)MR. VAZE KEDAR RAMESH
(31) Priority Document No	:NA	Address of Applicant :S.H. KELKAR AND CO. PVT. LTD,
(32) Priority Date	:NA	LBS MARG, MULUND, MUMBAI-400080, INDIA Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. VAZE KEDAR RAMESH
(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 novel odorant of formula (I) wherein each of R1, R2, R3, R4, R5, R6, R7; R8, R9 and RIO are independently selected from H, CH3, and C2H5; X is selected from -CH2OH, -CH2OCOCH3 and -CHO. n is selected form 0 and 1 the dotted line represents double bond or single bond.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2366/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : ARRANGEMENT FOR PROTECTING A BY-PASS DIODE OF A CONCENTRATOR CELL ASSEMBLY

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	31/04	1)SHAH,KIRAN
(32) Priority Date	:NA	Address of Applicant :A-4,SPRING FLOWER
(33) Name of priority country	:NA	APARTMENT, PANCHVATI,PASHAN,PUNE-411008.
(86) International Application No	:NA	MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHAH,KIRAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An arrangement for protecting components of a solar concentrator cell assembly from direct exposure to high intensity solar radiations is characterized by a solar radiation barrier disposed operatively above the assembly, the barrier being provided with an opening circumscribing a solar cell die of the assembly to guide solar radiations to selectively strike only the solar cell die and shield the other components of the assembly mounted thereon.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2368/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/08/2010

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS FOR PREPARING A TEA PRODUCT

(51) International classification	:A23F 3/20, A23F 3/16	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHOSLE BALAJI MAROTRAO
(33) Name of priority country	:NA	2)GANGAPPA RAJASHEKHAR
(86) International Application No	:NA	3)JAGANATHAN SRIDHARAN
Filing Date	:NA	4)MATHUR SANDEEP
(87) International Publication No	: NA	5)VIRKAR PRAKASH DATTATRAYA
(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 preparing a tea product The present invention relates to a process for preparation of a tea product. The process for preparing a tea product comprises the steps of: a. Adding an aqueous solution or dispersion of a substance selected from the group consisting of sugars, starches or vegetable gums , chicory extract or enzymes or a mixture thereof to black leaf tea to obtain a mixture, and; b. Drying the mixture to a moisture content of less than 10% by weight to obtain a tea product, characterized in that the surface reflectance of the black leaf tea measured with amber tristimulus filter under D65 illuminant is greater than 12%.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2369/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/08/2010

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS FOR PREPARING A TEA PRODUCT

(51) International classification	:a23F 3/20, A23F 3/16	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHOSLE BALAJI MAROTRAO
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for preparing a tea product A process for preparing a tea product according to claim 1 comprises the steps of: a. Adding aqueous solution comprising greater than 5 to 50 parts by weight monosachharide to 50-95 parts by weight black leaf tea to obtain a mixture, and; b. Drying the mixture to a water content of less than 10% by weight to obtain a tea product.

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

(54) Title of the invention : A NOVEL PROCESS FOR SYNTHESIS OF 37 MER PEPTIDE

(51) International classification :C07K7/08
 (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)USV LIMITED

Address of Applicant :B.S.D.MARG,ARVIND VITTHAL
 GANDHI CHOWK, B.S.D.MARG, GOVANDI(E), MUMBAI
 400 088 MAHARASHTRA,INDIA.

(72)Name of Inventor :

1)MOHE,NIKHIL UMESH**2)CHAVRE,PRAFUL SHARMRAO****3)DESHMUKH,BHARTI PRABHAKARRAO****4)MURALIDHARAN CHANDRAKESAN****5)LOBO,LESTER JOHN****6)PAWAR,DIGAMBER SHRIPATI****7)SAKSENA,DIVYA LAL**

(57) Abstract :

A process for the production of pramlintide of Formula 1: H-Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala'-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Val- His-Ser-Ser-Asn-Asn-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr-Asn-Val-Gly-Ser-Asn- Thr-Tyr-NH₂ comprising: a) coupling Fmoc-Tyr(X)-OH to acid labile solid support with substitution value ranging from 0.15-0.60mmol/g, preferably about 0.25-0.35 mmol/g; b) deprotecting the Fmoc protecting group using piperidine in 1 hydroxybenzotriazole (HOBt) in polar aprotic solvent; c) assembling the Fmoc protected amino acids sequentially to yield peptide fragment (21-37) of the formula 2 Fmoc-Asn(Y)-Asn(Y)-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr(X)-Asn(Y)-Val-Gly-Ser(X)-Asn(Y)-Thr (X)-Tyr (X)-Resin; d) coupling Fmoc-Ser(X)-Ser(ΨMe,Me Pro)-OH to N-terminal end of peptide fragment of Formula 2 to yield peptide fragment of Formula 3: Fmoc-Ser(X)-Ser(ΨMe,Me Pro)-Asn(Y)-Asn(Y)-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr(X)-Asn(Y)-Val-Gly-Ser(X)-Asn(Y)-Thr (X)-Tyr (X)-Resin e) further coupling Fmoc-AA-OH to the peptide of formula 3 to yield peptide of formula 4: Fmoc-Lys(Boc)-Cys(Y)-Asn(Y)-Thr(X)-Ala-Thr(X)-Cys(Y)-Ala-Thr(X)-Gln(Y)-Arg(Pbf)-Leu-Ala-Asn(Y)-Phe-Leu-Val-His(Y)-Ser(X)-Ser(ΨMe,Me Pro)-Asn(Y)-Asn(Y)-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr(X)-Asn(Y)-Val-Gly-Ser(X)-Asn(Y)-Thr (X)-Tyr (X)-Resin with a purity of crude peptide of > 30%; f) deprotecting and cleaving the peptide of Formula 4 from the resin, purifying the crude linear peptide by RP-HPLC and further oxidizing the linear peptide to cyclic peptide of Formula 1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2372/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR AUTOMATED RECOMMENDATIONS FOR SOCIAL MEDIA ACTIVITIES.

(51) International classification	:G06Q	(71)Name of Applicant :
	10/00	1)RAMANA CH VENKATA
(31) Priority Document No	:NA	Address of Applicant :C-902,LAKE FLORENCE
(32) Priority Date	:NA	APARTMENTS, CHANDIVALI,MUMBAI-400076,INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMANA CH VENKATA
(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 in a preferred embodiment provides systems and methods for generating automated recommendations for social media activities, the system comprising of: a) a user; b) a computing device; c) a network that allows access to one or more 'social media facilities'; and d) a social media activity recommendation system; wherein the user through the computing device uses the 'social media activity recommendation system' which provides automated recommendations for social media activities in one or more social media facilities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2373/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : MANUAL STICKS MAKING MACHINE.

(51) International classification	:B27B9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PARESHBHAI KASTURBHAI PANCHAL
(32) Priority Date	:NA	Address of Applicant :302 KALPTARU COMPLEX, B/H
(33) Name of priority country	:NA	PREMCHAND NAGAR,SATYAGRAH CHHAVANI
(86) International Application No	:NA	ROAD,SATELLITE,AHMEDABAD 380054 Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PARESHBHAI KASTURBHAI PANCHAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A manual sticks making machine is disclosed. The manual stick making machine comprises at least two sticks cutting rollers secured rigidly on respective shafts. The shafts are supported on a frame one over the other, rotatably. A plurality of gears is provided to rotate the cutting rollers in same direction such that to feed and cut strips into sticks. Manual rotating means are provided to rotate the plurality of the gears and thus to rotate both the cutting rollers in the same direction. Figure 1

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2374/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : MANUAL STRIPS MAKING MACHINE.

(51) International classification	:B26D	(71)Name of Applicant :
(31) Priority Document No	1/00	1)PARESHBHAI KASTURBHAI PANCHAL
(32) Priority Date	:NA	Address of Applicant :302 KALPTARU COMPLEX, B/H
(33) Name of priority country	:NA	PREMCHAND NAGAR,SATYAGRAH CHHAVANI
(86) International Application No	:NA	ROAD,SATELLITE, AHMEDABAD 380054 Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PARESHBHAI KASTURBHAI PANCHAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The manual strips making machine is disclosed. The manual strips making machine has a reciprocating plate having at least one slicing blade secured therewith. The reciprocating plate is mounted on a stationary frame movably such that to cut the bamboo pieces into strips. A manual driving means is provided to give to and fro movement to the reciprocating plate. A bamboo piece feeding channel secured with the main frame being provided over the reciprocating plate to hold the bamboo piece. Figure 1

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2387/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : GUIDE FOR USE IN STEEL ROD/WIRE ROD ROLLING MILL

(51) International classification	:B21B 39/14	(71)Name of Applicant : 1)JFE STEEL CORPORATION
(31) Priority Document No	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-
(32) Priority Date	:NA	ku Tokyo 100-0011 Japan.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)HARA Koji
Filing Date	:NA	2)MARUKAWA Kunihiko
(87) International Publication No	: NA	3)SAKURAI Tomoyasu
(61) Patent of Addition to Application Number	:NA	4)TAKAGI Keiji
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a guide for use in a rolling mill, which guide is capable of controllably adjusting a clearance between rolls without generating a displacement other than a displacement toward the rolls. Specifically, the present invention provides a guide for use in a steel rod/a wire rod rolling mill, the guide being adapted for holding a material to be rolled at a roll inlet side of the rolling mill and guiding the material to caliber rolls, comprising: a pair of guide rolls respectively having holding surfaces formed thereon for holding the material to be rolled therebetween; a pair of roll holders each pivotally supported at the vicinity of the center portion thereof by a guide main body by way of a support shaft, for holding at one end thereof one corresponding guide roll, the roll holders being adapted to hold the guide rolls such that the guide rolls can move toward/away relative to each other when the guide rolls hold the material to be rolled therebetween; a pair of springs for biasing the roll holders toward a pass line, respectively, wherein each of the guide rolls is fixed to a first eccentric bush in a state where the shaft center of the guide roll is eccentric with respect to the first eccentric bush, the first eccentric bush is pivotally supported by a second eccentric bush such that the first eccentric bush is rotatable in a state where the rotation center of the first eccentric bush is eccentric with respect to the second eccentric bush; and the second eccentric bush is pivotally supported by the corresponding roll holder.

No. of Pages : 13 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2011

(21) Application No.2355/MUM/2011 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : CLOSED DUMPING GROUND METHOD

(51) International classification	:B09B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TULASKAR RAMCHANDRA GAJANAN
(32) Priority Date	:NA	Address of Applicant :2/12 DALVI BUILDING, PUNE LINK
(33) Name of priority country	:NA	ROAD, KATEMANIVALI KALYAN (EAST) THANE 421 306.
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)TULASKAR RAMCHANDRA GAJANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Mega Unit will digest all the stored MSW on your dumping ground. This will be done with help of special bacteria, the special cultured worms and specially cultivated trees. The unit will convert all MSW in to soil. The Mega Unit requires three months to complete physical work. The biochemical and geochemical reactions starts in Mega Unit when physical work completed. Micro Unit will take 7 years to fill completely. We can convert Micro Unit to Mega Unit after completely filling it. Then old Mega Unit will be converted to new Micro Unit The same Closed Dumping Ground we can use again and again. We can keep our dumping ground clean and odder free. This is Hygienic MSW destroying method. There is a limited well in between two units which can collect polluted water from MSW. The Closed Dumping Ground will prevent to penetrate polluted water from MSW in to ground water. We can separate maximum part of salts of heavy metals from MSW through this well with help of special vegetation. The water of this well can be used for watering plants on the Closed Dumping Ground only. This water should not be used outside the Closed Dumping Ground and other purpose also.

No. of Pages : 5 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2356/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : RUMPI-C-PAD

(51) International classification

:B43L
1/02

(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)ABDUL KALEEM AB.SALEEM

Address of Applicant :QADRABAD,PBN(M.S) Maharashtra
India

(72)Name of Inventor :

1)ABDUL KALEEM AB.SALEEM

(57) Abstract :

The device is use full to give entrance of well/designed/ furnished educational-sheet /color-sheet in to the moderate slate, as well as hold it for desire period of learning/writing/practicing/ problem solving etc works must to be performed by a learner/student while learning. And allows changing of sheets as per desired by making relaxation of previously used sheet & by allowing entrance further sheets. The device is also useful to write and practice by modern pens available in the market. Device is actually, fill-table-frame/socketer-(3) having plates-(1 & 8) blocks-(4) & lockers-(6) [at both open edges of the frame] with plastically/nylon ally made coior/educational-material-printed sheets-(10 & 11), who in their assembly can be used with pens like sketch-pen/graphic-pen-(12) etc.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2380/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : ACCURATE AND INSTANTANEOUS COMMODITY PRICING INFORMATION SYSTEM

(51) International classification	:G06Q 90/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JAGYASI, BHUSHAN GURMUKHADS
(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 collecting and dissemination of exact and instantaneous commodity pricing information of any market from remote locations with the help of individuals present in the market by utilizing localization application loaded in their mobile phones or base station. The current prices undertaken by individuals in the market is updated in a centralized commodity database which can be queried from any remote location using mobile phone or remote computer over internet. The presence of the information provider is determined by approximating contours of the target premises which minimizes the memory required to store information in the mobile phone. In an alternative embodiment, the instantaneous price information is obtained by connecting electronic transaction payment system with the central commodity database.

No. of Pages : 24 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2394/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : BLISTER PACKAGE FOR PATIENT COMPLIANCE

(51) International classification	:A61J1/03	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC Industrial area
(33) Name of priority country	:NA	Chikalthana Aurangabad - 431210 M.S. India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Choubey Pravir
(87) International Publication No	: NA	2)Kodgule Yogita Mandar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a compliance blister package comprising a matrix of blisters arranged in a plurality of columns and plurality of rows which comprises a combination of one of the fixed dose combination dosage form comprising two or more therapeutically active ingredients loaded into blisters of one of the columns and the other dosage form which comprises one or more of therapeutically active ingredient form loaded into the successive column blisters for once a day administration or concurrent administration.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2377/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : OPTICALLY CONCENTRATED SOLAR FLUID HEATER

(51) International classification	:F24J2/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VINOD KUMAR
(32) Priority Date	:NA	Address of Applicant :C.RLY.COLONY
(33) Name of priority country	:NA	AJNI,NAGPUR(INDIA) Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VINOD KUMAR
(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 Optically Concentrated Solar Fluid Heater comprises an insulated tube arrangement 13, in spiral volute form to facilitate natural convection, as well as to accommodate maximum number of convex lens units at limited space and enhanced residing period for circulating fluid. Array of convex lens units 26 are mounted on the tube, in such a manner that solar beam radiation gets concentrated at focus points where heat absorbing surfaces 11 or the projection of internal fins 4 are provided. This immense heat is effectively augmented through said fins and transferred to the circulating fluid subsequently. The present invention is also equipped with suitable solar tracking system, so that the solar beam radiations are always normal to the lens surface. The invention is capable to cater the requirement of heating of the fluids (preferably liquids) with added advantage of compact design and less start-up time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2391/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : INDOOR LOCALIZATION SYSTEM FOR MOBILE DEVICE WITH INTEGRATION OF WIRELESS AND RFID TECHNOLOGY

(51) International classification	:G06K19/07	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr.Amol Dnyaneshwar Potgantwar
(32) Priority Date	:NA	Address of Applicant :Swastik Row house RH-3 sai shiv
(33) Name of priority country	:NA	nagar opposite to utara nagar nasik-6(MS) India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)Dr. Vijay M.Wadhai
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Mr.Amol Dnyaneshwar Potgantwar
Filing Date	:NA	2)Dr. Vijay M.Wadhai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Following invention relates to the development of device and methodology of Localization using mobile device and more particularly indoor localization using Mobile device with integration of wireless and RFID technology. This invention attempts to address some of the issues like accuracy and challenges with respect to design, usability, and functionality and implementation aspects of Localization using Mobile device with integration of wireless and RFID technology. The invention is described by way of example with reference to the following drawing Fig1 is a schematic view illustrating the architecture used to provide location/context specific information and content to a user via a mobile device with integration of wireless technology and RFID technology. Fig 2 illustrates the sequence diagram for the interaction of the client application when a user visits a location and reads a tag with his mobile phone.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2392/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED HIGH DENSITY POLYPROPYLENE (HDPE) MESH FOR SURGICAL MESHPLASTY

(51) International classification	:F16L9/147
(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)NITIN PRADEEP GUNDRE
Address of Applicant :C/O DR. CHANDRAKANT UGILE,
NAVJEEVAN HOSPITAL, THODGA ROAD, AHMEDPUR -
413 515. DIST- LATUR, MAHARASHTRA.

(72)**Name of Inventor :**
1)NITIN PRADEEP GUNDRE

(57) Abstract :

The present invention related to polyethylene mesh for the surgical meshplasty, more preferably relates to a high density polyethylene (HDPE) mesh for hernia meshplasty which is easy, safe, cost effective and easily affordable. Polyethylene mesh satisfy criteria for 'ideal mesh' i.e., is lighter in weight, has larger pore size, less dense, commonly available & much cheaper as shown in figure 2 and method of preparation of said mesh for said surgery as shown in figure 1 which is a process flow chart of using high density polyethylene (HDPE) mesh for hernia meshplasty and its preparation. The present invention provides sterilization of polyethylene mesh by ETO in order to keep the method of sterilization the same as that of commercially available polypropylene mesh, to minimize the bias. However, it can also be sterilized by autoclaving, because autoclaves use temperature range of 115 to 121 degree centigrades and the melting point of the high density polyethylene mesh is > 134 to 136 degree centigrade. Said mesh can also be sterilized by gamma ray sterilization. Sterilized polyethylene mesh can also be kept in glutaraldehyde solution.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2383/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : MECHANISM FOR OMNI-DIRECTIONAL STEERING USING MECHANICAL LOGIC GATE SYNCHRONIZERS

(51) International classification	:B62D1/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY,POWAI MUMBAI 400076,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ANISH AJIT KULKARNI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention includes a steering Mechanism for a vehicle capable of exhibiting four modes of steering, These steering modes include a 4-wheel steering mode for tight situations (wherein the front wheels steer opposite to the rear wheels), a 2-wheel steering mode for road travel (wherein only the front wheels are steered), and a 4-wheel crab steer mode (wherein the front and rear wheels turn in the same direction) and Zero turn radius. The steering action may be achieved by either solely by manual steering signals or automated steering signals or a combination of both. An electronic circuit monitors the position of the wheels at any time and provides required steering signals to the corresponding wheels to make the wheels turn according to the driver's requirements. One or more motors with one or more gear boxes may be used to induce required automated steering in the wheels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2384/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : DEVICE FOR TRANSFERRING ENERGY BETWEEN TWO FLUIDS.

(51) International classification	:F04B43/113	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHELKE DATTATRAYA RAJARAM
(32) Priority Date	:NA	Address of Applicant :BLOCK NO.35,A-WING, EKDANT
(33) Name of priority country	:NA	APPARTMENT, S.V CHOWK,URAN
(86) International Application No	:NA	DIST.RAJGAD,MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHELKE DATTATRAYA RAJARAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device for transferring energy between a driving fluid and a driven fluid without contacting or mixing with each other, comprising: an elongate central body (44) with a profiled cavity (37, 38) on either side having a respective fluid passage (45,46); a pair of composite outer bodies having a respective fluid IN/OUT passage (35, 36) for fluid communication via a flow diverter valve assembly (15); a pair of assembly of moveable chambers fixed on either side of said central body, disposed inside a composite body; guiding and connecting means (25, 26) passing through inner annular end plate (47, 48) of composite outer body for reciprocating said moveable chambers; wherein said flow diverter valve assembly alternatively diverts the direction movement of said moveable chambers by diverting the flow direction of said fluids by actuation or pulses received on reaching respective end position on either side of said central body; and flow directing valves for alternatively directing the flow direction of the other fluid to/from respective moveable chambers via said fluid passages. Figure 1.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2385/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : ARTESUNATE LYOPHILISED INJECTION

(51) International classification	:A61M5/20
(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)STRIDES ARCOLAB LIMITED
Address of Applicant :NO.201,'DEVAVRATA' SECTOR
17,VASHI, NAVI MUMBAI-400703, MAHARASHTRA,INDIA.
Karnataka India
(72)**Name of Inventor :**
1)CHETLAPALLI, SATYA SRINIVAS
2)RAMACHANDRAPPANIL KUMAR
3)MANDAVILLI,SRIRAMA SARVESWARA RAO

(57) Abstract :

A single vial pharmaceutical formulation comprising a) artesunate; b) solubilizing/alkalizing agent; and c) an organic solvent wherein the said single vial lyophilized formulation can be directly reconstituted for intravenous or intramuscular administration is disclosed. The process for preparation of single vial lyophilized formulation of artesunate is also disclosed herein.

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

(54) Title of the invention : TOWER MOSQUITO COIL

(51) International classification	:A01M13/00, A01M1/00	(71) Name of Applicant : 1)MUNDACHALI KRISHNAN
(31) Priority Document No	:NA	Address of Applicant :NO:16,GAURAV APARTMENTS,
(32) Priority Date	:NA	NAHUR, MULUND, MUMBAI 400080, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NOT SUMMITED
(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 is a novel mosquito repellent coil. While the material composition remains the same (viz-a-viz the conventional mosquito coil), the novelty of the present invention namely, the TOWER MOSQUITO (REPELLENT) COIL resides in its configuration. The consumer encounters three major and two minor problems while using the conventional mosquito repellent coil. These will be fully or partly eliminated by adopting the present invention namely, Tower Mosquito (Repellent) Coil. Instead of the conventional spiraling intertwined double coil configuration presented either in a circular or hexagonal shape, the present invention namely, the tower mosquito (repellent) coil is configured in a square/rectangular non-spiral non-intertwined configuration, making it easy to separate. Since it stands vertical, ash fall area is reduced to a minimal linear area, making it easy to be collected on one flap of the packaging box attached to the coil-stand. Due to its vertical configuration, this coil can be hung on the wall nail. By the vertical configuration the burning arms receive structural support thereby reducing the sagging due to weathering effect. Since the lightening tips stand out away from the body, it is possible to dip these ends in a liquefied compound of phosphorous, gelatin and others to coat it like a matchstick. This, (if so opted) could make it easy to light the tower mosquito coil during damp weather conditions. Even if so desired or required this possibility is not present on the conventional coil, because the lightening ends are joined with body making it impossible to dip in the phosphorous, gelatin liquid, without the liquid infecting the body. Apart from the benefits cited above (and more importantly), because of its square/rectangular configuration the present invention namely the tower mosquito coil reduces packaging, transportation and storage cost by eliminating the four empty corners resulting out of packaging the circular/hexagonal coil in a square box. By this; the use of environment sensitive packaging materials such as forest derived paperboard, corrugated carton and another environment sensitive thin plastic bag come down by 10 to 13.5% compared to the conventional coil. That means the use of energy to manufacture these also come down, apart from the energy used to transport the end product to that extent.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2396/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROGRAMMED DRUG DELIVERY

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC Industrial area
(33) Name of priority country	:NA	Chikalthana Aurangabad - 431210 M.S. India India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dabre Rahul Sudhakar
(87) International Publication No	: NA	2)Uppala Ananda Haranath
(61) Patent of Addition to Application Number	:NA	3)Syed Moinuddin
Filing Date	:NA	4)Jain Girish Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a programmed release press-coated tablet, comprising of a core comprising one or more corticosteroid and optionally along with one or more pharmaceutically acceptable excipients, and a coating surrounding the said core comprising one or more inorganic salts of calcium ions coprocessed with glyceryl behenate, wherein the said core is being disposed within said coating such that the coating thickness around the horizontal edges of the core is less than or equal to the coating thickness around the vertical edges of the core, wherein the dosage form delays the release of the corticosteroid from the core for a period of about 2h to 10h after oral administration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2397/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROGRAMMED DRUG DELIVERY

(51) International classification	:A61K9/01
(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)WOCKHARDT LIMITED
Address of Applicant :D-4 MIDC Industrial area
Chikalthana Aurangabad - 431210 M.S. India Maharashtra India
(72)**Name of Inventor :**
1)Dabre Rahul Sudhakar
2)Jain Girish Kumar

(57) Abstract :

There is provided a press-coated tablet, comprising of a core comprising one or more active substances and optionally along with one or more pharmaceutically acceptable excipients, and a coating surrounding the said core, wherein the said core is being disposed within said coating such that the coating thickness around the horizontal edges of the core is less than or equal to the coating thickness around the vertical edges of the core, wherein the dosage form delays the release of the active substance from the core for a period of about 2h to 10h after oral administration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2398/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROGRAMMED DRUG DELIVERY

(51) International classification

:A61K9/02

(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

: 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)WOCKHARDT LIMITED

Address of Applicant :D-4 MIDC Industrial area

Chikalthana Aurangabad - 431210 M.S. India Maharashtra India

2)WOCKHARDT LIMITED

3)WOCKHARDT LIMITED

(72)Name of Inventor :

1)Dabre Rahul Sudhakar

2)Dabre Rahul Sudhakar

3)Dabre Rahul Sudhakar

4)Jain Girish Kumar

5)Jain Girish Kumar

6)Jain Girish Kumar

(57) Abstract :

There is provided a programmed release pharmaceutical composition, comprising of a core comprising one or more active substances optionally along with one or more pharmaceutically acceptable excipients, a coating, surrounding the said core, comprising one or more inorganic salts of calcium ion co-processed with glyceryl behenate, wherein the said coating delays the release of the active substances from the core for a period of about 2h to 10h after oral administration.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2412/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : NITROGEN CONTAINING COMPOUNDS

(51) International classification	:C01B 21/00, A61K 31/04	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4 MIDC Industrial area Chikalthana Aurangabad - 431210 M.S. India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Patel Mahesh Vithalbhai
(33) Name of priority country	:NA	2)Deshpande Prasad Keshav
(86) International Application No	:NA	3)Bhawasari Satish
Filing Date	:NA	4)Bhagwat Sachin
(87) International Publication No	: NA	5)Jafri Mohammad Alam
(61) Patent of Addition to Application Number	:NA	6)Mishra Amit
Filing Date	:NA	7)Pavase Laxmikant
(62) Divisional to Application Number	:NA	8)Gupta Sunil
Filing Date	:NA	9)Kale Rajesh
		10)Joshi Sanjeev

(57) Abstract :

Compounds of Formula (I), their preparation and use in preventing or treating bacterial infections are disclosed.

No. of Pages : 63 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2413/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/08/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING ACCESS TO LEGAL INFORMATION OR LAW RELATED INFORMATION

(51) International classification	:G06Q 50/18	(71)Name of Applicant : 1)RAMANA Ch Venkata
(31) Priority Document No	:NA	Address of Applicant :C-902 LAKE FLORENCE PHASE I
(32) Priority Date	:NA	LAKE HOMES POWAI 400076 INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAMANA Ch Venkata
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 in a preferred embodiment provides systems and methods for providing or enabling access to legal or law information. The legal or law information may include but is not limited to date of notice, date of hearing, cause list, plaintiff information, change of policy, amendment of law, judgments passed, information of users of the system, and information can be stored or obtained from sources such as but not limited to online sources, court websites, law databases, law journals, one or more user of the system. The systems of the invention comprises of, at least one user, a data processing mechanism, and at least one data storage device. The user and the system may access the legal or law information at anytime either in present or in the future.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2389/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : LASER BASED PROCESS FOR JOINING OF TAPER BUSH AND ROTOR CUP OF A TWO WHEELER AND THREE WHEELER FLYWHEEL MAGNETO.

(51) International classification	:B23K 26/00	(71)Name of Applicant : 1)VIJAY CHHEDA
(31) Priority Document No	:NA	Address of Applicant :13-14 BELMONT PARK,ICS
(32) Priority Date	:NA	COLONY, OFF UNIVERSITY ROAD, PUNE 411
(33) Name of priority country	:NA	007,MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. VIJAY CHHEDA
(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 a method of joining rotor cup to a taper bush comprising the steps of holding together said taper bush and said rotor cup by means of a fixture so that their relative aligned positions can be defined; and welding said held and aligned components together to achieve the welded component such that the parts are joined on the periphery on the outside and or inside, said welding being carried out by a laser welding equipment, thereby providing a reduced height of the new cup.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2408/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A SYSTEM FOR EXTRACTING WATER FROM AIR FOR DRINKING AND CLEANING PURPOSES AND A METHOD THEREOF

(51) International classification	:E03B3/28, B01D53/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Technology Bombay
(32) Priority Date	:NA	Address of Applicant :Powai Mumbai 400076 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Jim Joseph John
(87) International Publication No	: NA	2)Mehul C. Raval
(61) Patent of Addition to Application Number	:NA	3)Chetan Singh Solanki
Filing Date	:NA	4)Anil Kottantharayil
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for extraction of water from air includes a salt plate, a moisture absorption unit and a filter unit. The system further includes a storage unit. A method for extraction of water using the system includes placing the salt plate beneath the moisture absorption unit during a moisture absorption phase and placing the salt plate beneath the filter unit during a water extraction phase. The extracted water is stored in the storage unit for drinking and cleaning purposes. Further, a system for cleaning solar panels includes a moisture absorbing unit, a filter unit, a salt plate, a water storage unit, a solar panel, a wiper mechanism to receive water from the storage unit to clean the solar panel, and support elements to moveably support wiper mechanism. FIG. 1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2409/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN OPTIMUM EMULATOR OF THE DYNAMIC CHARACTERISTICS OF A WIND TURBINE

(51) International classification	:F03D7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Technology Bombay
(32) Priority Date	:NA	Address of Applicant :Powai Mumbai 400076 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. Vivek Agarwal
(87) International Publication No	: NA	2)Rahul Patel
(61) Patent of Addition to Application Number	:NA	3)Bhavik Chaudhari
Filing Date	:NA	4)Rupesh Wandhare
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to emulation of wind turbines. An optimum emulator of the steady-state and dynamic characteristics of a wind turbine is proposed. The principal object of this invention is to propose a method and system for enabling testing of a wind turbine energy system (WE-EEC system) in a laboratory environment, over a wide wind velocity range without increasing the rating of the DC motor. Another object of the invention is to have a wind turbine emulator with improved dynamic response which is able to capture the wind sheer and wind shade dynamics more accurately. FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2410/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : NANOFLUIDS FOR HEAT TRANSFER

(51) International classification	:C09K5/00, F28D15/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAI Beena
Filing Date	:NA	2)CHINEY Abhinandan
(87) International Publication No	: NA	3)GANVIR Vivek
(61) Patent of Addition to Application Number	:NA	4)PRADIP
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an implementation of the present subject matter, a method for producing stable nanofluids is described. The method includes mixing of a base fluid with a dispersant and a metal oxide powder to form a primary mixture. The base fluid is a heat transfer fluid and the metal oxide powder includes particles of size greater than 100nm. The method further includes grinding the primary mixture to obtain a concentrated nanoparticle suspension where the dispersant is added to the primary mixture during the grinding after every pre-determined time period.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2417/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : SYNERGETIC FORMULATION FOR ANTI - TUBERCULOSIS

(51) International classification	:A61K 33/00	(71) Name of Applicant : 1)GENESEN LABS LTD.
(31) Priority Document No	:NA	Address of Applicant :GENESEN LABS LTD., R-75,TTC
(32) Priority Date	:NA	INDUSTRIAL ESTATE, THANE-BELAPUR ROAD,NAVI
(33) Name of priority country	:NA	MUMBAI INDIA 400701. Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ASHWIN A. KHEMKA
(87) International Publication No	:N/A	2)SUNIL B. BARGE
(61) Patent of Addition to Application Number	:NA	3)PRAVIN B. SHEJUL
Filing Date	:NA	4)DHIRENDRA K. PANDEY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention describes a composition for combating Mycobacterium tuberculosis using tuberculosis line 1 and tuberculosis line 3 inhibitors, such as isoniazide and thiacetazone respectively, useful for oral administration and capable for pharmaceutical application. The invention further relates to the pharmaceutical composition of thiacetazone and isoniazide and composition is specifically emphasis on mycobacterium tuberculosis with serious infections. The invention also relates to the process to manufacture of this composition and gives the method or disorder, wherein a treatment with thiacetazone and isoniazide is indicated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2403/MUM/2011 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : ADDITIVE COMPOSITION FOR CONTROL AND INHIBITION OF POLYMERIZATION OF STYRENE, AND METHOD OF PREPARATION AND USE THEREOF

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	12/08	1)DORF KETAL CHEMICALS (INDIA) PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :DORF KETAL TOWER,D'MONTE
(86) International Application No	:NA	STREET,ORIEM,MALAD(W) MUMBAI-
Filing Date	:NA	400064,MAHARASHTRA,INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SUBRAMANIAM, MAHESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to additive composition for control and inhibition of polymerization of styrene, wherein the composition comprises amine and quinone methide, and wherein the amine is polymerization non-inhibitor amine. In one embodiment, the present invention relates to method of preparation and use of additive composition to control and inhibit polymerization of styrene, wherein the composition comprises amine and quinone methide, and wherein the amine is polymerization non-inhibitor amine. In another embodiment, the present invention relates to additive composition for control and inhibition of polymerization of styrene, wherein the composition comprises oxide treated derivative of amine and quinone methide, and wherein the amine is polymerization non-inhibitor amine, and to the method of preparation and use thereof.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2404/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CONFIGURATION ADJUSTMENT DEVICE FOR ROUND STEEL BAR

(51) International classification	:B21B31/20
(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	: 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)JFE STEEL CORPORATION
Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan
(72)**Name of Inventor :**
1)TAKAGI Keiji
2)MARUKAWA Kunihiko
3)SAKURAI Tomoyasu
4)HARA Koji

(57) Abstract :

An object of the present invention is to provide a device which allows the same finishing rolls and the same configuration-adjusting rolls to be continually employed regardless of a certain range of difference in requested radial dimensions of round steel bars. Specifically, the present invention provides a device for adjusting a configuration of a round steel bar which has been subjected to rolling by a hot rolling mill including finishing rolls, comprising: one pair of idle configuration-adjusting rolls and the other pair of idle configuration-adjusting rolls, provided on the downstream side of the finishing rolls, respectively, such that shaft center axes of the one pair of idle configuration-adjusting rolls are inclined by 90° with respect to the shaft center axes of the finishing rolls and shaft center axes of the other pair of idle configuration-adjusting rolls are inclined by 180° with respect to the shaft center axes of the finishing rolls in a cross section in parallel to the shaft center axes of the finishing rolls; and one pair of idle configuration-readjusting rolls and the other pair of idle configuration-readjusting rolls, provided on the in-series downstream side of the two pairs of the idle configuration-adjusting rolls, respectively, such that shaft center axes of the one pair of idle configuration-readjusting rolls are inclined by 45° with respect to the shaft center axes of the finishing rolls and shaft center axes of the other pair of idle configuration-readjusting rolls are inclined by 135° with respect to the shaft center axes of the finishing rolls 1, 1 in a cross section in parallel to the shaft center axes of the finishing rolls.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2405/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD OF GUIDING STEEL BAR MATERIAL

(51) International classification	:B21B39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-
(33) Name of priority country	:NA	ku Tokyo 100-0011 Japan.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARA Koji
(87) International Publication No	: NA	2)MARUKAWA Kunihiko
(61) Patent of Addition to Application Number	:NA	3)SAKURAI Tomoyasu
Filing Date	:NA	4)TAKAGI Keiji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a method of, in holding by guide rolls a steel bar material which has been subjected to rolling by a two-roll mill to have an oval cross configuration, reliably preventing the material from slipping regardless of configurations of rolling-reduction surfaces of roll calibers of the two-roll mill, although a single type of guide rolls is used. Specifically, a steel bar material having an oval cross section is held, on free surfaces thereof not subjected to rolling reduction in a previous pass, by two guide rolls and guided to caliber rolls. A configuration of a holding surface of each of the guide rolls is designed to match a collective configuration of linear relief portions of calibers of a rolling mill of the previous pass. According to the present invention, the steel bar material is prevented from slipping on the holding surfaces of the guide rolls.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2422/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR EMBEDDING METADATA IN MULTIPLEXED ANALOG VIDEOS BROADCASTED THROUGH DIGITAL BROADCASTING MEDIUM

(51) International classification	:H04N5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(33) Name of priority country	:NA	FLOOR,NARIMAN POINT,MUMBAI
(86) International Application No	:NA	400021,MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SINHA , ANIRUDDHA
(61) Patent of Addition to Application Number	:NA	2)SAHA , ARINDAM
Filing Date	:NA	3)PAL , ARPAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for broadcast of additional content such as metadata required for client specific interactive application in an analog domain along with conventional audio, video and PSI or SI data is disclosed. The present invention enables transmission of encoded audio data or EPG data, timestamp information required for audio video synchronization referred to as metadata by embedding such metadata in the pixels of video pixels and then encoding by the standard video encoder to generate an encoded stream. The encoded stream is decoded using the standard video decoder at the receiving station to generate a Composite Video Blanking and Sync (CVBS) analog video signal. From the CVBS signal, the RGB or YUV pixels of the videos are extracted. Finally a data extractor module retrieves the embedded metadata from the RGB or YUV pixels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2423/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A STABLE SOLID ORAL FREE FLOWABLE ESSENTIAL PHOSPHOLIPID FORMULATION

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NEON LABORATORIES LTD.
(32) Priority Date	:NA	Address of Applicant :140,DAMJI SHAMJI INDUSTRIAL
(33) Name of priority country	:NA	COMPLEX, MAHAKALI CAVES ROAD,ANDHERI(EAST),
(86) International Application No	:NA	MUMBAI-400093,MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PARAB, INDIRA
(61) Patent of Addition to Application Number	:NA	2)NARKHEDE, VIRENDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are free flowable, nonsticky essential phospholipid granules with optimum stability, good compressibility suitable for preparation of solid oral tablet formulation. The formulation comprises essential phospholipid derived from soya lecithin as an active ingredient preferably with Adsorbent, Binder, Solubiliser, Disintegrant, and Solvent. The formulation has excellent long term stability, product storage and suitability of use. Also, the invention provides easiest, economical and appropriate method to prepare tablet formulation of essential phospholipids without stickiness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2424/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : NITROGEN CONTAINING HETEROCYCLIC COMPOUNDS

(51) International classification	:C07D 203/00, A61K 31/04	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4 MIDC Industrial area Chikalthana Aurangabad - 431210 M.S. India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Bhagwat Sachin
(33) Name of priority country	:NA	2)Deshpande Prasad Keshav
(86) International Application No	:NA	3)Bhawasari Satish
Filing Date	:NA	4)Patil Vijaykumar Jagdishwar
(87) International Publication No	: NA	5)Tadiparthi Ravikumar
(61) Patent of Addition to Application Number	:NA	6)Pawar Shivaji Sampatrao
Filing Date	:NA	7)Jadhav Sunil Bhaginath
(62) Divisional to Application Number	:NA	8)Dabhade Sanjay Kisan
Filing Date	:NA	9)Deshmukh Vikas Vitthalrao
		10)Dhond Bharat
		11)Birajdar Satish
		12)Shaikh Mohammad Usman
		13)Dekhane Deepak
		14)Patel Piyush Ambalal

(57) Abstract :

Compounds of Formula (I), their preparation and use in preventing or treating bacterial infections are disclosed.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2427/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF PURE S-(-)-9-FLUORO-8-(4-HYDROXYSULFONYLOXY-PIPERIDIN-1-YL)-5-METHYL-6,7-DIHYDRO-1-OXO-1H, 5H-BENZO [I, J] QUINOLIZINE-2-CARBOXYLIC ACID.

(51) International classification :A61K31/437
(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)WOCKHARDT LIMITED

Address of Applicant :D-4 MIDC Industrial area
Chikalthana Aurangabad - 431210 M.S. India Maharashtra India

(72)Name of Inventor :

1)Deshpande Prasad Keshav

2)Bhawasari Satish

3)Joshi Sanjeev

4)Kale Rajesh

5)Deshmukh Vikas Vitthalrao

6)Yeole Ravindra Dattatraya

7)Rane Vipul

8)Patel Mahesh Vithalbhai

(57) Abstract :

Pure S-(-)-9-fluoro-8-(4-hydroxysulfonyloxy-piperidin-1-yl)-5-methyl-6,7-dihydro -1-oxo-1H, 5H-benzo [i, j] quinolizine-2-carboxylic acid and a process for its preparation is disclosed.

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

(54) Title of the invention : METHOD OF PRODUCING DEFORMED STEEL BAR

(51) International classification	:B21B	(71)Name of Applicant :
	1/16	1)JFE STEEL CORPORATION
(31) Priority Document No	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-
(32) Priority Date	:NA	ku Tokyo 100-0011 Japan.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAKURAI Tomoyasu
Filing Date	:NA	2)MARUKAWA Kunihiro
(87) International Publication No	: NA	3)HARA Koji
(61) Patent of Addition to Application Number	:NA	4)TAKAGI Keiji
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide to obtain a deformed steel bar having nodes and four ribs formed thereon by finish rolling using a two-roll mill. Specifically, the present invention provides a method of producing a deformed steel bar, including preparing a finish-rolling mill in a hot continuous rolling system in which plural two-roll mills, each mill including a pair of rolls facing each other, are arranged in series, providing each of finishing rolls of the finish-rolling mill with a circumferential groove around a circumferential surface of the finishing roll, node grooves each formed at the circumferential surface to intersect the circumferential groove, and a bottom groove for rib formation, formed in the groove widthwise center portion of the circumferential groove to extend in the circumferential direction of the finishing roll, and feeding a material through the finishing rolls to form, at a peripheral surface of the material, nodes by the node grooves, as well as ribs by the bottom grooves for rib formation and spread-out of the material into a clearance between the finishing rolls, the method comprising the steps of: designing the bottom groove for rib formation, of each of the finishing rolls, to have a trapezoidal cross section when cut orthogonal to the circumferential direction of the roll, in which cross section a pair of parallel sides is located in a depth direction with one side as a groove bottom being shorter than the other side; adjusting a cross sectional configuration of the material to be rolled by the finishing rolls, to an oval configuration which has a long diameter thereof in a rolling reduction direction by the finishing rolls and satisfies formula (1) below, provided that the long diameter is a_0 , a clearance between bottom surfaces of a pair of the bottom grooves for rib formation is A_1 , and a depth of the bottom groove for rib formation is C , $0.5 \leq (a_0 - A_1)/2C \leq 4.5$ (1) and; subjecting the material to finish rolling by the finishing rolls.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2400/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED CRYSTALLIZATION PROCESS FOR MANUFACTURING SODIUM PERCARBONATE POWDER

(51) International classification	:B01D 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUJARAT ALKALIES AND CHEMICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :P.O.PETROCHEMICALS-391 346,
(33) Name of priority country	:NA	DIST.VADODARA, GUJARAT,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. SUNIL SINHA
(87) International Publication No	:N/A	2)ANIL KUMAR SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	3)KIRANKUMAR R.PATEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The process of manufacturing Sodium Percarbonate powder as per the present invention uses a unique combination of internal stabilizers that permits elimination of the coating step which otherwise would be required in order to produce highly stabilized Sodium Percarbonate. Sodium Percarbonate produced in accordance with the present invention has high stability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2401/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A COMPUTER IMPLEMENT MULTI-LEVEL TRANSACTION AUTORIZATION BANKING SUPPORT SYSTEM AND METHOD THEREOF

(51) International classification	:G06Q40/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EBZ ONLINE PVT.LTD
(32) Priority Date	:NA	Address of Applicant
(33) Name of priority country	:NA	:242,CHANDRASHEKHAR,SHANIWAR PETH,PUNE-
(86) International Application No	:NA	411030,MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)AGASHE,MANDAR
(61) Patent of Addition to Application Number	:242692	2)PHADNIS,SUMEET
Filed on	:22/09/2003	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented system and method for multi-level transaction authorization in a banking support unit. The system includes a data center with a cluster further including: (i) a host for processing transactions, (ii) a security module authenticating and generating a customer personal identification number (PIN), authentication means for authenticating a point-of-sales (POS) terminal, and encryption means for encrypting all information and POS transactions. The system further includes a maker-checker unit further comprising: a token number generator for conducting sensitive transactions on said POS by unique tokens validated for adaptability with said cluster; and an authorization cards array to configured to effectuate multi-level authorization of primary and subsidiary transactions while selectively linking said primary and subsidiary transactions to said token number generator.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3057/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHODS FOR SCHEDULING RADIO ACTIVITIES FOR MULTIPLE RADIO ACCESS TECHNOLOGIE MODULES IN A COMMUNICATIONS APPARATUSES ATILIZING THE SAME

(51) International classification :H04W72/04
(31) Priority Document No :13/220,026
(32) Priority Date :29/08/2011
(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)MEDIA TEK INC
Address of Applicant :NO.1,DUSING RD.1ST.,SCIENCE-BASED INDUSTRIAL PARK,HSIN-CHU 300,TAIWAN,R.O.C.
Taiwan
(72)**Name of Inventor :**
1)YI-TING CHANG
2)CHIH-YUNG SHIH
3)CHEN-WEI HSU
4)CHIA-YI HUANG
5)CHUNG-CHENG YU

(57) Abstract :

A communications apparatus with a processor coupled to a first RAT module in a packet transfer mode for data transfer, a second RAT module in an idle mode and a radio transceiver are provided. The processor receives a reservation request requesting permission to use the radio transceiver for performing a first radio activity from the first RAT module, and determines whether to provide a gap interval during the data transfer of the second RAT module for the first RAT module to use the radio transceiver according to a type of a second radio activity to be preformed by the second RAT module which collides with the first radio activity. When the gap interval is determined to be provided, the second RAT module is unable to use the radio transceiver for performing the second radio activity and the data transfer of the second RAT module is suspended during the gap interval.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.374/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : TRANSPARENT DISPLAY STRUCTURE

(51) International classification	:G02F 1/1335	(71) Name of Applicant : 1)POLYTRON TECHNOLOGIES INC Address of Applicant :No.88 Ln. 1434 Chunri Rd. Taoyuan City Taoyuan County 330 Taiwan R.O.C. Taiwan
(31) Priority Document No	:100216011	
(32) Priority Date	:26/08/2011	
(33) Name of priority country	:Argentina	(72) Name of Inventor :
(86) International Application No	:NA	1)Sam YU
Filing Date	:NA	2)Dalong CHENG
(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 transparent display structure includes two transparent rigid base plates a plurality of light strips arranged therebetween and an interlayer film disposed between the two transparent rigid base plates and light strips. The plurality of light strips may also be disposed on an inner surface of the one of the transparent rigid base plates and the interlayer film be disposed on the peripheries of the inner surfaces of the two transparent rigid base plates facing against each other. The transparent display structure can be directly used as an external wall an outdoor display board or an indoor display divider of the architectural field. Also the transparent display structure is open to planar shape design and curved shape design thereby having high application versatility.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2418/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A NOVEL CRYSTALLINE FORM AM OF CELECOXIB AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07D231/12	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMOLI ORGANICS PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :407,DALAMAL
(33) Name of priority country	:NA	HOUSE,J.B.ROAD,NARIMAN POINT, MUMBAI-400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)PANKAJ KUMAR SINGH
(61) Patent of Addition to Application Number	:NA	2)NARENDRA JOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application provides an improved process for the preparation of novel crystalline Celecoxib form Am of Formula (1) via condensation of 4,4,4-trifluoro-1-[4-(methyl)phenyl]-butane-1,3-dione of formula (2) with 4-sulphonamido phenylhydrazine hydrochloride of Formula (3) in water. The compound of Formula (2) and Formula (3) may prepared by any method, including those that may be known in the prior art. Present invention also provides a process for purification of Celecoxib crystalline form Am, which comprises; 1. Providing a solution of Celecoxib in a mixture of an aliphatic ketone and an aromatic hydrocarbon solvent; 2. Causing crystallization in the solution to obtain a solid precipitate; and 3. Isolating the solid precipitate, resultant product is substantially purified Celecoxib crystalline form Am.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.526/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : APPARATUS CAPABLE OF PROVIDING PAGE RECOMMENDATION AND PAGE RECOMMENDATION METHOD

(51) International classification	:H04L 9/32
(31) Priority Document No	:201110250071.3
(32) Priority Date	:29/08/2011
(33) Name of priority country	:China
(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)MEDIATEK SINGAPORE PTE. LTD.

Address of Applicant :#03-01 SOLARIS NO. 1,
FUSIONOPOLIS WALK, SINGAPORE 138628 Singapore

(72)Name of Inventor :

1)XIAOMENG YAN

2)CHENG-HUNG KO

(57) Abstract :

The invention provides an apparatus capable of providing page recommendation. In one embodiment, the apparatus is coupled to a screen capable of showing a plurality of pages, and comprises a determination module, a classification module, and a displaying module. The determination module determines whether a current page displayed on the screen has enough space for containing a target item to be added to the current page. The classification module classifies the pages into available pages having enough space for the target item and unavailable pages having no enough space for the target item. The displaying module displays a page selector indicating the available pages and the unavailable pages on the screen, and adds the target item to a target page selected from the available pages.

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2429/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD OF ROLLING STEEL BAR

(51) International classification	:B21B	(71)Name of Applicant :
(31) Priority Document No	31/16	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-
(33) Name of priority country	:NA	ku Tokyo 100-0011 Japan.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAKURAI Tomoyasu
(87) International Publication No	: NA	2)MARUKAWA Kunihiro
(61) Patent of Addition to Application Number	:NA	3)HARA Koji
Filing Date	:NA	4)TAKAGI Keiji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a method which enables, when a material is rolled by flat rolls and then caliber rolls, preventing the material rolled by the flat rolls and to be introduced to the caliber rolls from being rotated, to thereby prevent folding defects from being generated by caliber rolling. Specifically, the present invention provides a method of rolling a steel bar, comprising subjecting a material having a rectangular cross section to reduction rolling by flat rolls and then roll forming by caliber rolls to produce a steel bar product, wherein: configuration-adjusting rolling is conducted by configuration-adjusting rolls between the final pass of the reduction rolling and the first pass by first pass caliber rolls of the roll forming such that a roll reduction rate by the configuration-adjusting rolling is at least 15%; caliber surfaces of the configuration-adjusting rolls are adapted to transform four corner portions of the material from the final pass of the reduction rolling to chamfered corner portions having slant corner surfaces such that the slant corner surfaces are, in the rectangular cross section, each inclined by 5° to 45° with respect to a reduction rolling direction of the first pass caliber rolls; and the configuration adjusting rolling is conducted in a state where a surface temperature of the material being rolled is kept at 800° or higher.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2406/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD OF ROLLING STEEL BAR

(51) International classification	:B21B	(71)Name of Applicant :
(31) Priority Document No	31/16	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-
(33) Name of priority country	:NA	ku Tokyo 100-0011 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAKURAI Tomoyasu
(87) International Publication No	: NA	2)MARUKAWA Kunihiko
(61) Patent of Addition to Application Number	:NA	3)HARA Koji
Filing Date	:NA	4)TAKAGI Keiji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to establish a steel bar rolling method which enables obtaining a steel bar product having relatively few surface defects by adjusting a sectional configuration of a material to be introduced to a caliber roll pass for rolling to a configuration adapted to caliber rolls. Specifically, the present invention provides a method of rolling a steel bar, comprising the steps of: preparing a billet or a bloom having a rectangular cross section, a radius of curvature of a contour line at each of four corners of the rectangular cross section being less than 3 % of a short side length of the rectangular cross section; adjusting the radiuses of curvatures of the contour lines of the four corners to at least 3 % of the short side length of the rectangular cross section, respectively, by passing the billet or the bloom through idle roll guides; and rolling the billet or the bloom by passing it through caliber rolls.

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2407/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD OF ADJUSTING CONFIGURATION OF ROUND STEEL BAR

(51) International classification	:B21B31/20
(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	: 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)JFE STEEL CORPORATION
Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan.
(72)**Name of Inventor :**
1)TAKAGI Keiji
2)MARUKAWA Kunihiko
3)SAKURAI Tomoyasu
4)HARA Koji

(57) Abstract :

The present invention proposes a method of adjusting a configuration of a round steel product to successfully improve dimensional precision of the product. Specifically, the present invention provides a method of adjusting a configuration of a round steel bar, comprising the steps of : in producing a round steel bar by a hot rolling mill including finishing rolls, disposing at least a pair of caliber rolls on the exit side of the hot rolling mill such that shaft center axes of the caliber rolls are orthogonal to shaft directions of the finishing rolls of the hot rolling mill, at least a surface layer of each of the caliber rolls being made of cemented carbide; and adjusting by the caliber roll pair a configuration of a material which has been hot finished by the finishing rolls.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3535/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 01/03/2013

(54) Title of the invention : ELECTRICAL SIGNAL CONNECTOR

(51) International classification	:H01R 27/00
(31) Priority Document No	:100215901
(32) Priority Date	:25/08/2011
(33) Name of priority country	:Argentina
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EZCONN CORPORATION

Address of Applicant :3F. No. 12 Lane 121 Lide Road
Beitou District Taipei City Taiwan R.O.C. Taiwan

(72)Name of Inventor :

1)Kai-Chih Wei

2)Ming-Feng Chien

3)Michael Holland

(57) Abstract :

An electrical connector includes a locknut having an annular locating flange, a core tube for receiving the copper core, inner dielectric insulator and aluminum foil shield of a coaxial cable and supporting the braided metal wrapper and outer plastic sheath of the coaxial cable, a casing surrounding the core tube and having first and second tubular deformable portions and a vertical rear stop edge, and a barrel mounted on the casing between the first tubular deformable portion and the locknut and having a tapered inner surface portion and movable to compress the first and second tubular deformable portions against the coaxial cable and the core tube and an annular front stop edge for stopping a crimping tool used to crimp the casing.

No. of Pages : 35 No. of Claims : 11

(54) Title of the invention : AN IMPROVED CHIMNEY TYPE TURRET FOR ULTRA HIGH VOLTAGE LINE LEAD AND BUSHING ADAPTABLE TO HIGH CAPACITY TRANSFORMER

(51) International classification :E04D13/147
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
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 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
 FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

1)SUNIL GOVIND BOKADE

2)GURMEET SINGH GUJRAL

3)SHEKHAR CHAND JAIN

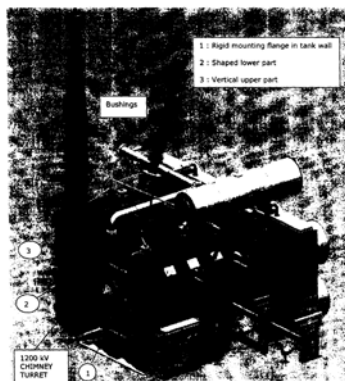
4)RAJESH KUMAR SINGH

5)AMULYA KUMAR DEOTA

6)PRANAY KAMAL DESAI

(57) Abstract :

The present invention is provided with an improved chimney type turret for ultra high voltage line lead and bushing adaptable to high capacity transformer comprises one rightly mounting circular flange in the tank wall of transfer; one cylindrical right angle shaped lower part with support in base; one vertically cylindrical shaped upper part mounted on the lower part; one conical shaped tall turret part disposed vertically mounted on the upper part for fastening bushing; characterized in that said improved turret increases efficiency of transmission to a manifold and enable flow of bulk power to distant locations safely.



No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1115/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : SIMPLIFIED SERVO POSITIONING DEVICE FOR TOOL CHANGING MECHNISM OF CNC MACHINE

(51) International classification	:G05B19/19	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TZU-YUAN YEH
(32) Priority Date	:NA	Address of Applicant :13F, 963, JHONGJHENG ROAD,
(33) Name of priority country	:NA	ZHONGHE DIST., NEW TAIPEI CITY, TAIWAN, REPUBLIC
(86) International Application No	:NA	OF CHINA .
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)TZU-YUAN YEH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A simplified servo positioning device for a tool changing mechanism is provided. The servo positioning device, which is particularly suitable for use in the tool changing mechanism of a computer numerical control (CNC) machine, includes a motor, a driver circuit board, and a control circuit board. In addition, the rear end of the motor rotor is mounted with a position detection magnet, and the control circuit board is provided with a rotor position decoder corresponding in position to the position detection magnet. The number of revolutions and angle of the motor rotor can be precisely controlled by signals input into the control circuit board via an external setting device, so as for the tool changing mechanism to change tools accurately. By incorporating the aforesaid components into the servo positioning device to form an integrated unit, wiring complexity is significantly reduced.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1116/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A METHOD FOR DETERMINATION OF DEVELOPED STRESS IN THE PRESSURE COMPONENTS AND HEAT EXCHANGERS IN A STEAM GENERATOR

(51) International classification	:F22B37/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI-110049, INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SIVANANTHAM DHARMALINGAM
(62) Divisional to Application Number	:NA	2)KALYANARTAMAN KARTHIKEYAN
Filing Date	:NA	

(57) Abstract :

The invention relates to a method to determine stress developed in heat exchanging structure of a steam generator, comprising the step providing an optical sensor means being deployed in the generator; launching light from a light source to be incident on a light reflector via an optical cable; allowing interaction of the reflected light with the incident light to produce an interference pattern at a junction between a light guide and the reflector within the optical sensing means; providing a signal interrogating means to determine modulated values of the interference signal due to change in process parameters corresponding to geometric deformation of the optical sensing means; and providing a signal processor to output a measured profile of stress of the pressure components and heat exchangers based on the inputted measure values of the modulated interference signal.

No. of Pages : 8 No. of Claims : 2

(54) Title of the invention : A METHOD FOR DETERMINATION OF VISCOSITY AND REACTIVITY OF A HARDENER-RESIN MIX FOR IMPROVED IMPREGNATION OF TURBO-GENERATOR IN A VACUUM PRESSURE IMPREGNATION (VPI) PROCESS

(51) International classification :C08G59/06
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
 DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
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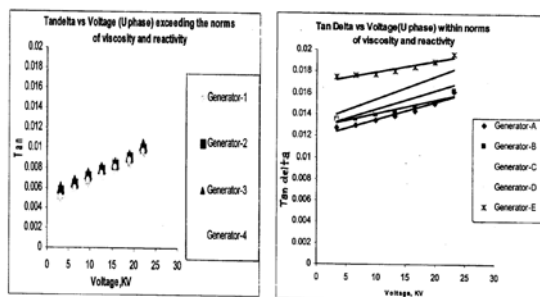
(72)Name of Inventor :

1)VIRENDRA KUMAR

2)RAKESH KUMAR CHOKHANI

(57) Abstract :

The invention relates to a method for determination of viscosity and reactivity of a resin- hardener mix for improved impregnation of turbo-generator in a vacuum pressure impregnation (VPI) process, the method comprising the steps of measuring the viscosity (V) and reactivity (R) at a resin mix, and concluding applicability of the resin- hardener mix, if $V < 40\text{cp}$, and $R < 9\text{cp}$; determining gel-time (t) at impregnation temperature if viscosity (V) and reactivity (R) of the resin mix is more than 40cp and 9cp respectively; rejecting the resin- hardener mix of gel-time (t) is less than 5-hours; determining cure initiation temperature (T) if gel time of the resin- hardener mix is more than 5 hours; rejecting the resin- hardener mix, if $T < 65^\circ\text{C}$; measure the variation of viscosity and reactivity if $T > 65^\circ\text{C}$, and concluding the applicability of the resin- hardener mix, if $V < 40\text{cp}$, and $R < 9\text{cp}$ at impregnation temperature range; and rejecting the resin- hardener mix, if variation of viscosity and reactivity is more that 40cp and 9cp respectively.



No. of Pages : 17 No. of Claims : 2

(54) Title of the invention : A METHOD FOR REDUCING THE AGGLOMERATION, SINTERING, SHRINKAGE AND CHOKING FORMATION RESULTING FROM COMBUSTION OF SOLID FUELS IN FUEL FIRING SYSTEMS

(51) International classification :C22B1/14
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

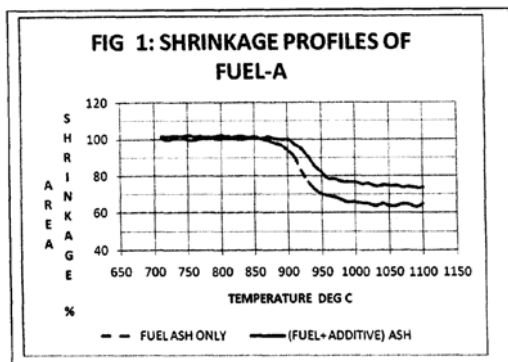
Address of Applicant :REGIONAL OPERATIONS
 DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
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(72)Name of Inventor :

1)AROCKIAM LAWRENCE**2)SRINIVASAN SUNDARARAJAN****3)MANNAR MUTHUKRISHNAN****4)SRIRANAGAM VASUDEVAN SRINIVASAN****5)BALASUBRAMANIAM RAVIKUMAR****6)VELLAYAN ILAYAPERUMAL****7)CHELLAPPA GOUNDER CHANDRABOSE****8)RADHAKRISHNAN RAVI**

(57) Abstract :

The invention relates to a method for reducing agglomeration, sintering, shrinkage, and choking formation in a fuel firing system of a boiler, comprising the steps of :addition of a chemical modifier at an effective amount at the conveyor along with fuel or separately into the combustor, wherein the chemical composition of the additive by weight % of SiO_2 , Al_2O_3 , Fe_2O_3 , TiO_2 , CaO , MgO , Na_2O , K_2O , ignition loss respectively is 85-98, 0-4, 0-4,0-2,0- 2,0-2,0-2,0-2, and 0-2, wherein the chemical composition of the ash generated by weight %of SiO_2 , Al_2O_3 , Fe_2O_3 , TiO_2 , CaO , MgO , Na_2O , K_2O , SO_3 is 40-55,35-42,0-5,1-2,3-10,1-6,0- 3,0-2, and 1-6 respectively, and wherein the effective amount of the additive is between 0- 20% by weight.



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

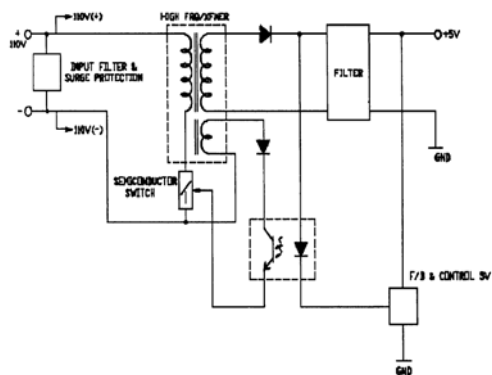
(54) Title of the invention : AN INTELLIGENT CONTROL POWER SUPPLY

(51) International classification :H02M3/155
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)BHARAT HEAVY ELECTRICALS LIMITED
 Address of Applicant :REGIONAL OPERATIONS
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 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
 FORT, NEW DELHI-110049, INDIA
 (72)**Name of Inventor :**
1)BISWAS SANJIT KUMAR
2)THAKUR DURGESH KUMAR
3)INDRANIL CHATTOPADHYAY

(57) Abstract :

The invention relates to an Intelligent Control Power Supply (ICPS) device in 3- phase electro locomotives for control voltage supply of +5V, +/-15V and +/-24V from single DC input of range 77V to 200V, wherein all the outputs of +5V, +15V, -15V, +24V, and -24V are independently regulated via a switch mode regulator and loadable upto 4A, 1.4A, 1.4A, 3A and 3A respectively, wherein the device is enabled to receive pulses of 1.66Hz with duty cycle <0.1% including shut down the power supply with the receipted pulses, and wherein the outputs of the device is automatically recoverable from thermal shutdown once the temperature reduced to a preset hysteresys band.



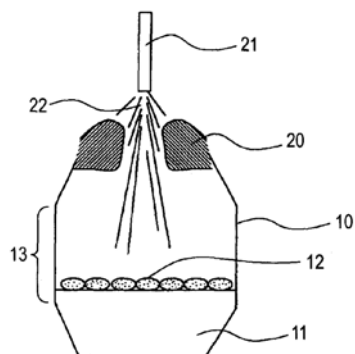
No. of Pages : 20 No. of Claims : 2

(54) Title of the invention : METHOD OF MELTING METAL STUCK TO CONVERTER'S MOUTH

(51) International classification	:C21C5/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-0011 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YUMA IGARASHI
(87) International Publication No	: NA	2)NORIYASU KATO
(61) Patent of Addition to Application Number	:NA	3)TOSHIRO ISHIGE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a method of melting metal stuck to a converter's mouth which can efficiently melt converter-mouth stuck metal while safely and economically preventing the generation of a black smoke or a red smoke at the time of melting the converter-mouth stuck metal by blowing oxygen to the converter-mouth stuck metal from a top-blow oxygen lance in a state where molten iron is charged in the converter during a period from the completion of charging of the molten iron into the converter to starting of blowing of the molten iron. After the molten iron is charged into the converter, a part of or the whole auxiliary raw material (dolomite, lime and the like, for example) used in blowing the molten iron is charged into the converter in advance and, then, the converter-mouth stuck metal is melted by blowing oxygen to the converter-mouth stuck metal from the top-blow oxygen lance.



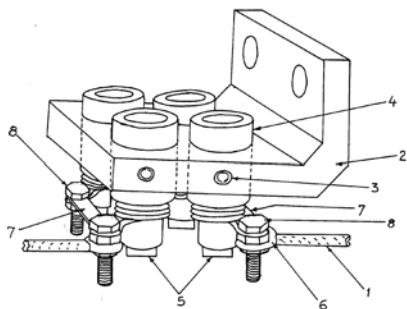
No. of Pages : 20 No. of Claims : 2

(54) Title of the invention : AN IMPROVED BRUSH GEAR ASSEMBLY FOR EDDY CURRENT CLUTCH ADAPTABLE TO DIESEL LOCOMOTIVE

(51) International classification	:H02P9/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISIONS (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI-110049, INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHISHU PAL
(62) Divisional to Application Number	:NA	2)MANVENDRA BHAKTA
Filing Date	:NA	

(57) Abstract :

An improved brush gear assembly for eddy current clutch adaptable to Diesel locomotive comprising a brush holder (4), L-shaped brush holder support (2), plurality of carbon brushes (5), plurality of lead connections (1), wherein the brush holder (4) is made of free cutting brass bar and moulded with Epoxy resin. The brush holder support (2) having no joint with continuous moulding with fibre glass epoxy maintains better insulation between brush holder (4) and ground as well as between Brush holder (4) and Brush holder support (2). Copper plates (7) are used for tightening of lug (4) of lead connections (1) with the help of nuts and bolts (8) and Knurled cup point set screw (3) holds the brush holder (4) with the brush holder support (2).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1110/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : NOVEL COMPOSITE FOR CONDUCTIVE NANOTUBE FILLED ELASTOMER AND METHOD FOR PRODUCING THE SAME

(51) International classification :C08G63/672
(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)KAUSHIK PAL

Address of Applicant :58/7B, KASHI NATH DUTTA ROAD,
KOLKATA-700036, WEST BENGAL, INDIA .

(72)Name of Inventor :

1)KAUSHIK PAL

(57) Abstract :

A Novel conductive nanotube filled elastomer composite comprising a plurality of nanotubes, an elastomer, a curing agent, a co-curing agent a dispersing agent or filler and a process of manufacturing the same, wherein the conductive nanotube filled Elastomer composite is used in the fields such as Space, Aerospace, Electronics, Automotive, Packaging and Chemical industries and applications including demanding structural aerospace applications EMI shielding, static dissipation, high electrical conductivity.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1111/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CONDUCTIVE NANOTUBE FILLED POLYMER COMPOSITE AND METHOD FOR PRODUCING THE SAME

(51) International classification

:C01B31/02

(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

: 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)KAUSHIK PAL

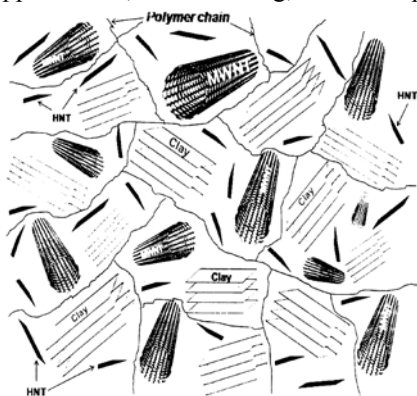
Address of Applicant :58/7B, KASHI NATH DUTTA ROAD,
KOLKATA-700036, WEST BENGAL, INDIA .

(72)Name of Inventor :

1)KAUSHIK PAL

(57) Abstract :

A conductive nanotube filled polymer composite comprising a plurality of nanotubes, a polymer and a dispersing agent or filler and a process of manufacturing the same, wherein the conductive nanotube filled Elastomer composite is used in the fields such as Space, Aerospace, Electronics, Automotive, Packaging and Chemical industries and applications including demanding structural aerospace applications ,EMI shielding, static dissipation, high electrical conductivity.



No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1120/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

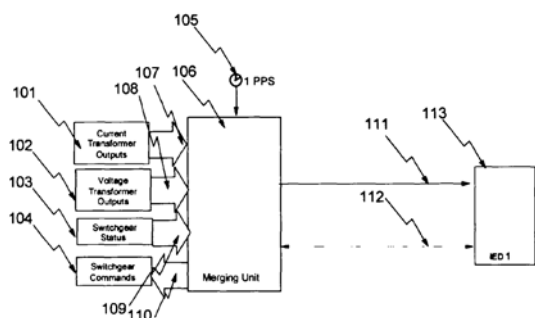
(54) Title of the invention : A IEC 61850 COMPLIANT MERGING UNIT [106] WITH 1 PRS TIME SYNCHRONIZATION, AND A METHOD OF INTEGRATING IEC 61850 PROTOCOL IN THE MERGING UNIT

(51) International classification :G05B19/042
(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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FORT, NEW DELHI-110049, INDIA
(72)Name of Inventor :
1)SHYAMALA VENKATARAMAN
2)ATANU BISWAS

(57) Abstract :

The invention relates to a IEC 61850 compliant Merging Unit [106] with 1 PPS time synchronization, comprising a power supply module [202]; a processing module [205]; an analog input module [203]; a digital input and output module with optical- to-electrical converter [204]; the unit is enabled to implement a precise time synchronisation of the published samples as per IEC61850-9-2 (LE) including publication and subscription of the GOOSE messages as per IEC61850- 8-1.



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

(54) Title of the invention : A TESTING SETUP TO DETERMINE THE EFFECT OF RESIDUAL STRESSES IN THIN WALLED STAINLESS STEEL TUBES USED IN CHLORIDE MEDIA ON THE STRESS CORROSION CRCKING CHARACTERISTICS

(51) International classification :G01L1/00
 (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)SH. VIVEK MITTAL

2)SH. SATYA JIBAN GHOSH

3)SH. SONIA MITTAL

4)SH. SUSHIL KUMAR BAVEJA

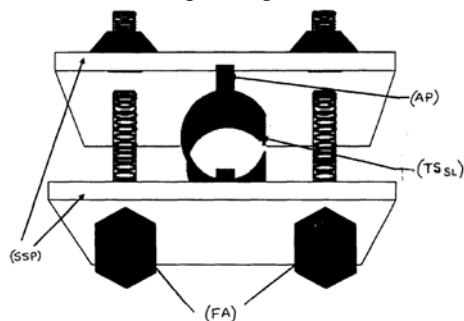
5)SH. DEV DUTT TYAGI

6)DR. VIVEKANANDA KAIN

7)MISS SWATI GHOSH

(57) Abstract :

The invention relates to a testing setup to determine the effect of residual stresses in thin walled stainless steel tubes used in chloride media on the stress corrosion cracking CHARACTERISTICS, comprising at least two stainless steel plates disposed at a spaced-apart position to allow disposition of the tube sample to be tested, the slit of the tube located at 90° in respect of the two opposite points of contact; pieces of oxidized Zircaloy-4 interposed between the tube sample and the stainless steel plates, and a fastening means for releasably fastening the tube sample onto the testing device which is gradually rotatable to tighten the tube sample, wherein the deflection produced on the tube sample corresponding to tightening of the fastening means, and wherein the residual stress is calculated corresponding to the value of said deflection.



No. of Pages : 12 No. of Claims : 2

(54) Title of the invention : A CONSTANT TEMPERATURE BATH FOR DAMAGE REMOVAL ETCH PROCESS IN PLASMA TEXTURING OF MC-SI WAFERS

(51) International classification

:H01L
27/142

(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)DR. ANIL KUMAR SAXENA

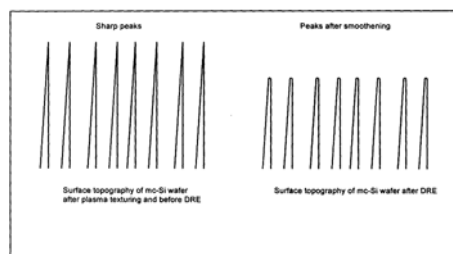
2)SUDIP BHATTACHARYA

3)MANISH PATHAK

4)SUSHIL KUMAR SHARMA

(57) Abstract :

A Constant Temperature Bath, for damage removal etch process in plasma texturing of mc-Si wafers, comprising a coil of ¼ diameter Teflon tube inserted into a PVC tank having internal diameter of 27 cm containing acid mixture consisting of 2%Hydrofluoric Acid(HF), 48%Nitric Acid(HNO₃) and 50%water, extracting heat effectively from the acid mixture during an exothermic reaction with silicon and maintaining the acid mixture temperature at 11 °C ± 1°C throughout its volume by flowing chilled water through the tube at a flow rate of 2 lpm (liters per minutes) to ensure uniform etching in 80-100 sec etching time across a wafer and from wafer to wafer in a batch.



No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1106/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : A-3-PHASE TRACTION MOTOR WITH STAR CONNECTED STATOR FOR DEMU APPLICATION

(51) International classification :B60L9/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

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(72)Name of Inventor :

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2)SURENDRA PRATAP SINGH

3)MANBENDRA BHAKTA

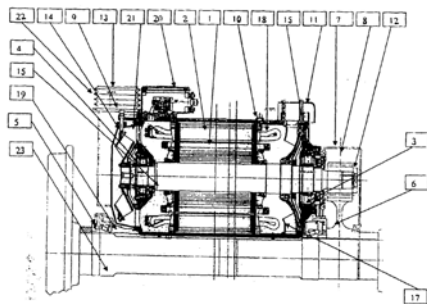
4)NARESH SINGH

5)SANJAY KUMAR YADAV

6)APURBA KUMAR DAS

(57) Abstract :

The invention relates to a 3-phase STAR connected traction motor for EMU and DEMUs applications, comprising: a stator core (2) formed of a single piece low loss sheet steel laminations clamped between two cast clamping plates rigidly fixed on a stator frame; a rotor core (1) fitted on a rotor shaft (16); the rotor core (1) formed of the low loss high permeability sheet steel laminations staked under pressure; a plurality of rotor bars embedded in the rotor core and brazed with short circuit rings; and terminal box (20) with rubber gaskets and glands with rubber seals to prevent the water entry inside the terminal box (20).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1112/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

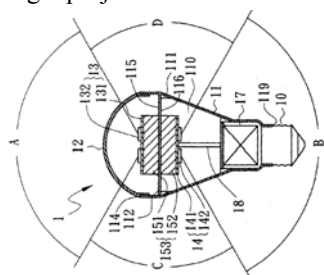
(54) Title of the invention : HIGH ILLUMINATION LED BULB WITH 360-DEGREE FULL EMISSION ANGLE

(51) International classification :C08G63/672
(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. Chinese Taipei
(72)**Name of Inventor :**
1)WEN-SUNG HU

(57) Abstract :

A high illumination LED bulb with a 360-degree full emission angle includes a transparent lamp seat, a transparent lampshade coupled to the lamp seat, a support board disposed in a chamber defined by the transparent lamp seat and transparent lampshade, and first and second light emitting modules. The first light emitting module includes a first substrate and at least one LED disposed on the first substrate. The second light emitting module includes a second substrate and at least one LED disposed on the second substrate. The LEDs on first and second substrates can project upper and lower projection lights respectively, and reflected halos formed by transmission of the upper projection light on transparent lampshade can form side projected halos, thereby a 360-degree full emission angle projected halo can be formed.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1113/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

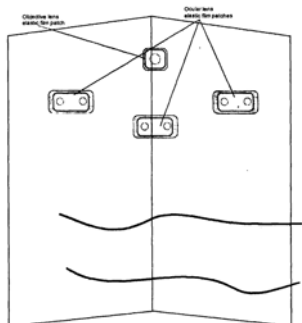
(54) Title of the invention : A DISPOSABLE DRAPE FOR OPERATING MICROSCOPE

(51) International classification :A61B19/08
(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 : 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)GHANSHAM DAS AGARWAL
Address of Applicant :MODERN SERGICAL, 101A,
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(72)**Name of Inventor :**
1)GHANSHAM DAS AGARWAL

(57) Abstract :

This invention relates to a disposable drape for operating microscope comprising of a tube provided with a plurality of holes for accommodating elastic film.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1143/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : GOLF TRAINING APPARATUS FOR TRAINING SHORT GAME AND PUTTING GAME TECHNIQUES

(51) International classification

:A63B69/36

(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)YUNG-SHEN CHEN

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SEC.3, KANG NING RD., NEI HU DISTRICT, TAIPEI, R.O.C.
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(72)Name of Inventor :

1)YUNG-SHEN CHEN

(57) Abstract :

A golf training apparatus for training short game and putting game techniques includes (I) an upright support (1) having an upright post (13) , (II) a sliding track assembly (2) having a first track bar (21) transversely mounted at the upright post (13) , a second track bar (22) movably coupled to the first track bar (21) and ball bearings (23) set between the first track bar (21) and the second track bar (22) for guiding sliding movement of the second track bar (22) along the first track bar (21) , and (III) a golf club lock (3) having a locking unit (31) for locking a golf club and a universal joint (32) connected to the locking unit (31) and joined to the second track bar (22) of the sliding track assembly (2) for enabling the golf club to be swung with the universal joint (32) and moved with the second track bar (22) relative to the first track bar (21) by a user.



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

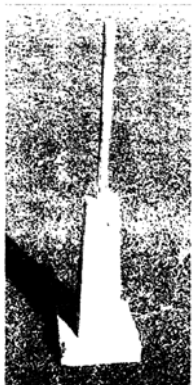
(54) Title of the invention : PRE-CAST READY-MADE GROUTS FOR USE AS FOUNDATION FOR GREENHOUSE CONSTRUCTION

(51) International classification :E02D7/00
 (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)GHOSH, ARUPRATAN
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 NADIA, WEST BENGAL, PIN-741235, West Bengal India
 (72) **Name of Inventor :**
1)GHOSH, ARUPRATAN

(57) Abstract :

Pre Cast grout for use as foundation for construction of superstructure of greenhouses and the like is disclosed, said grouts of desired shape and size to ensure quick construction of green house by putting ready-made pre-cast grouts into the soil and compacting, avoiding in situ curing time. The pre-cast grouts comprise a GI-pipe of the necessary outside diameter (OD) welded with two rod/plate at its base as reinforcement, placed in a iron dice and Cement Concrete (stone:sand:cement = 4:2:1)is cast to produce the grout. Advantageously, a stepped configuration of the pre cast grouts with a broader base followed by narrower top is designed to withstand the effect of wind-load passing to the foundation and resisting possible movement of foundation. A portion of reinforcement pipe extending above soil helps fixing the post/members of greenhouse. The pre cast grouts are ready to use foundation for green house and thus saving construction time and costs.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1152/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AN IMPROVED AUTOMATION SYSTEM FOR REDUCING COIL TELESCOPICITY IN RE-COILERS

(51) International classification	:B21B 3/00	(71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002, Jharkhand India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PARIDA SANJOY
(33) Name of priority country	:NA	2)PRASAD ASHIT
(86) International Application No	:NA	3)SAMBANDHAM THIRUMALAI SELVAM
Filing Date	:NA	4)GUPTA PRASHANT
(87) International Publication No	: NA	5)KUMAR ARUN
(61) Patent of Addition to Application Number	:NA	6)TUDU SAMAI
Filing Date	:NA	7)PUJALU SUNDARARAO KRISHNAMURTHY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved automation system adapted for reducing coil /steel strip telescopicity in re-coilers . The system comprising a frame means (1) substantially placed on a roller table means, at least one sensor means (4) mounted on said frame means (1), at least one optical detector receiver (3) substantially placed at an angle to the said sensor means (4) to measure the actual deviation of the strip edge from the predetermined position, atleast one source means (2) substantially placed parallel to said sensor means (1) , atleast one transducer means (5) mounted with re-coiler, a hydraulic cylinder mounted on said re-coiler, a hydraulic power means operatively connected with said cylinder means where said power means comprising valve manifold (7) and atleast one valve means (6), a hydraulic power panel is operatively connected with said hydraulic power pack and a controller means .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1362/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : POLYMERIC HYBRID ORGANOMETALLOGLOSS

(51) International classification :B01J 13/00
(31) Priority Document No :61/267,752
(32) Priority Date :08/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059521
Filing Date :08/12/2010
(87) International Publication No :WO 2011/072045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)EN VONT LLC

Address of Applicant :3073 SOUTH HORSESHOE DRIVE,
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(72)Name of Inventor :

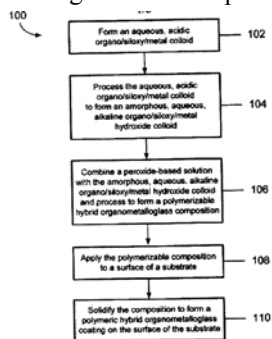
1)TUCKER, GARY, D., III

2)DELUCA, JAMES, JOSEPH

3)FITTS, TODD, M.

(57) Abstract :

An aqueous polymerizable hybrid organometalloglass composition, with polymeric molecular hybrid nanocrystals optionally self-assembled within the composition. The composition may be applied to a substrate to form a polymeric hybrid organometalloglass coating or dried and processed to form a polymeric hybrid organometalloglass powder.



No. of Pages : 37 No. of Claims : 38

(54) Title of the invention : CONTROL OF SUBSEA CYCLONE

(51) International classification :E21B 43/36
 (31) Priority Document No :2009 3600
 (32) Priority Date :29/12/2009
 (33) Name of priority country :Norway
 (86) International Application No :PCT/NO2010/000478
 Filing Date :20/12/2010
 (87) International Publication No :WO 2011/081529
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AKER SUBSEA AS

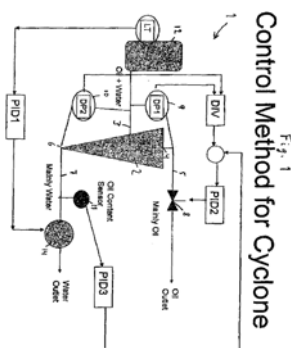
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(72)Name of Inventor :

1)ERIKSSON, KLAS G' RAN**2)OLSEN, GEIR INGE****3)YULVSTAD, STEINAR**

(57) Abstract :

System and method for control of a subsea located cyclone for separating oil from water. The cyclone is arranged to receive water with oil contents through an inlet line, the oil is separated from the water and delivered through an oil outlet to an oil outlet line, and the water is delivered through a water outlet to a water outlet line. The system is comprising a control valve in the oil outlet or oil outlet line from the cyclone, a first differential pressure transducer arranged between the inlet line and the oil outlet from the cyclone, and a second differential pressure transducer arranged between the inlet line and the water outlet from the cyclone. The system is distinguished in that a sensor for measuring oil contents is arranged in the water outlet or water outlet line, and via a control means said sensor is operatively connected to the control valve.



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

(21) Application No.1372/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD FOR INDICATING A DM-RS ANTENNA PORT IN A WIRELESS COMMUNICATION SYSTEM

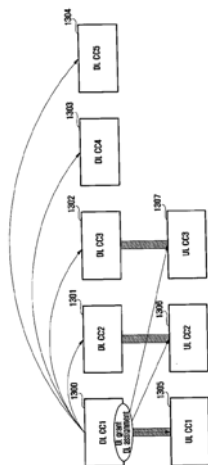
(51) International classification	:H04B 7/26
(31) Priority Document No	:10-2010-0032200
(32) Priority Date	:08/04/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/002351
Filing Date	:05/04/2011
(87) International Publication No	:WO 2011/126260
(61) Patent 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)SEUNG HOON CHOI
2)SOENG HUN KIM
3)JOON YOUNG CHO
4)JIN KYU HAN
5)YOUNG BUM KIM
6)HYOUNG JU JI

(57) Abstract :

A Channel State Information (CSI) request/feedback method and apparatus for a wireless communication system supporting carrier aggregation or bandwidth extension are provided. A base station sets a CSI request field of an Uplink (UL) grant for scheduling UL transmission on a UL Component Carrier (CC) corresponding to a Downlink (DL) CC of which CSI is requested, to a request value. The UL grant is transmitted to a terminal.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1373/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PERISTALTIC PUMP

(51) International classification	:F04B 43/12
(31) Priority Document No	:10 2010 000 594.0
(32) Priority Date	:01/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/051815
Filing Date	:08/02/2011
(87) International Publication No	:WO 2011/107326
(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)SERGEJ RODAU

2)MARTIN BAECKE

3)UWE SCHWERDTFEGER

(57) Abstract :

The invention relates to a peristaltic pump (1) for conveying a medium conducted in a hose, having a plurality of squeezing elements (3) which press the hose, so as to squeeze the hose, against a counter bearing (4) and thereby convey the medium in the hose onward in the conveying direction. To permit a simpler and faster insertion of a hose in a peristaltic pump of said type, it is provided according to the invention that the peristaltic pump has a threading device for inserting the hose between the squeezing elements (3) and the counter bearing (4).

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

(54) Title of the invention : AN EDDY CURRENT CLUTCH TO ENHANCE COOLING OF ENGINE COOLING WATER IN DIESEL ELECTRIC LOCOMOTIVES

(51) International classification	:H02K49/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI-110049, INDIA
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANTOSH ANAND
(62) Divisional to Application Number	:NA	2)NARESH SINGH
Filing Date	:NA	

(57) Abstract :

The present invention relates to an eddy current clutch to enhance cooling of engine cooling water in diesel electric locomotives, comprising an inner rotor disposed into an outer rotor, the inner rotor rotating inside the outer rotor maintaining a small gap in-between; an engine providing mechanical power to a horizontal shaft for axial movement, the horizontal shaft having two end-bearings disposed in respective housing; the outer rotor rotating when an eddy current generated through rotation of the inner shaft maintaining said gap; a spiral bevel gear arrangement transmitting motion between the inner and the outer shaft intersecting at a 90° angle; a vertical shaft movable vertically corresponding to the axial movement of said horizontal shaft, the vertical shaft provided with a pair of tapered bearing on both sides; a radiator fan operating to cool the engine cooling water, the rotation of the radiator fan is interdependent with the vertical movement of the vertical shaft; and a slip ring enabled to provide a closed loop speed regulation by varying the clutch current, application of a direct current in the field coils of the inner rotor producing a magnetic field that determines the torque rate from the engine to be transmitted to the output rotor.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : SEAL HOLDER AND METHOD FOR SEALING A BORE

(51) International classification	:E21B 33/128
(31) Priority Document No	:2010 0012
(32) Priority Date	:07/01/2010
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2011/000006
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/084068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AKER SUBSEA AS

Address of Applicant :POSTBOKS 94, 1325 LYSAKER,
NORWAY

(72)Name of Inventor :

1)KEKARAINEN, JARMO

(57) Abstract :

A seal holder for retaining a sealing arrangement (119,121), said sealing arrangement (119,121) being adapted to seal against a facing seal surface (209) in a bore (203), said seal holder having an intermediate section (117a) encircled by a peripheral section (117b) arranged for carrying said seal arrangement (119,121), wherein said intermediate section (117a) is convex shaped towards the pressure side and is adapted to exert radial pressure on said peripheral section (117b) in the event of exposure to pressure on its convex side. The invention also relates to a method for sealing a bore by applying an apparatus equipped at its lower end with a seal holder (117) retaining a sealing arrangement (119,121).

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1365/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CONTROL OF SUBSEA COMPRESSORS

(51) International classification :G01N 15/14

(31) Priority Document No :2009 3599

(32) Priority Date :29/12/2009

(33) Name of priority country :Norway

(86) International Application No :PCT/NO2010/000477

Filing Date :20/12/2010

(87) International Publication No :WO 2011/081528

(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)ERIKSSON, KLAS GØRAN

2)OLSEN, GEIR INGE

3)STINESSEN, KJELL OLAV

(57) Abstract :

System for control of a subsea located compressor fluidly connected to receive an inlet flow of gas through an inlet line, said flow may include liquid in an amount that may vary. The control system comprises a sensor means for measuring and determining the liquid droplet size distribution and liquid volume fraction, operatively arranged to the inlet line, and a control means operatively connected to the sensor means for operation of the control means based on input from the sensor means. Method for control of a subsea located compressor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1379/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR REGULATING A PRODUCTION OF STEAM IN A STEAM POWER PLANT

(51) International classification	:F01K 13/02
(31) Priority Document No	:102009047652.0
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/064376
Filing Date	:28/09/2010
(87) International Publication No	:WO 2011/069700
(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)GADINGER, JÖRG
3)MEERBECK, BERNHARD
4)TREUER, MICHAEL
5)WEISSBACH, TOBIAS
6)WENDELBERGER, KLAUS

(57) Abstract :

The invention relates to a method for regulating the production of steam (16) from feed water (10) in an evaporator (6) of a steam plant. A state regulator (30) calculates a plurality of states of a medium in the evaporator (6) by means of an observer (42) and, on the basis thereof, determines a feed water mass flow rate (ms) as a regulating variable. In order to obtain a stable and precise regulation of the temperature of the steam, the state regulator (30) is a linear-quadratic regulator.

No. of Pages : 46 No. of Claims : 10

(54) Title of the invention : A NOVEL BACKWARD CURVED PLATE BLADED RADIAL FAN FOR HIGH PRESSURE APPLICATION

(51) International classification

:F04D
23/00

(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

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:NA

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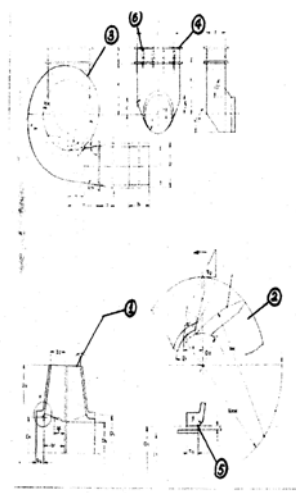
(72)Name of Inventor :

1)ANGIA RANGASAMY RAMAMOORTHY

2)RAGAVIAH BABU

(57) Abstract :

A Novel Backward Curved Plate Bladed Radial Fan for High Pressure Application, having flow coefficient $\phi = 0.060$ and Pressure Coefficient $\psi = 1.155$, comprising of a plain shroud Impeller [1] with a plurality of blades, of two types one having plate bladed blunt body and other with a aerofoil bladed profile body, with back/centre plate, fitted with narrow width plate blade [2] with predetermined camber, angle of incidence (9.34°), leading and trailing edge shapes, a spiral casing [3], and a suction chamber [4] which is specified by geometry and configuration for guiding the flow through seal [5] to said impeller and a four flap damper [6] for controlling and regulating the flow. A Novel Backward Curved Plate Bladed Radial Fan for High Pressure Application, having flow coefficient $\phi = 0.060$ and Pressure Coefficient $\psi = 1.155$, comprising of a plain shroud Impeller [1] with a plurality of blades, of two types one having plate bladed blunt body and other with a aerofoil bladed profile body, with back/centre plate, fitted with narrow width plate blade [2] with predetermined camber, angle of incidence (9.34°), leading and trailing edge shapes, a spiral casing [3], and a suction chamber [4] which is specified by geometry and configuration for guiding the flow through seal [5] to said impeller and a four flap damper [6] for controlling and regulating the flow.



No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1361/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PACK FOR SMOKING ARTICLES, BLANK AND INTERNAL CASING.

(51) International classification	:B65D 5/66
(31) Priority Document No	:MO2009A000270
(32) Priority Date	:10/11/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/002851
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/058414
(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)VECCHI, MARCO

(57) Abstract :

A packet (1) for smoking articles comprises an external casing, including a containing body (3) and a closing body (4) rotatable around a hinge (5). In order to increase a surface of the packet (1) available for communications to the consumer, advertising messages and suchlike, the packet (1) comprises an internal casing (18) slidable with respect to the external casing, the closing body (4) being joined to the internal casing (18) so as to be distanced from the containing body (3) when the internal casing (18) is at least partly extracted from the external casing (2) and the hinge (5) being made on an external wall (22a, 22b) of the internal casing (18).

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

(54) Title of the invention : METHOD AND SYSTEM FOR ACQUIRING CAPABILITY SUPPORTING VOICE SERVICES OVER ADAPTIVE MULTI-USER CHANNELS ON ONE SLOT OF A MOBILE TERMINAL

(51) International classification :H04W 88/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CN2009/074993
 Filing Date :17/11/2009
 (87) International Publication No :WO 2011/060575
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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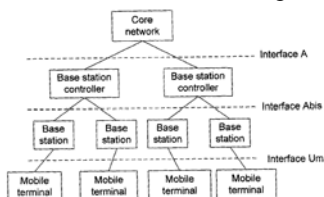
(72)Name of Inventor :

1)WANG, XINHUI

2)LI, JING

(57) Abstract :

The disclosure discloses a method and system for acquiring a capability supporting Voice services over Adaptive Multi-user channels on One Slot (VAMOS) of a mobile terminal. The mobile terminal informs a base station subsystem of support capability information about a VAMOS technology of itself; the base station subsystem acquires a capability supporting the VAMOS technology of the mobile terminal according to the acquired support capability information. By using the method of the disclosure, the state of the mobile terminal for supporting the VAMOS technology is acquired by the base station subsystem according to the support capability information reported by the mobile terminal, and the base station subsystem can distinguish whether the VAMOS technology is supported by the mobile terminal, thereby the VAMOS technology is used reasonably, thus support to capacity of voice user by an entire GSM network is improved without increasing spectrum resources after the VAMOS technology is used by the GSM network.



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

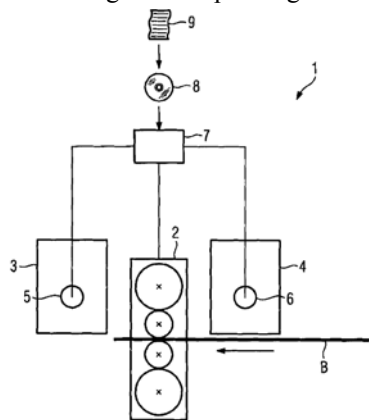
(54) Title of the invention : METHOD FOR OPERATING A WINDING DRUM OF A COILER FURNACE FOR A REVERSE-OPERATING HOT ROLLING MILL, CONTROL AND/OR REGULATION DEVICE AND REVERSE-OPERATING HOT ROLLING MILL

(51) International classification :B21C 47/00
 (31) Priority Document No :09179723.3
 (32) Priority Date :17/12/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2010/067627
 Filing Date :17/11/2010
 (87) International Publication No :WO 2011/082875
 (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)NITSCHKE, HEIKO
3)WANG, LIELIE

(57) Abstract :

The invention relates to a reverse operating hot rolling mill (1), to a control and/or regulation apparatus (7) for a hot rolling mill (1) and to a method for operating a winding drum (5, 6) of a coiler furnace for a reverse operating hot rolling mill, wherein a band length winding on the winding drum (5, 6) is determined depending on a rotation angle of the winding drum (5, 6), wherein the band length winding on the winding drum is determined depending on the time, wherein a first, smaller angle and a second, larger angle are specified at which a band tension between the roll stand and winding drum is to be created at earliest or latest, wherein the winding drum is operated so that at least one angle exists between the smaller angle and the larger angle at which the band length winding on the winding drum depending on a rotation angle is equal to the band length winding on the winding drum depending on the time.



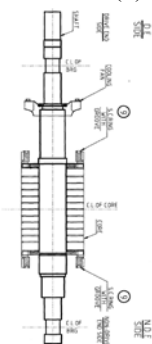
No. of Pages : 18 No. of Claims : 12

(54) Title of the invention : AN IMPROVED METHOD OF BALANCING F A.C INDUCTION MOTORS

(51) International classification	:H02P	(71) Name of Applicant :
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(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI-110049, INDIA
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANISH KUMAR VARSHNEY
Filing Date	:NA	2)MANISH SHRIVASTAVA
(62) Divisional to Application Number	:NA	3)MUKESH KUMAR MARAVI
Filing Date	:NA	4)ANAND KUMAR MODI

(57) Abstract :

An improved method of balancing rotors (5) in particular flexible rotors, of A.C induction motors in a dynamic balancing machine to achieve a desired residual unbalance in the rotors, the improvement is characterized by the steps of removing the balancing rings (2) from the rotor shafts (5) to restrict heating-up of the motor beyond a threshold value; assigning a cooling fan (1) disposed at drive end (DE) to act as a first balancing plane; machining grooves of identical size on the S.C. Rings (9) disposed one each at the driving end (D.E) and non- driving end (N.D.E); and allocating the S.C. Rings (9) to act as second and third balancing plane during testing of the rotor shaft (5) on a dynamic balancing machine.



No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1374/KOLNP/2012 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : POUCH PACKAGING WITH ADHESIVE BONDING TAB

(51) International classification :B65D 33/16
(31) Priority Document No :10 2009 047 369.6
(32) Priority Date :01/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/068526
Filing Date :30/11/2010
(87) International Publication No :WO 2011/067250
(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)MANNEL, AGNES
3)WALTERS, NILS
4)PESCE, ROBERTO
5)MARZ, MANFRED**

(57) Abstract :

The present invention relates to a bag pack (10) with an opening portion which is intended to be used for opening the pack (10) or at which the pack (10) has already been opened, wherein the pack (10) comprises at least one laminate bag side (12), which is formed from a laminate which comprises at least one outer layer, arranged on an outer bag side, an inner layer, arranged on an inner bag side, and an adhesive-bonding layer arranged between the outer layer and the inner layer, wherein the at least one laminate bag side (12) has formed in it a release portion (18) in which a predetermined release region (28) of the outer layer, together with the adhesive-bonding layer, can be released from the inner layer to expose an adhesive surface of the adhesive-bonding layer which is directed away from the outer layer, wherein the release portion (18) differs from the opening portion, and therefore the release portion (18) of the laminate bag side (12) is, and remains, closed, when used as intended, by way of at least the inner layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1375/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : DERIVATIVES OF NOVEL PEROXIDES, METHOD OF PREPARATION THEREOF AND USE THEREOF IN HUMAN MEDICINE AS WELL AS IN COSMETICS FOR THE TREATMENT OR PREVENTION OF ACNE

(51) International classification	:A61K 8/38
(31) Priority Document No	:0958847
(32) Priority Date	:10/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/069421
Filing Date	:10/12/2010
(87) International Publication No	:WO 2011/070171
(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)PASCAL, JEAN-CLAUDE
3)RODEVILLE, NICOLAS

(57) Abstract :

The present invention relates to the use of compounds of the following general formula (I): It also relates to the method of preparation thereof and to the application thereof in therapeutics.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1376/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : TELESCOPIC PROP FOR THE CONSTRUCTION INDUSTRY

(51) International classification :E04G 25/04
(31) Priority Document No :10 2009 054 628.6
(32) Priority Date :14/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069152
Filing Date :08/12/2010
(87) International Publication No :WO 2011/082927
(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)HENKE, LARS

3)SPECHT, RUDOLF

(57) Abstract :

The invention relates to a telescopic support (10) for the construction industry, comprising an outer tube (12) and an inner tube (14) axially displaceably arranged therein, said inner tube being secured by means of a fail safe against removal from the outer tube (12). The fail safe comprises a stop element which is arranged on the outer tube (12) and with which at least one stop means (48) arranged on the inner tube (14) can be brought in contact. According to the invention, the stop element is provided in the region of an end (20) of the outer tube (12) and covers the free cross-sectional surface of the outer tube (12) at least partially. The stop element is preferably designed as cap (22) and comprises an internal thread (26) that engages with an external thread (36) of the outer tube (12). The external thread (36) is in engagement with a recessed nut (38) on which a securing pin (40) can be supported, which can be guided through the outer and inner tubes (12; 14) transversely to the longitudinal axis (30) of the telescopic support (10).

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

(54) Title of the invention : METHOD AND SYSTEM FOR DEWATERING AND PREHEATING MIXTURES FOR GLASS MELTING PLANTS

(51) International classification :C03B 3/02
 (31) Priority Document No :10 2009 054 354.6
 (32) Priority Date :24/11/2009
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/006812
 Filing Date :09/11/2010
 (87) International Publication No :WO 2011/063893
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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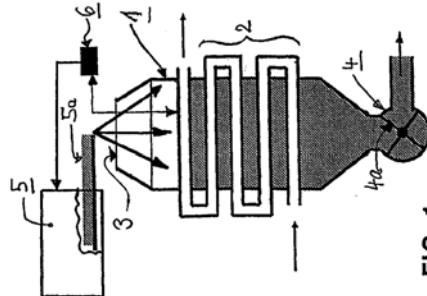
2)ROTT, LOTHAR

3)BONFIG, KARL

4)MÜLLER, VOLKER

(57) Abstract :

The invention relates to a method and a system for thermal dewatering and preheating of aqueous mixtures for feeding glass melting plants when passing through a shaft-like container (1), which is provided with heating elements (2) disposed one above another in tiers for supplying heat. In order to solve the problem of heating the feed material by means of the usual exhaust gases in preheaters with separate guidance of exhaust gases and feed material without the feed material becoming glued together or agglomerating in the preheaters, according to the invention a) the heating elements (2) located in the uppermost tier are closed with respect to the mixture and are kept at temperatures of at least 100C, b) the interface (G) between the bulk material of the mixture and the atmosphere above the bulk material is shaped and heated by the heating elements (2) disposed in the uppermost tier in such a way that part of the thermal output is given off to the atmosphere via the bulk material, and c) as the mixture proceeds through the container (1) it is heated by further heating elements (2) to temperatures close to the feeding temperature for the glass melting plant.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CLINICAL SYRINGE

(51) International classification :A61M 5/32
(31) Priority Document No :61/260,253
(32) Priority Date :11/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/001504
Filing Date :11/11/2010
(87) International Publication No :WO 2011/057334
(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)READE, ANDREW

5)SIU, ERIC

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7)DUNN, CHRISTOPHER

(57) Abstract :

A replaceable needle assembly is provided for a retractable syringe comprising a barrel and a plunger, whereby the retractable needle can be replaced by a user without affecting the retraction mechanism. A mounting member is removably mountable to the barrel by way of a screw-thread connection and a needle mount is removably coupled to the mounting member. A needle is mounted to the needle mount to prevent inadvertent retraction. The plunger comprises a collapsible seal which maximizes the efficiency of fluid delivery prior to the plunger engaging the retractable needle mount. A lock formed between the plunger and barrel prevents further use of the plunger after retraction.

No. of Pages : 26 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1382/KOLNP/2012 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : VACCINATION SYRINGE

(51) International classification :A61M 5/32
(31) Priority Document No :61/260,252
(32) Priority Date :11/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/001505
Filing Date :11/11/2010
(87) International Publication No :WO 2011/057335
(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)RAFFERTY, CHRISTOPHER CHARLES

4)JOHNSON, IAN

5)SIU, ERIC

6)READE, ANDREW

(57) Abstract :

A replaceable needle assembly is provided for a retractable, prefilled syringe comprising a barrel having a mounting member and a plunger, whereby the retractable needle can be replaced by a user without affecting the retraction mechanism. The replaceable needle assembly comprises a needle fitted to a retractable needle mount and a needle retainer. The needle mount is removably, screw-threadedly mountable to the mounting member of the barrel. The needle retainer comprises a plurality of fingers that releasably engage the retractable needle to thereby prevent inadvertent retraction of the retractable needle before engagement by the plunger. The plunger comprises a plunger seal comprising an outer member and an inner membrane that engages the needle for spring-driven retraction. At the end of retraction, a lock formed between the plunger and barrel to prevent re-use of the syringe.

No. of Pages : 22 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1680/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 01/03/2013

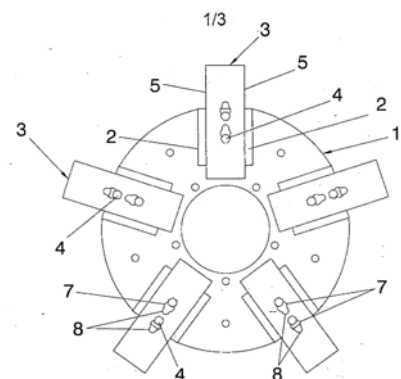
(54) Title of the invention : CUTTING DEVICE FOR SUGAR CANE HARVESTERS

(51) International classification :A01D45/10,A01D34/73
(31) Priority Document No :U200930741
(32) Priority Date :11/12/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/070817
Filing Date :10/12/2010
(87) International Publication No :WO 2011/070213
(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)ESAIN EUGUI, Iñaki

(57) Abstract :

This invention relates to a cutting device for sugar cane harvesters that includes several support discs, to which are fixed several radial cutters using fixing bolts, characterised in that the radial cutters (3) have several through-slots (6) that include a larger section enabling the passage of the head of the fixing bolts (4) and at least one narrower section that does not allow the passage of the head of the bolts (4), and into which are inserted the fixing bolts (4), said head of the bolts (4) being placed in line with the narrowest sections of the slots when the radial cutters (3) are in the active working position, in which case the head of such bolts (4) presses against the free face of the radial cutters (3) in zones adjacent to the narrowest sections of the through-slots (6).



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

(54) Title of the invention : ANTIBODIES TO IL-6 AND USE THEREOF

(51) International classification :A61K 39/395
 (31) Priority Document No :12/624,965
 (32) Priority Date :24/11/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/057981
 Filing Date :24/11/2010
 (87) International Publication No :WO 2011/066371
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

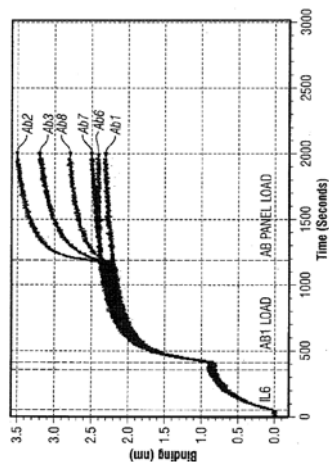
1)ALDER BIOPHARMACEUTICALS, INC.Address of Applicant :11804 NORTH CREEK PARKWAY
SOUTH, BOTHEL, WASHINGTON 98011 U.S.A.

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(57) Abstract :

The present invention is directed to therapeutic methods using IL-6 antagonists such as an Ab1 antibody or antibody fragment having binding specificity for IL-6 to prevent or treat disease or to improve survivability or quality of life of a patient in need thereof. In preferred embodiments these patients will comprise those exhibiting (or at risk of developing) an elevated serum C-reactive protein level, reduced serum albumin level, elevated D-dimer or other coagulation cascade related protein(s), cachexia, fever, weakness and/or fatigue prior to treatment. The subject therapies also may include the administration of other actives such as chemotherapeutics, anti-coagulants, statins, and others. Additional preferred embodiments of the subject invention relate to therapeutic compositions and methods treating or preventing rheumatoid arthritis, especially subcutaneous and intravenous formulations and dosage regimens using IL-6 antagonists according to the invention, as well as methods for preventing or treating GVHD or leukemia relapse in subjects receiving transplanted cells, tissue or organs, use thereof in the treatment or prevention of mucositis, and use thereof to potentiate the cytotoxic, apoptotic, and anti-metastatic or anti-invasive effects of chemotherapeutics and radiation on cancers, especially cancers that have developed a resistance to radiation or chemotherapy, such as an EGFR inhibitor.



No. of Pages : 440 No. of Claims : 271

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1684/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 01/03/2013

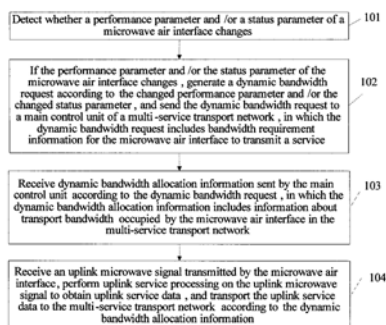
(54) Title of the invention : MICROWAVE ACCESS METHOD AND MULTI-SERVICE TRANSPORT DEVICE

(51) International classification :H04B 10/00
(31) Priority Document No :200910260759.2
(32) Priority Date :31/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/079450
Filing Date :06/12/2010
(87) International Publication No :WO 2011/079687
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LI, Kun
2)ZHOU, Jianlin
3)HU, Xing

(57) Abstract :

A microwave access method and multi-service transport apparatus are disclosed by the present invention, which relates to the technical field of communications. The present invention includes: detecting whether performance parameters and/or state parameters of a microwave air interface changes, if the performance parameters and/or the state parameters of the microwave air interface changes, generating a dynamic bandwidth request according to the changed performance parameters and/or state parameters, and sending the dynamic bandwidth request to a main control unit of a multi service transport network; receiving a dynamic bandwidth allocation information issued by the main control unit according to the dynamic bandwidth request; receiving uplink microwave signals transmitted through the microwave air interface and performing uplink service processing on the uplink microwave signals to obtain uplink service data, and transmitting the uplink service data to the multi-service transport network according to the dynamic bandwidth allocation information. Embodiments of the present invention are mainly applied in a process of microwave access to the multi-service transport network. The present invention improves the availability of microwave transport.



No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 01/03/2013

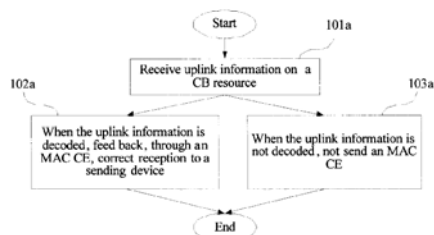
(54) Title of the invention : INFORMATION FEEDBACK METHOD AND APPARATUS

(51) International classification :H04L 12/56
(31) Priority Document No :200910238885.8
(32) Priority Date :31/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/080555
Filing Date :31/12/2010
(87) International Publication No :WO 2011/079813
(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)QUAN, Wei
2)ZHANG, Qiao
3)HAN, Guanglin
4)JIANG, Yi
5)ZHANG, Jian
6)QIN, Zhongbin

(57) Abstract :

A feedback method for the Contention Based (CB) resource is provided. The method includes: a network equipment receives the uplink information transmitted from the transmission equipment on the CB resource; when the uplink information is analyzed, the network equipment feeds back that the uplink information has been received correctly to the transmission equipment via a first physical downlink control channel, wherein the first physical downlink control channel uses a transmission equipment identifier for adding mask. By using the technical solution provided by the embodiments of the invention, the transmission equipment can exactly obtain that the uplink information transmitted from the transmission equipment is received correctly or is received wrong. And the transmission equipment can obtain the reception status more quickly.



No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1691/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD FOR OPERATING, MONITORING AND/OR CONFIGURING AN AUTOMATION SYSTEM OF A TECHNICAL PLANT

(51) International classification :H04L29/08,G05B19/418,H04L29/12
(31) Priority Document No :102010000849.4
(32) Priority Date :13/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050307
Filing Date :12/01/2011
(87) International Publication No :WO 2011/086083
(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 :Wittelsbacherplatz 2, 80333 München
GERMANY
(72)Name of Inventor :
1)BALINT,Thomas
2)BAUER Jörg
3)KISSLING,Jan

(57) Abstract :

The invention relates to a method for operating monitoring and/or configuring an automation system of a technical plant from a remote device (10) comprising a control software (13) ensuring that the software processes of the operating and monitoring software (11) and/or configuration software (12) relevant for a communication via a public network (20) are completed. After setting up a secure communication link (6) from the device (10) to the automation system (3) via the public network (20) an endpoint (14) of the communication link (6) in the remote device (10) is assigned a network address and the software processes of the operating and monitoring software (11) and/or configuration software (12) relevant for a communication via the public network (20) are started. The data packets sent by the operating and monitoring software (11) and/or configuration software (12) for operating monitoring and/or configuring the automation system (3) are diverted to the network address by the control software (13).

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

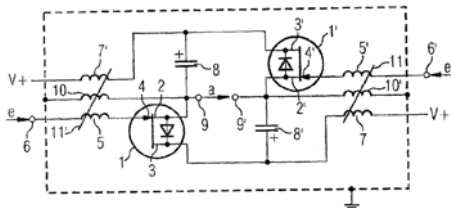
(54) Title of the invention : PUSH-PULL AMPLIFIER HAVING INDUCTIVE COMMON -MODE DECOUPLING

(51) International classification :H03F 3/26
 (31) Priority Document No :102010007451.9
 (32) Priority Date :10/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/050804
 Filing Date :21/01/2011
 (87) International Publication No :WO 2011/098336
 (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)HEID Oliver

(57) Abstract :

The invention relates to a push pull amplifier for amplifying an input signal (e) which is to be amplified to an output signal (a) having a first and a second amplifier element (1 1). According to the invention each of the two amplifier elements (1 1) has a current emitting electrode (2 2) a current collecting electrode (3 3) and a current controlling electrode (4 4). The input signal (e) is supplied to the current controlling electrodes (4 4) of the amplifier elements (1 1) via a respective input connection (6 6) and a respective input inductor (5 5) arranged between the respective input connection (6 6) and the respective current controlling electrode (4 4). The current collecting electrodes (3 3) are connected via a respective supply inductor (7 7) having a common supply voltage (V+). The current emitting electrodes (2 2) of the amplifier elements (1 1) are connected to the current collecting electrode (3 3) of the other amplifier element (1 1) via a respective capacitor (8 8). The current emitting electrodes (2 2) are connected to output connections (9 9) on which the output signal (a) can be picked up. The current emitting electrodes (2 2) are connected via a respective output inductor (10 10) to a reference potential. The supply inductors (7 7) of the amplifier elements (1 1) are inductively coupled to the input inductors (5 5) and the output inductors (10 10) of the respectively other amplifier element (1 1).



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

(54) Title of the invention : METAL-ENCAPSULATED, GAS-INSULATED, COMBINED SWITCH DISCONNECTOR AND EARTHING SWITCH

(51) International classification :H01H 31/00
 (31) Priority Document No :102010004981.6
 (32) Priority Date :18/01/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/050554
 Filing Date :17/01/2011
 (87) International Publication No :WO 2011/086188
 (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 :

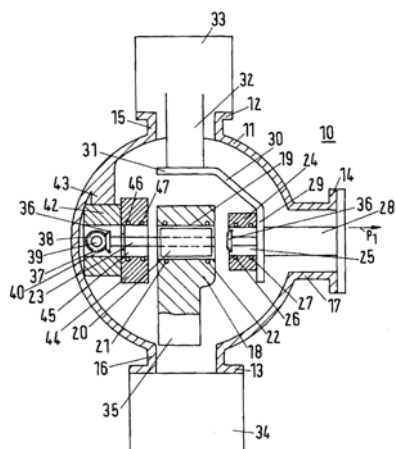
1)KUHL, Daniel

2)MANN, Michael

3)SAXL, David

(57) Abstract :

The invention relates to a metal encapsulated gas insulated combined multiphase disconnecting and grounding switch accommodated in a housing comprising one contact pin (20) that can be moved in the longitudinal axis thereof for each phase said contact pin in a first position connecting two active parts (18 24) to one another and in a second position being connected to a fixed grounding contact piece (42) and a drive motor (48) for the contact pins (20) said drive motor actuating the contact pins (20) via a drive spindle (39). The movement lines of the contact pins (20) of all phases are located in one plane wherein the contact pins (20) can each be driven by an insulating spindle (23) aligned with the movement line the drive spindle (39) being located in the plane of the movement lines and extending perpendicularly to the insulating spindles (23) and being coupled thereto via a deflection gear (37) respectively and the deflection gear (37) for driving the contact pins (20) being accommodated in the grounding contact pieces (42).



No. of Pages : 12 No. of Claims : 3

(54) Title of the invention : AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AND DECODING AN AUDIO INFORMATION, AND COMPUTER PROGRAM OBTAINING A CONTEXT SUB-REGION VALUE ON THE BASIS OF A NORM OF PREVIOUSLY DECODED SPECTRAL VALUES

<p>(51) International classification :G10L 19/00 (31) Priority Document No :61/294,357 (32) Priority Date :12/01/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/EP2011/050275 Filing Date :11/01/2011 (87) International Publication No :WO 2011/086067 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastraße 27c, 80686 Muenchen, GERMANY (72)Name of Inventor : 1)FUCHS, Guillaume 2)MULTRUS, Markus 3)RETTELBACH, Nikolaus 4)SUBBARAMAN, Vignesh 5)WEIß, Oliver 6)GAYER, Marc 7)WARMBOLD, Patrick 8)GRIEBEL, Christian</p>
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(57) Abstract :

An audio decoder for providing a decoded audio information on the basis of an encoded audio information comprises an arithmetic decoder for providing a plurality of decoded spectral values on the basis of an arithmetically encoded representation of the spectral values and a frequency domain to time domain converter for providing a time domain audio representation using the decoded spectral values in order to obtain the decoded audio information. The arithmetic decoder is configured to select a mapping rule describing a mapping of a code value onto a symbol code in dependence on a context state described by a numeric current context value. The arithmetic decoder is configured to determine the numeric current context value in dependence on a plurality of previously decoded spectral values. The arithmetic decoder is configured to obtain a plurality of context subregion values on the basis of previously decoded spectral values and to store said context subregion values. The arithmetic decoder is configured to derive a numeric current context value associated with one or more spectral values to be decoded in dependence on the stored context subregion values. The arithmetic decoder is configured to compute the norm of a vector formed by a plurality of previously decoded spectral values in order to obtain a common context subregion value associated with the plurality of previously decoded spectral values. An audio encoder uses a similar concept.

No. of Pages : 163 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1696/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : ELUTION-STABILIZED PREPARATION

(51) International classification :A61K31/496,A61K9/14,A61K9/16
(31) Priority Document No :2009-287809
(32) Priority Date :18/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072749
Filing Date :17/12/2010
(87) International Publication No :WO 2011/074660
(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)OBAYASHI,Yasuaki
2)YASUI,Shinichiro
3)ABE,Hidaka

(57) Abstract :

Disclosed is a solid preparation which does not undergo the delay of elution of an active ingredient thereof even after the storage for a long period. Specifically disclosed is a teneligliptin containing solid preparation which contains teneligliptin a salt thereof or a solvate of teneligliptin or the salt in an amount 1.5 to 10 fold larger than the content that is desired to be contained in a solid preparation and which contains a teneligliptin containing part in a separated form.

No. of Pages : 37 No. of Claims : 13

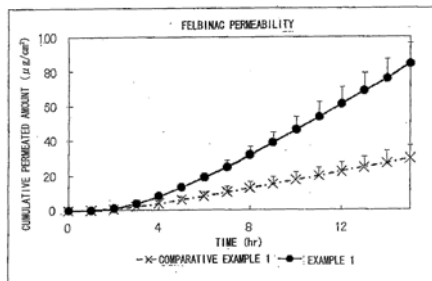
(54) Title of the invention : FELBINAC-CONTAINING TRANSDERMAL ABSORPTION PREPARATION

(51) International classification :A61K31/192,A61K9/70,A61K31/167
 (31) Priority Document No :2009-284325
 (32) Priority Date :15/12/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/072453
 Filing Date :14/12/2010
 (87) International Publication No :WO 2011/074566
 (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)KATAYAMA, Akiko
2)INOO, Katsuyuki

(57) Abstract :

Disclosed is a felbinac containing transdermal absorption preparation substantially free of felbinac solubilizer in the final formulation but still having a high level of felbinac release. In particular is disclosed an adhesive patch which contains a combination of lidocaine and felbinac and which has high level of felbinac release without sacrificing the release level of lidocaine. The felbinac containing transdermal absorption adhesive patch contains felbinac as an active ingredient and lidocaine or a pharmaceutically acceptable salt thereof as a sorbefacient. In particular the felbinac is 0.1 10 wt% of the entire drug containing ointment and the lidocaine or pharmaceutically acceptable salt thereof is 0.01 20 wt% of the entire drug containing ointment.



No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1698/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : TRANSDERMAL PREPARATION CONTAINING BASIC ANTI-INFLAMMATORY AGENT

(51) International classification :A61K45/06,A61K9/70,A61K31/167
(31) Priority Document No :2009-284326
(32) Priority Date :15/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072454
Filing Date :14/12/2010
(87) International Publication No :WO 2011/074567
(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)KATAYAMA Akiko
2)INOO Katsuyuki

(57) Abstract :

Disclosed is a transdermal preparation in which a basic anti inflammatory agent is blended. The transdermal preparation is an adhesive patch for external use which has excellent drug release properties without deteriorating the physical properties of the plaster. The transdermal preparation is capable of achieving high release properties for the basic anti inflammatory agent without deteriorating the release properties for a local anesthetic. Specifically disclosed is an adhesive transdermal patch which is characterized by containing both a basic anti inflammatory agent and a local anesthetic that serves as an absorption enhancer for the basic anti inflammatory agent. The basic anti inflammatory agent has an acid dissociation constant (pKa) of not less than 7. The basic anti inflammatory agent is contained therein in an amount of 0.1 10% by weight relative to the total weight of the drug containing plaster and the absorption enhancer is contained therein in an amount of 0.01 20% by weight relative to the total weight of the drug containing plaster.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1383/KOLNP/2012 A

(43) Publication Date : 01/03/2013

(54) Title of the invention : FIBRONECTIN: GROWTH FACTOR CHIMERAS

(51) International classification	:C07K 14/78
(31) Priority Document No	:12/627,647
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/001613
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/063477
(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)UPTON, ZEE
2)VAN LONKHUYZEN, DEREK

(57) Abstract :

Isolated protein complexes are provided comprising growth factors such as IGF-I, IGF-II, EGF, bFGF, or KGF and fibronectin, or at least domains thereof that enable binding to and activation of both a growth factor receptor, and an integrin receptor-binding domain of fibronectin. These protein complexes include synthetic proteins where the growth factor and fibronectin sequences are joined by a linker sequence. Also provided are uses of these protein complexes for stimulating or including cell migration and/or proliferation in wound healing, tissue engineering, cosmetic and therapeutic treatments such as skin replacement, skin replenishment and treatment of burns where epithelial cell migration is required. In other embodiments, the invention provides inhibition of cancer cell metastasis, particularly in relation to breast cancer.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1384/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : COMBRETASTATIN DERIVATIVE PREPARATION METHOD

(51) International classification :C07D 263/06

(31) Priority Document No :09/05,837

(32) Priority Date :03/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/052592

Filing Date :02/12/2010

(87) International Publication No :WO 2011/067538

(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)BESSE, PASCAL

2)DIDIER, ERIC

3)TREMAUDEUX, NICOLAS

(57) Abstract :

The invention relates to a method for preparing a combretastatin derivative (I) or (II), said method including the following steps: triaryl(3,4,5- trimethoxybenzyl)phosphonium halide P3 (III), wherein Ar denotes an aryl group selected from among phenyl or thienyl, is reacted with P2 having formula (IV) or P2 having formula (V) so as to respectively obtain the compound P4 or P4, which have formulas (VI) and (VII), respectively; then, during a step for deprotection in the presence of an acid and/or a base, the compound having P4 or P4 leads, after an optional purification step, to the compound having formula (I) or (II).

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

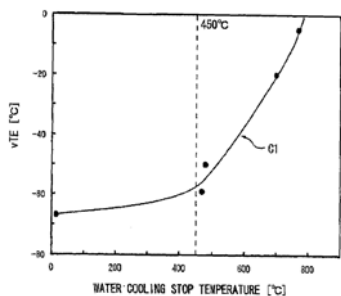
(54) Title of the invention : METHOD FOR MANUFACTURING SEAMLESS STEEL PIPE FOR LINE PIPE AND SEAMLESS STEEL PIPE FOR LINE PIPE

(51) International classification :C21D8/10,B21B23/00,C21D9/08
 (31) Priority Document No :2010-016004
 (32) Priority Date :27/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/050174
 Filing Date :07/01/2011
 (87) International Publication No :WO 2011/093117
 (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)HITOSHIO Keisuke
2)KONDO Kunio
3)ARAI Yuji

(57) Abstract :

Disclosed is a production method for seamless steel pipes used in line pipes whereby the toughness of seamless steel pipes used in line pipes can be improved. A round billet having a chemical composition that includes in mass% 0.02 to 0.15% C no more than 0.5% Si and 0.5 to 2.5% Mn with the remainder comprising Fe and impurities is heated (S1). Rotary piercing is performed on the heated round billet to produce a blank tube (S2). The blank tube is rolled and the diameter thereof is fixed thereby producing a seamless steel pipe (S3). The seamless steel pipe is cooled with water and water cooling is halted when the temperature of the seamless steel pipe reaches 450°C or lower (S5). The cooled seamless steel pipe is quenched (S6). The quenched seamless steel pipe is tempered (S7).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1700/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : COMPOSITIONS COMPRISING ANDROGRAPHIS PANICULATA AND GINKGO BILOBA EXTRACTS COMPLEXED WITH PHOSPHOLIPIDS

(51) International classification :A61K36/16,A61K36/19,A61P25/28
(31) Priority Document No :MI2010A000019
(32) Priority Date :12/01/2010
(33) Name of priority country:Italy
(86) International Application No :PCT/EP2011/050016
Filing Date :03/01/2011
(87) International Publication No :WO 2011/086007
(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)BOMBARDELLI, Ezio
2)GIORI, Andrea

(57) Abstract :

The present invention relates to compositions comprising Andrographis paniculata extracts combined with Ginkgo biloba extracts complexed with phospholipids. Moreover the compositions administered in oils rich in ω -3 polyunsaturated fatty acids demonstrate a further synergic effect between the ingredients. Said compositions are useful in the treatment of neurodegenerative disorders, in particular Alzheimer s disease and multiple sclerosis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1701/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : TOOL FOR GALVANICALLY COATING SLIDING BEARINGS

(51) International classification :C25D5/02,C25D7/10,C25D17/00

(31) Priority Document No :10 2010 000 853.2

(32) Priority Date :13/01/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/050327

Filing Date :12/01/2011

(87) International Publication No :WO 2011/086089

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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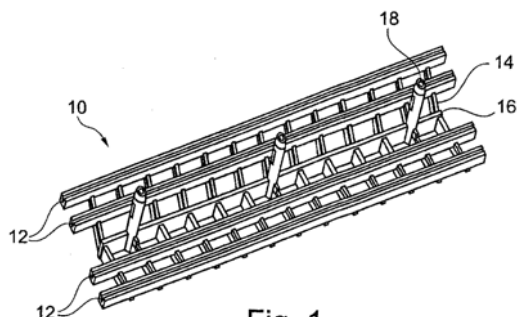
(72)Name of Inventor :

1)HUHN, Hans-Ulrich

2)ROTHE, Axel

(57) Abstract :

The invention relates to a tool for galvanically coating sliding bearings comprising at least one cover (34) to which a thief (36) is attached.



No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

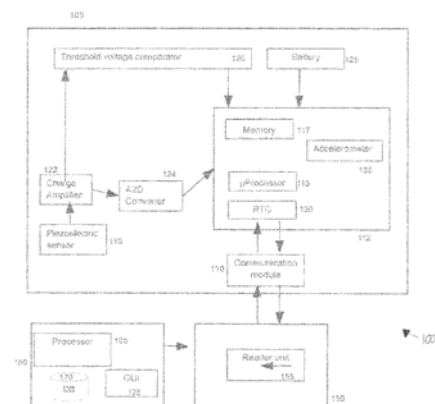
(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATED GUN SHOT MEASURING.

(51) International classification :G01N 3/00
(31) Priority Document No :61/295,772
(32) Priority Date :18/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050212
Filing Date :18/01/2011
(87) International Publication No :WO 2011/086536
(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)SPECTOR,Yuval
2)BAR-DAVID,Asaf

(57) Abstract :

A system device and method are provided to enable low energy firearm shot measurement including in some embodiments an impact sensor adapted to detect a substantial impact event from the firearm and to generate an analog signal representing the impact event; an electronic circuit supporting a microprocessor to enable processing of digital data representing the analog signal the electronic circuit also supporting a memory unit to store the data the microprocessor and the memory being designed to be substantially in a sleep state except for a selected time interval related to the impact event following an identification of the impact event from the firearm; an amplifier adapted to amplify the analog signals and transmit the signals to the circuit; a power source to support the circuit supported components; and a communications module for enabling communicating of the digital data to an external data receiver upon demand.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1699/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PIROXICAM-CONTAINING ENDERMIC PREPARATION

(51) International classification :A61K31/5415,A61K9/70,A61K47/18
(31) Priority Document No :2009-284324
(32) Priority Date :15/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072452
Filing Date :14/12/2010
(87) International Publication No :WO 2011/074565
(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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Kagawa 7692695 JAPAN
(72)Name of Inventor :
1)KATAYAMA,Akiko
2)INOO,Katsuyuki

(57) Abstract :

Provided is a piroxicam containing endermic adhesive patch which contains piroxicam as a non steroidal anti inflammatory analgesic agent and an absorbefacient for promoting the absorption of piroxicam and which achieves excellent anti inflammatory and analgesic effects without inhibiting drug releasability. The disclosed piroxicam containing endermic adhesive patch is characterized by containing piroxicam as the medicinal component and oxybuprocaine or a pharmaceutically acceptable salt thereof as the absorbefacient wherein the content of piroxicam to the total weight of the drug containing plaster is 0.1-5% by weight and the content of oxybuprocaine or the pharmaceutically acceptable salt thereof to the total weight of the drug containing plaster is 1-30% by weight.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1705/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : SUSPENSION SUBFRAME

(51) International classification	:B62D21/00
(31) Priority Document No	:2009-298411
(32) Priority Date	:28/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/072586
Filing Date	:15/12/2010
(87) International Publication No	:WO 2011/081021
(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)TAKAHASHI Hiroshi

2)KOISO Youhei

(57) Abstract :

Disclosed is a suspension subframe (1) in which high rigidity side end members (10) are attached to both ends of a planar main member (2) so as to extend longitudinally to the vehicle. The suspension subframe (1) is light weight and low cost does not result in waste in stock cutting and has an extremely high rigidity against forces from front back left right etc. because of the side end members (10).

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

(54) Title of the invention : SYSTEM COMPRISING CENTRIFUGAL SEPARATOR AND METHOD FOR CONTROLLING SUCH A SYSTEM

(51) International classification :B04B13/00,B04B11/02
 (31) Priority Document No :1000085-9
 (32) Priority Date :29/01/2010
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2011/050091
 Filing Date :28/01/2011
 (87) International Publication No :WO 2011/093784
 (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)DANIELSSON, Sverker

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4)ISAKSSON, Roland

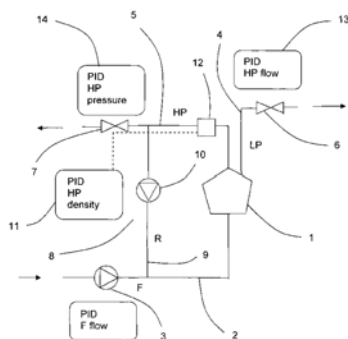
5)MOBERG, Hans

6)AGRELL, Johan

7)SVENSSON, Anders

(57) Abstract :

The present invention relates to a system comprising a hermetic centrifugal separator (1) where the separator comprises a rotor including a separation chamber (20) an inlet channel (2) for a mixture of components to be separated a first outlet channel (4) for receiving at least one separated light component and a second outlet channel (5) for receiving at least one separated heavy component. The system further comprises recirculation means (8) for recirculating from said second outlet channel (5) to said separation chamber (20) part of the separated heavy component a first monitoring means (12) monitoring density flow rate or combination thereof of the heavy component flowing in said second outlet channel (5) and a first control means (11 15 18) controlling recirculation flow rate in response to a control signal from said first monitoring means (12). The invention provides a system and method which control the characteristics of the separated heavy component even when feeding the separator with a feed of varying contents.



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

(54) Title of the invention : AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AND AUDIO INFORMATION, METHOD FOR DECODING AN AUDIO INFORMATION AND COMPUTER PROGRAM USING A MODIFICATION OF A NUMBER REPRESENTATION OF A NUMERIC PREVIOUS CONTEXT VALUE

<p>(51) International classification :G10L 19/00 (31) Priority Document No :61/294,357 (32) Priority Date :12/01/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/EP2011/050273 Filing Date :11/01/2011 (87) International Publication No :WO 2011/086066 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastraße 27c, 80686 Muenchen, GERMANY (72)Name of Inventor : 1)FUCHS, Guillaume 2)MULTRUS, Markus 3)RETTELBACH, Nikolaus 4)SUBBARAMAN, Vignesh 5)WEIß, Oliver 6)GAYER, Marc 7)WARMBOLD, Patrick 8)GRIEBEL, Christian</p>
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(57) Abstract :

An audio decoder for providing a decoded audio information on the basis of an encoded audio information comprises an arithmetic decoder for providing a plurality of decoded spectral values on the basis of an arithmetically encoded representation of the spectral values and a frequency domain to time domain converter for providing a time domain audio representation using the decoded spectral values in order to obtain the decoded audio information. The arithmetic decoder is configured to select a mapping rule describing a mapping of a code value onto a symbol code in dependence on a context state described by a numeric current context value. The arithmetic decoder is configured to determine the numeric current context value in dependence on a plurality of previously decoded spectral values. The arithmetic decoder is also configured to modify a number representation of a numeric previous context value describing a context state associated with one or more previously decoded spectral values in dependence on a context subregion value to obtain a number representation of a numeric current context value describing a context state associated with one or more spectral values to be decoded. An audio encoder uses a similar concept.

No. of Pages : 163 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1702/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : DISPOSABLE WEARING ARTICLE

(51) International classification :A61F13/496,A61F13/15
(31) Priority Document No :2010-009520
(32) Priority Date :19/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050664
Filing Date :17/01/2011
(87) International Publication No :WO 2011/090000
(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)OTSUBO, Toshifumi
2)HASHIMOTO, Tatsuya
3)YAMASHITA, Mariko

(57) Abstract :

A disposable wearing article wherein a position confirmation mark formed on a crotch member is superposed on front and rear waist members. Front and rear waist members (20,30) are superposed on and joined to front and rear edges (40a,40b) of a crotch member (40) to form first and second stack regions (61,62) and an intermediate region (63) is formed between the first and second stack regions (61,62). A position confirmation mark (43) is formed in the first stack region (61). A crotch display element (44a) which is a drawing of a fish is provided on the second stack region (62) and a crotch display element (44b) which is a drawing of a fish is provided on the intermediate region (63). A front waist sheet (21) and a front display film (22) of the front waist member (20) are stacked on the first stack region (61), and a drawing of a penguin is provided as a front display element (23) on the front display film (22). The front display element (23) is disposed so as to be superposed on the position confirmation mark (43).

No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1710/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : EXPOSURE METHOD FOR COLOR FILTER SUBSTRATE

(51) International classification :G02B5/20,G02F1/1335,G03F7/20

(31) Priority Document No :2010-008534

(32) Priority Date :18/01/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/000049

Filing Date :07/01/2011

(87) International Publication
No :WO 2011/086882

(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)MATSUI Kohei

2)RYOSUKE YASUI

(57) Abstract :

Disclosed is an exposing method enabling formation of dummy PSs in non display regions arranged outside the four sides of a display region of a color filter base using a small size mask continuous exposing system. As shown in FIG. 7(a) while a base (20) coated with photoresist is being transported in the Y direction and while first layers (81) in first non display regions (51) (the regions shown with the hatchings extending in the upper right direction) on the base (20) are being exposed a layer (91) in the display region is exposed. Then the base (20) is rotated by 90° and as shown in FIG. 7(b) while the base (20) is being transported in the X direction second layers (82) in second non display regions (52) (the regions shown with hatchings extending in the upper right direction) are exposed. With this dummy PSs (71) with desired arrangement pitches and desired shapes can be formed in the first non display regions (51) and dummy PSs (72) with desired arrangement pitches and desired shapes can be formed in the second non display regions (52).

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1711/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : PUSHER

(51) International classification :F27B3/18,C21C5/52,F27D3/04
(31) Priority Document No :2010-071323
(32) Priority Date :26/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055005
Filing Date :25/02/2011
(87) International Publication No :WO 2011/118365
(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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Yokohama-shi, Kanagawa 221-0056, JAPAN

(72)Name of Inventor :

1)SATO Yasuhiro

(57) Abstract :

Provided is a pusher having a compact structure to conserve space wherein a driving force necessary to move a pusher main body backward can be increased without increasing the diameter of a cylinder. The pusher is provided with a pusher main body (1) for pushing an object a cylinder (2) for the pusher main body which is connected to the pusher main body (1) and which moves the pusher main body (1) forward or backward a pusher carriage (3) connected to the cylinder (2) for the pusher main body and a cylinder (4) for the pusher carriage which is connected to the pusher carriage (3) and which moves the pusher carriage (3) forward or backward said cylinder (4) being disposed in a cylinder pushing direction opposite to the cylinder pushing direction of the cylinder (2) for the pusher main body.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1712/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHODS, APPARATUS, AND SYSTEMS FOR SUPPORTING PURCHASES OF GOODS AND SERVICES VIA PREPAID TELECOMMUNICATION ACCOUNTS

(51) International classification :H04W8/00,H04W8/18,H04W99/00
(31) Priority Document No :61/286,504
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/003130
Filing Date :10/12/2010
(87) International Publication No :WO 2011/075162
(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)VALDES, Felipe
2)CARLSEN, Olav

(57) Abstract :

Apparatus and method for detecting in real time when a User of a prepaid telecommunications account tries to complete a data voice or financial transaction to purchase a product or service but cannot due to insufficient funds in the Prepaid Account. The system then determines whether the Account is eligible to receive a Facilitation according to predetermined criteria and if so either (1) automatically authorizes the transaction to be completed based on a Facilitation amount subsequently recorded by the system to satisfy the insufficiency or (2) instantly communicates to the User an offer to do so and if the User accepts the offer authorizes the transaction and records the Facilitation amount. The transaction can then be completed without significant interruption. A mechanism is provided such that on the next Topping Up event(s) of the User s Account the Facilitation amount is debited from the User s Account for return to the Facilitator.

No. of Pages : 111 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1724/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD OF HEAT-TREATING METAL TUBES OR PIPES FOR NUCLEAR POWER PLANT, BATCH-TYPE VACUUM HEAT TREATMENT FURNACE USED THEREFOR, AND METAL TUBES OR PIPES FOR NUCLEAR POWER PLANT HEAT-TREATED BY THE SAME

(51) International classification :G21D1/00,C21D9/08,C22C19/05
(31) Priority Document No :2010-017063
(32) Priority Date :28/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000384
Filing Date :25/01/2011
(87) International Publication No :WO 2011/093059
(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)KINOMURA,Shoji
2)TAKENAKA,Shinichi

(57) Abstract :

Disclosed is a method of heat treating metal pipes that are to be used in a nuclear power plant the method involving: placing the metal pipes which are to be placed in a batch type vacuum heat treatment furnace on a plurality of metal beams that are lined up in the length direction of the metal pipes; and heat treating said metal pipes; wherein the metal pipes are placed on the metal beams with a heat resistant cloth having a thickness of 0.1 to 1.2 mm being disposed therebetween. Thus it is possible to inhibit scratches from being formed on the outer surfaces of the metal pipes due to the heat treatment and to reduce the staining of the outer surfaces of the metal pipes. Preferably the composition in percentage by mass of each metal pipe used herein consists of: at most 0.15% of C; at most 1.00% of Si; at most 2.0% of Mn; at most 0.030% of P; at most 0.030% of S; 10.0 40.0% of Cr; 8.0 80.0% of Ni; at most 0.5% of Ti; at most 0.6% of Cu; at most 0.5% of Al; at most 0.20% of N; and Fe and impurities as the remainder.

No. of Pages : 27 No. of Claims : 4

(54) Title of the invention : CODE GENERATING APPARATUS, REFERENCE SIGNAL GENERATING APPARATUS, AND METHODS THEREOF

(51) International classification :H04L 27/26
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CN2010/070087
 Filing Date :08/01/2010
 (87) International Publication No :WO 2011/082543
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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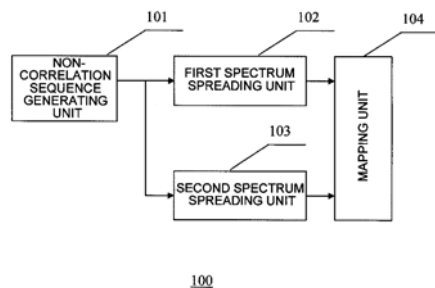
2)ZHANG Yuantao

3)ZHOU Hua

4)WU Jianming

(57) Abstract :

The invention relates to an apparatus for generating orthogonal masks an apparatus and a method for generating demodulation reference signals. The demodulation reference signal generator includes: a non correlation sequence generator generating a non correlation sequence used as a pilot for a first resource block; a first spread spectrum unit performing the spread spectrum for the elements of a first frequency resource mapped to the first resource block in the non correlation sequence used as a pilot by using a first group of orthogonal masks; a second spread spectrum unit performing the spread spectrum for the elements of a second frequency resource mapped to the first resource block in the non correlation sequence used as a pilot by using a second group of orthogonal masks; the second frequency resource and the first frequency resource are the adjacent frequency resources for a first group of data streams and the second group orthogonal masks and the first group of orthogonal masks are array mirror images of each other; and a mapping unit used for mapping the elements for which the spread spectrum is performed to the first and the second frequency resources respectively. The method and apparatus of the invention can increase the randomization of the pilot overcome the problem that the transmission power of the pilot is unbalanced and meet the requirement of two dimension time frequency orthogonality.



No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1713/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR UPDATING CONTROL INFORMATION OF A TARGET BASE STATION DURING HANDOVER OPERATION IN A BROADBAND WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W36/08,H04W48/10,H04B7/26
(31) Priority Document No :61/302,555
(32) Priority Date :09/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/000875
Filing Date :09/02/2011
(87) International Publication No :WO 2011/099775
(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)JUNG, Inuk
2)RYU, Kiseon
3)KWAK, Jinsam

(57) Abstract :

Disclosed herein is an operation method of a terminal for updating control information of a target base station in a handover procedure, and the method may include receiving a neighbor advertisement message comprising control information of at least one neighbor base station comprising the target base station from the serving base station; transmitting a handover request message comprising first change count information indicating a neighbor advertisement message version to the serving base station; receiving a handover command message comprising delta control information different from the control information included in the neighbor advertisement message from the serving base station; and updating the control information of the target base station using the received delta control information.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2012

(21) Application No.1714/KOLNP/2012 A

(43) Publication Date : 01/03/2013

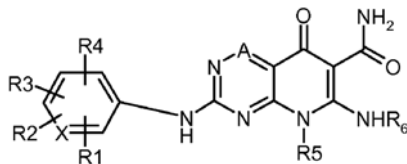
(54) Title of the invention : 5-OXO-5, 8-DIHYDROPYRIDO [2,3-D] PYRIMIDINE DERIVATIVES AS CAMKII KINASE INHIBITORS FOR TREATING CARDIOVASCULAR DISEASES

(51) International classification :C07D471/04,A61K31/519,A61P9/00
(31) Priority Document No :10/50,103
(32) Priority Date :08/01/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/050019
Filing Date :06/01/2011
(87) International Publication No :WO 2011/086306
(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)BEGIS, Guillaume
3)BISCARRAT, Sandrine
4)DUCLOS, Olivier
5)MCCORT, Gary

(57) Abstract :

The invention relates to 5-oxo-5, 8-dihydropyrido [2, 3-d] pyrimidine derivatives of the general Formula (I). The invention also relates to the method for preparing same and to therapeutic use thereof.



No. of Pages : 128 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : LIVER TARGETING DOMAIN ANTIBODIES

(51) International classification :A61K39/395,C07K16/28,A61P35/00
(31) Priority Document No :61/294,942
(32) Priority Date :14/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/050420
Filing Date :13/01/2011
(87) International Publication No :WO 2011/086143
(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)HONG, Zhi
4)SEPP, Armin
5)WALKER Adam

(57) Abstract :

The present invention relates to molecules that can be targeted to the liver. These liver targeting molecules (e.g.fusions and conjugates) comprise proteins antibodies or antibody fragments such as immunoglobulin (antibody) single variable domains (dAbs) and also one or more additional molecules which it is desired to deliver to the liver such as interferons. The invention further relates to uses formulations compositions and devices comprising such liver targeting molecules. The invention also relates to immunoglobulin (antibody) single variable domains which bind to hepatocytes.

No. of Pages : 251 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1726/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING CARRIER MANAGEMENT IN CARRIER AGGREGATION SYSTEM

(51) International classification :H04W72/04,H04B7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/070091
Filing Date :08/01/2010
(87) International Publication No :WO 2011/082545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(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)XU Haibo

2)ZHANG Yuantao

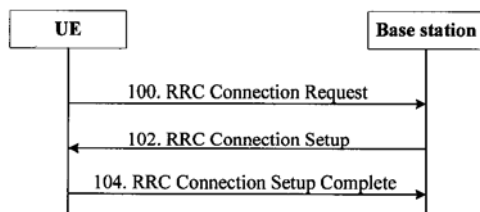
3)ZHOU Hua

4)WU Jianming

5)OHTA Yoshiaki

(57) Abstract :

The present invention provides a method and device for carrier management in a carrier aggregation system. The method includes: the signaling which carries an additional carrier measurement indication is sent to a User Equipment (UE); an additional carrier measurement report is received from the UE; when the downlink traffic of the UE increases if the recorded carriers in the current downlink carrier set of the UE can not meet the requirement of the downlink traffic data rate according to the additional carrier measurement report at least one additional carrier is configured and activated and the UE is notified to perform the corresponding configuration operations. In addition according to the measurement result and the change in the downlink traffic of the UE the base station can also perform the deactivation activation replacement and removal of the additional carrier for the user and notify the UE to perform the corresponding configuration operations. According to the downlink signaling the UE can measure the quality of the received signals of the additional carriers and control the reception of the control information on the Physical Downlink Control Channels (PDCCHs) of the additional carriers and the data on the Physical Downlink Shared Channels (PDSCHs) of the additional carriers. The method and device for carrier management can reduce the data transmission delay and the power consumption of the UE.



No. of Pages : 54 No. of Claims : 27

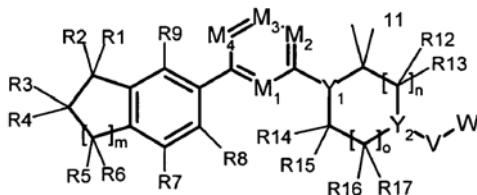
(54) Title of the invention : INHIBITORS OF SPHINGOSINE KINASE

(51) International classification :C07D213/63,C07D239/42,C07D251/40
 (31) Priority Document No :09015422.0
 (32) Priority Date :14/12/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2010/007057
 Filing Date :22/11/2010
 (87) International Publication No :WO 2011/072791
 (61) 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
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 (72)Name of Inventor :
1)STIEBER, Frank
2)WIENKE, Dirk

(57) Abstract :

The present invention relates to compounds of the formula (I) where R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 Mi M2 M3 M4 Yi Y2 V, W, n, m, and o have the meaning specified in claim 1 and to physiologically compatible salts derivatives prodrugs solvates tautomers and stereoisomers thereof, including mixtures thereof in all ratios, for use in the treatment of diseases that are influenced by inhibiting sphingosine kinase 1.



No. of Pages : 260 No. of Claims : 14

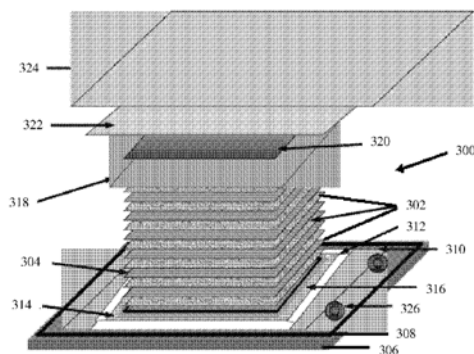
(54) Title of the invention : METHODS OF IMPARTING CONDUCTIVITY TO MATERIALS USED IN COMPOSITE ARTICLE FABRICATION & MATERIALS THEREOF

(51) International classification :B32B15/08,B32B15/14,B64D45/02
 (31) Priority Document No :61/288,030
 (32) Priority Date :18/12/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/059219
 Filing Date :07/12/2010
 (87) International Publication No :WO 2011/075344
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CYTEC TECHNOLOGY CORP.
 Address of Applicant :300 Delaware Avenue Wilmington, DE 19801 U.S.A.
 (72)Name of Inventor :
1)PRICE, Richard, Thomas
2)ABUSAFIEH, Abdel

(57) Abstract :

Embodiments of the invention are directed to metal- or metal alloy-coated sheet materials (hereinafter metal-coated sheet material) including, but not limited to, fabrics and veils which have a metal content of between one (1) and fifty (50) grams per square meter (gsm). The metal-coated sheet materials may be used as-is or in conjunction with prepregs adhesives or surfacing films to provide lightning strike protection (LSP) and/or bulk conductivity,among other benefits, to the resultant composite article. In one embodiment, the metal-coated sheet material is impregnated with a resin. According to embodiments of the invention, a metal is applied to one or two sides of the fabric or veil by a physical vapor deposition coating process. The resultant metal-coated fabric or veil may be used as a carrier in surfacing films to impart surface conductivity; may be used as a carrier in adhesives to form conductive adhesive bonded joints; may be interleaved (one or more metal coated veils) between layers of prepreg to impart surface and/or bulk conductivity as well as toughness; or may be used to fabricate composite articles.



No. of Pages : 40 No. of Claims : 23

(54) Title of the invention : SYSTEMS AND METHODS FOR PURCHASING PRODUCTS FROM A RETAIL ESTABLISHMENT USING A MOBILE DEVICE

(51) International classification :G06Q 30/00
 (31) Priority Document No :61/286,005
 (32) Priority Date :13/12/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/003157
 Filing Date :13/12/2010
 (87) International Publication No :WO 2011/071542
 (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 :332 Congress Street Third Floor
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(72)Name of Inventor :

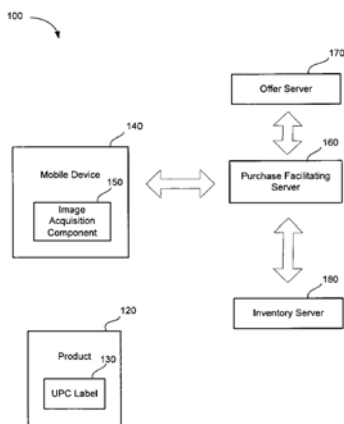
1)PARADISE, Andrew

2)PRESTON, Dan, Richard

3)MERCADO, Jose, H., Jr.

(57) Abstract :

Techniques for purchasing products from a retail establishment using a mobile device allow a user to transact a purchase of physical products within a retail establishment site without need for significant interaction with personnel of the retail establishment to transact the purchase. The user may install a software application on the mobile device to communicate with a purchase facilitating server. An image acquisition component of the mobile device may be used to obtain an image of indicia such as a bar code on a product to be purchased within the retail establishment. Image recognition may be performed on the indicia to identify the product to be purchased the user may submit payment information via the mobile device and the purchase facilitating server may transact the user's purchase of the product. The purchase facilitating server may transmit a purchase confirmation to the mobile device as a receipt of the user's purchase.



No. of Pages : 79 No. of Claims : 114

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AUTHENTICATION OF TRANSACTIONS IN A NETWORK

(51) International classification :G06Q 20/00
(31) Priority Document No :12/684,634
(32) Priority Date :08/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061829
Filing Date :22/12/2010
(87) International Publication No :WO 2011/084832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INTUIT INC.

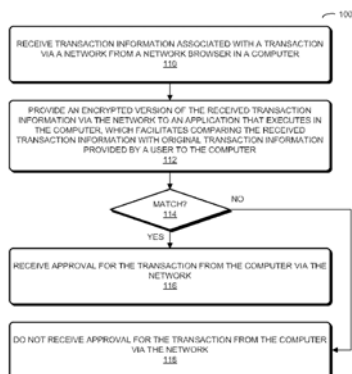
Address of Applicant :2700 Coast Avenue, Mountain View, California 94043 U.S.A.

(72)Name of Inventor :

1)FELDMAN, Marc

(57) Abstract :

A technique for conducting a transaction via a network is described. In this technique in response to receiving transaction information associated with the transaction via the network from a network browser in a computer a computer system provides an encrypted version of the received transaction information via the network to an application that executes in the computer which facilitates a comparison of the received transaction information with original transaction information provided by a user to the computer. Note that this application is separate from the network browser and the communication with the application via the network is independent of the network browser. Moreover if the received transaction information matches the original transaction information the computer system receives approval for the transaction from the computer via the network.



No. of Pages : 23 No. of Claims : 25

(21) Application No.1735/KOLNP/2012 A

(19) INDIA

(43) Publication Date : 01/03/2013

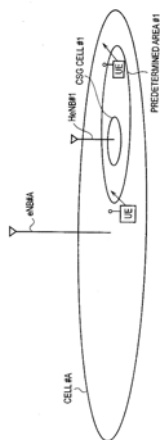
(54) Title of the invention : MOBILE COMMUNICATION METHOD,MOBILE STATION AND RADIO BASE STATION

(51) International classification	:H04W 36/04
(31) Priority Document No	:2010-003206
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050160
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/083837
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)NTT DOCOMO, INC.
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 (72)Name of Inventor :
1)IWAMURA,MIKIO

(57) Abstract :

Provided is a mobile communication method according to the present invention, including a step of transmitting, by a mobile station UE that is in communication in a cell #A of a first frequency f1, proximity indication including the PCI of a CSG cell #1 to a radio base station eNB#A managing the cell #A, a step of transmitting, by the mobile station UE, a measurement report including the PCI of the CSG cell #1 to the radio base station eNB#A; and a step of transmitting, by the mobile station UE, SI reporting including predetermined information broadcasted in the CSG cell #1 in response to an SI reporting request received from the radio base station eNB#A.



No. of Pages : 28 No. of Claims : 7

(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING CHANGES OF COURSE AND/OR CHANGES OF SPEED FOR A DESTINATION

(51) International classification	:G01S15/58,G01S3/808	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ATLAS ELEKTRONIK GMBH
(32) Priority Date	:NA	Address of Applicant :Sebaldsbrücker Heerstrasse 235, 28309
(33) Name of priority country	:NA	Bremen, GERMANY
(86) International Application No	:PCT/DE2010/000197	(72) Name of Inventor :
Filing Date	:22/02/2010	1)STEINER, Hans-Joachim
(87) International Publication No	:WO 2011/100938	2)STEIMEL, Ulrich
(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 identifying changes of course and/or speed for a destination using a multiplicity of measured bearing angles (22) which are ascertained by virtue of the directionally selective reception of sound waves emitted from the destination using an arrangement of water borne sound pickups (86) in a sonar receiving installation. To this end a first bearing profile (40) is calculated from a predetermined number k of most recently ascertained bearing angles and a second bearing profile (42) is calculated from a predetermined number i of earlier bearing angles ascertained before the k bearing angles. An expected bearing angle (56 58) for each of the two bearing profiles (40 42) is calculated at a current time (54) and is used to form a bearing angle difference |d|. This bearing angle difference |d| can be compared with a plurality of threshold values C1 C2 wherein an intersection point (72) for the bearing profiles (40 42) and an associated target manoeuvre time (74) are ascertained when one of the threshold values C1 C2 is reached and are output together with an information signal (75) relating to the identification of the target manoeuvre. The invention also relates to an apparatus for carrying out such a method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1747/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : METHOD FOR SEPARATING CLEANED USEFUL GAS FROM A GAS MIXTURE, AND DEVICE FOR IMPLEMENTING SAID METHOD

(51) International classification	:B01D53/00,B01D15/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 006 102.6	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:28/01/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/050756	(72)Name of Inventor :
Filing Date	:20/01/2011	1)BALDAUF; Manfred
(87) International Publication No	:WO 2011/092106	2)GRAEBER; Carsten
(61) Patent of Addition to Application	:NA	3)HANEBUTH; Marc
Number	:NA	4)ZIMMERMANN; Gerhard
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for separating a cleaned useful gas from a gas mixture substantially containing carbon dioxide, at least one useful gas, and at least one hazardous substance. The carbon dioxide is condensed, and the liquid carbon dioxide that is enriched with the hazardous substance is separated from the useful gas. The hazardous material is then separated from the liquid carbon dioxide by adsorption, and one part of the cleaned liquid carbon dioxide is introduced into the useful gas to absorb hazardous substances still contained in the useful gas.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1748/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : ELECTRICAL CONTACT ELEMENT HAVING A PRIMARY AXIS

(51) International classification	:H01H 1/38
(31) Priority Document No	:10 2010 005 945.5
(32) Priority Date	:22/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/050150
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/089035
(61) 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)MEINHERZ, Manfred

(57) Abstract :

The invention relates to an electrical contact element having a primary axis (2). The primary axis (2) pierces a polygonal base surface (1, 1a, 1b) of the contact element. A contact bushing (3, 3a) is arranged around the primary axis (2). An orifice of the contact bushing (3, 3a) opens into a top surface (4) which is arranged on a side of the contact element lying opposite to the base surface (1, 1a, 1b). The top surface (4) bulges spherically over the base surface (1, 1a, 1b) and transitions continually into a lateral face (5) connecting the base surface (1, 1a, 1b) and top surface (4).

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

(54) Title of the invention : ROTARY ENGINE

(51) International classification :F01C 1/36
 (31) Priority Document No :102010000976.8
 (32) Priority Date :18/01/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/050544
 Filing Date :17/01/2011
 (87) International Publication No :WO 2011/086183
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)FEUSTLE, Gerhard

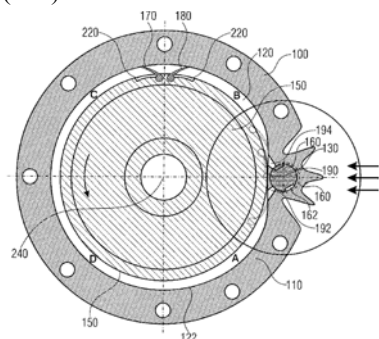
Address of Applicant :Raisting Str. 3, 86911 Dießen am Ammersee, Germany.

(72)Name of Inventor :

1)FEUSTLE, Gerhard

(57) Abstract :

The present invention describes a rotary engine comprising a housing body (110) having a first rotation chamber (120) and a second rotation chamber (130). A first rotary body (150) is arranged within the first rotation chamber (120) and a second rotary body (160) is arranged within the second rotation chamber (130). A boundary surface (122) of the first rotation chamber (120) has a variable distance from an opposite surface of the first rotary body (150). A pair of valve flaps comprising a first valve flap (170) and a second valve flap (180) is arranged on the first rotary body (150). Upon rotation of the first rotary body (150) the valve flaps (170, 180) are in engagement with the boundary surface (122) of the first rotation chamber (120) and are rotated in mutually opposite directions with regard to the first rotary body (150) so as to form two mutually demarcated working chambers (A,B) within the first rotation chamber (120).



No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1728/KOLNP/2012 A

(19) INDIA

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

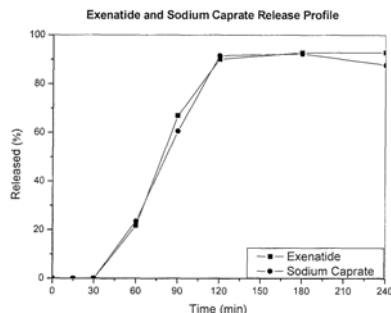
(43) Publication Date : 01/03/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ORAL DRUG DELIVERY

(51) International classification	:A61K9/16,A61K9/28	(71)Name of Applicant :	
(31) Priority Document No	:200910201248.3	1)NOD PHARMACEUTICALS, INC.	
(32) Priority Date	:16/12/2009	Address of Applicant :9924 Mesa Rim Road, San Diego, CA	
(33) Name of priority country	:China	92121 U.S.A.	
(86) International Application No	:PCT/US2010/060809	(72)Name of Inventor :	
Filing Date	:16/12/2010	1)LEE, William, W.	
(87) International Publication No	:WO 2011/084618	2)LU, Feng	
(61) Patent of Addition to Application	:NA	3)MIN, Yin	
Number	:NA	4)SHAO, Liuying	
Filing Date	:NA	5)SHE, Hao	
(62) Divisional to Application Number	:NA	6)SHEN, Zhou	
Filing Date	:NA		

(57) Abstract :

The invention provides a pharmaceutical composition for oral drug delivery comprising a solid dosage form containing an effective amount of a therapeutic agent a permeation enhancer and a pharmaceutically acceptable excipient and a bioadhesive layer containing a bioadhesive polymer, and optionally comprising an impermeable or semi permeable layer having an opening capable of directing a unidirectional release of the therapeutic agent and the permeation enhancer from the solid dosage form. Methods of making and using the present pharmaceutical composition are also provided.



No. of Pages : 87 No. of Claims : 37

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : AMPHIBIAN

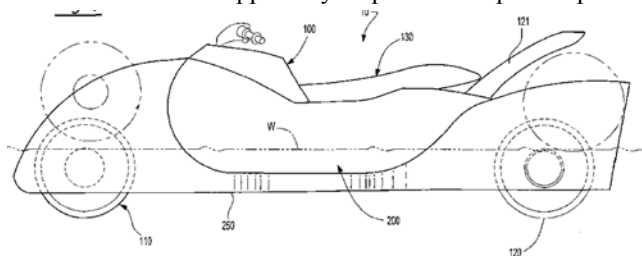
(51) International classification	:B60F 3/00
(31) Priority Document No	:61/289,170
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/002317
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/077090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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 CV11 4LY U.K.

(72)Name of Inventor :
1)GIBBS, Alan, Timothy
2)LONGDILL, Simon, James

(57) Abstract :

An amphibious motorcycle with a hull that provides desirable buoyancy for the vehicle to float while in the water and yet allows the vehicle to lean/turn during use on land is provided. The amphibious motorcycle has a front wheel with a front suspension system and a rear wheel with a rear suspension system. Also included can be at least one wheel retraction system that is operable to move the front wheel and/or the rear wheel between a deployed position for use of the amphibious motorcycle on land and a retracted position for use of the amphibious motorcycle on or in the water. The amphibious motorcycle also has a hull that can have a center portion with a center bow and two oppositely disposed and spaced apart side portions each with a side bow.



No. of Pages : 17 No. of Claims : 20

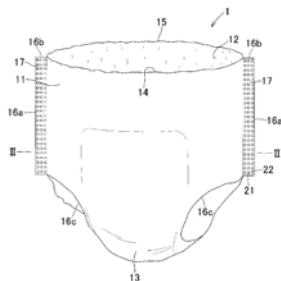
(54) Title of the invention : DISPOSABLE WEARING ARTICLES AND A SEAM WELDER USED TO FORM THE SAME

(51) International classification :B29C65/08,A61F13/15,A61F13/49
 (31) Priority Document No :2010-027855
 (32) Priority Date :10/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/000767
 Filing Date :10/02/2011
 (87) International Publication No :WO 2011/099297
 (61) 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, 7990111 JAPAN
 (72)Name of Inventor :
1)OTSUBO, Toshifumi
2)HASHIMOTO, Tatsuya
3)YAMASHITA, Mariko
4)NAKAMURA, Taishi

(57) Abstract :

The present invention is to provide wearing articles adapted to be identified one from another in one and same articles on the basis of a pattern of seam arrays differentiated for every one of the wearing articles belonging to one and same articles and to provide a seam welder used to form the seam arrays. Front side edges 16a, 16a and rear side edges 16b, 16b of a diaper 1 are respectively joined by seam arrays 17 extending in a longitudinal direction Y and thereupon a waist-opening and a pair of leg-openings are formed. The diaper 1 comprises an inner sheet 18, an outer sheet 19 and a liquid- absorbent core 20 sandwiched between these inner and outer sheets 18, 19. The inner and outer sheets 18, 19 are formed of heat-sealable fibrous nonwoven fabrics containing thermoplastic synthetic resins. Each of the seam arrays 17 of the diaper 1 comprises a plurality of seam-welded regions 21 and a seam-nonwelded region 22 left behind in the seam array 17. In the seam array 17, the seam-welded regions arranged so as to be aligned in longitudinal and transverse directions, each substantially shaped in a square, partially lack at a position differentiated for every one of specified patterns.



No. of Pages : 24 No. of Claims : 15

(54) Title of the invention : DEVICE AND METHOD FOR CLEANING CONVEYING SURFACE

(51) International classification :B65G45/10,B08B1/00,B08B3/04
 (31) Priority Document No :2009-286269
 (32) Priority Date :17/12/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/069759
 Filing Date :07/11/2010
 (87) International Publication No :WO 2011/074347
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)YOSHINO GYPSUM CO. LTD.

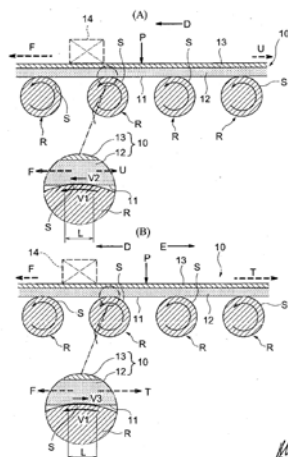
Address of Applicant :Shin-Tokyo Bldg. 3-1, Marunouchi 3-chome Chiyoda-ku Tokyo 1000005 JAPAN

(72)Name of Inventor :

1)HIROOKA, Yuichi

(57) Abstract :

In order to enable a conveying surface, which conveys an article or a material, to be cleaned with reduced manpower or in an automated manner to thereby enable the cleaning to be performed quickly and reliably, a cleaning device is provided with a cleaning tool (10) disposed over a conveying element (R). The cleaning tool has a cleaning surface (11) which makes contact with a conveying surface (S). The cleaning device has a traction device (6,7) which applies a tractive force (T) to the cleaning tool the tractive force (T) acting in the opposite direction (E) to the conveying direction (D) of a conveying path. The cleaning tool has an own weight (P) which maintains the contact between the cleaning surface and the conveying element when the conveying path is being operated and the cleaning tool cleans the conveying surface by means of the contact and separation between the cleaning surface and the conveying surface and by means of the relative displacements (V1 V2 V3) between the cleaning surface and the conveying surface.



No. of Pages : 41 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1740/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS FOR RECOVERING ETHANOL

(51) International classification :C07C29/149,C07C29/80,C07C29/84
(31) Priority Document No :61/300,815
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023269
Filing Date :01/02/2011
(87) International Publication No :WO 2011/097186
(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 :1601 West LBJ Freeway, Dallas, TX
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(72)**Name of Inventor :**
1)JEVTIC, Radmila
2)JOHNSTON, Victor, J.
3)PAN, Tianshu
4)SARAGER, Lincoln
5)WARNER, Jay, R.
6)WEINER, Heiko
7)CHAPMAN, Josefina, T.
8)CUNNINGHAM, Robert
9)GRUSENDORF, Gerald
10)HORTON, Trinity

(57) Abstract :

Recovery of ethanol from a crude ethanol product obtained from the hydrogenation of acetic acid. Separation and purification processes of the crude ethanol products are employed to allow recovery of ethanol and remove impurities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1743/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING AN ETJYL ACETATE SOLVENT AND CO-PRODUCTION OF ETHANOL

(51) International classification :B01J21/16,B01J23/62,B01J23/89
(31) Priority Document No :61/300,815
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023283
Filing Date :01/02/2011
(87) International Publication No :WO 2011/097197
(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)JOHNSTON, Victor J.
2)SARAGER, Lincoln
3)WARNER, R. Jay
4)CUNNINGHAM, Robert
5)HORTON, Trinity
6)JEVTIC, Radmila

(57) Abstract :

Recovery of an ethyl acetate solvent optionally with the recovery of ethanol from a crude product obtained from the hydrogenation of acetic acid. Separation and purification processes of the crude product are employed to allow recovery of the ethyl acetate solvent.

No. of Pages : 44 No. of Claims : 16

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM AND RADIO BASE STATION

(51) International classification :H04W16/26,H04J1/00,H04J11/00

(31) Priority Document No :2010-003381

(32) Priority Date :08/01/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/050184

Filing Date :07/01/2011

(87) International Publication No :WO 2011/083847

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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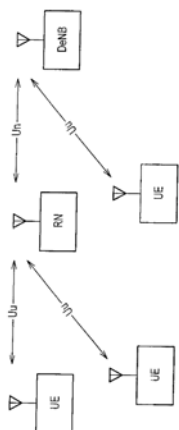
Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 JAPAN

(72)Name of Inventor :

1)IWAMURA, Mikio**2)TAKAHASHI, Hideaki**

(57) Abstract :

A mobile communication system wherein: a relay node (RN) is configured to time divide the subframes to be transmitted/received at a Un interface and the subframes to be transmitted/received at a Uu interface; and a radio base station (DeNB) is configured to use an individual signaling to transmit, to the relay node (RN), SI to be transmitted in a cell under the charge of the radio base station (DeNB).



No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1753/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, RADIO BASE STATION AND MOBILE STATION

(51) International classification	:H04W56/00
(31) Priority Document No	:2010-003376
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050213
Filing Date	:07/01/2011
(87) International Publication No	:WO 2011/083863
(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)IWAMURA, Mikio
2)UMESH, Anil

(57) Abstract :

A mobile communication method, in which a mobile station (UE) transmits upstream signals to a radio base station (eNB) by use of a plurality of component carriers having different carrier frequencies, comprises: a step (A) in which the radio base station (eNB) transmits, to the mobile station (UE), TA applied to the plurality of component carriers; and a step (B) in which the mobile station (UE) adjusts, based on the received TA, the timings of transmitting the upstream signals on the plurality of component carriers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1754/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : CRYSTALLINE SALTS OF A FACTOR XA INHIBITOR

(51) International classification :C07D409/14,A61K31/4439,A61P7/02
(31) Priority Document No :61/287,683
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060885
Filing Date :16/12/2010
(87) International Publication No :WO 2011/084652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MILLENNIUM PHARMACEUTICALS, INC.
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(72)**Name of Inventor :**
1)PANDEY, Anjali
2)QUEGAN, Louisa, Jane

(57) Abstract :

The present invention provides salts and crystalline forms of the compound 5-chloro-N-((1-(4-(2-oxopyridin-1(2H)-yl)phenyl)-1H-imidazol-4-yl)methyl)thiophene-2-carboxamide, and pharmaceutical compositions and method of use thereof.

No. of Pages : 81 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

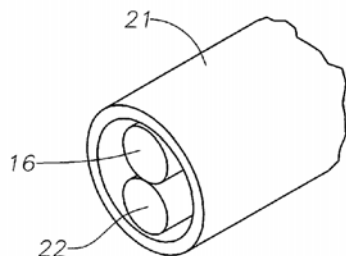
(54) Title of the invention : MULTI-FIBER FLEXIBLE SURGICAL PROBE

(51) International classification :A61B 18/18
(31) Priority Document No :61/305,407
(32) Priority Date :17/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060538
Filing Date :15/12/2010
(87) International Publication No :WO 2011/102870
(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)AULD, Jack R.
2)FARLEY, Mark H.

(57) Abstract :

A probe having a flexible small diameter fiber optic sheathed in a small diameter flexible tube comprising the distal tip of the probe. The small diameters of the fiber and tube allow the fiber to be bent in a tight radius comprising the major portion of the length of the exposed portion of the fiber with low tube bending forces during insertion providing a compact design which reduces or eliminates the need for a straight distal portion of flexible tube extending from the cannula. The small diameter tube also allows a greater wall thickness outer cannula to be used thereby increasing instrument rigidity. One embodiment encompasses a larger flexible tube with corresponding larger bend radius to encase a plurality of fiber optics providing separately optimized laser and illumination delivery paths. Anti friction coating material may be used to further reduce insertion forces.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1744/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

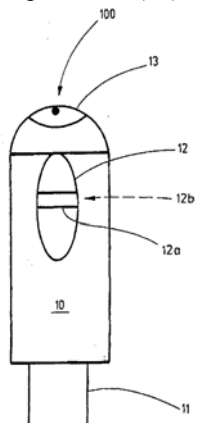
(54) Title of the invention : EXTERNAL DEVICE HAVING AT LEAST ONE MEMORY

(51) International classification :G06F21/20,G06F21/00
(31) Priority Document No :102009059077.3
(32) Priority Date :18/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007548
Filing Date :10/12/2010
(87) International Publication No :WO 2011/072826
(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)BRAUN, Uwe, Peter

(57) Abstract :

The invention relates to an external device (100) comprising at least one store, which device can be connected to a computer (24) or computer network via a serial bus system. In order to provide an external device (100) with the aid of which security relevant areas and sensitive data in computers (24) and computer networks have increased protection from being accessed by unauthorized users, the external device (100) comprises a processor (14) and a USB drive (15) and biometric means (12b) for identifying a person, wherein the processor (14), USB drive (15) and biometric means (12b) are coupled to each other.



No. of Pages : 42 No. of Claims : 21

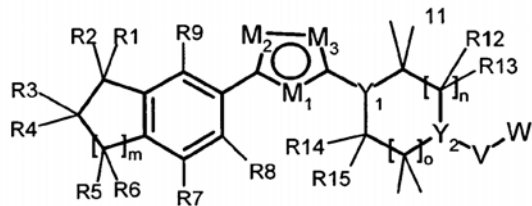
(54) Title of the invention : INHIBITORS OF SPHINGOSINE KINASE

(51) International classification :C07D249/06,C07D263/32,C07D277/28
 (31) Priority Document No :09015631.6
 (32) Priority Date :17/12/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2010/007003
 Filing Date :18/11/2010
 (87) International Publication No :WO 2011/082732
 (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)STIEBER, Frank
2)WIENKE, Dirk

(57) Abstract :

The present invention relates to compounds of formula (I), where R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, M1, M2, M3, Y1, Y2, V, W, n, m and o have the meanings given herein, and physiologically acceptable salts, derivatives, prodrugs, solvates, tautomers and stereoisomers thereof, including the mixtures thereof in all ratios, for use in the treatment of diseases which are influenced by inhibiting sph kinase 1.



No. of Pages : 283 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1746/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : HIGH STRENGTH GLASS FIBERS WITH CONTROLLED REFRACTIVE INDEX, COMPOSITION FOR MAKING SUCH FIBERS AND COMPOSITE MATERIALS FORMED THEREFROM

(51) International classification:C03C3/087,C03C13/02,C03C4/00

(31) Priority Document No :61/286,035

(32) Priority Date :14/12/2009

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

(86) International Application
No :PCT/US2010/060091

Filing Date :13/12/2010

(87) International Publication
No :WO 2011/081883

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OCV INTELLECTUAL CAPITAL, LLC

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(72)Name of Inventor :

1)HOFMANN, Douglas, Alan

2)MCGINNIS, Peter, Bernard

3)SKINNER, Rebecca, Elaine

(57) Abstract :

Glass fibers are presented having a composition of about 48-54 weight percent SiO₂; about 7-14 weight percent Al₂O₃, about 10-16 weight percent CaO, about 7-13 weight percent TiO₂, and about 9-19 weight percent ZnO. A composite material is also provided formed of a polymer matrix and glass fibers of the present invention. The fibers of the present invention have a refractive index between about 1.60 and 1.66 at 590 nm.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1757/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 01/03/2013

(54) Title of the invention : HYPERBRANCHED POLYESTER HAVING A HYDROPHOBIC CORE FOR SOLUBILIZING ACTIVE INGREDIENTS OF LOW SOLUBILITY

(51) International classification :A61K47/34,C08G18/28,C08G18/42
(31) Priority Document No :09179901.5
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069683
Filing Date :15/12/2010
(87) International Publication No :WO 2011/073222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
Address of Applicant :67056 Ludwigshafen GERMANY
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1)TÜRK, Holger
2)HABERECHT, Monika
3)YAMADA, Hiroe
4)BRUCHMANN, Bernd
5)SCHÖNFELDER, Daniel
6)ISHAQUE, Michael
7)CLAUSS, Joachim

(57) Abstract :

The present invention relates to a composition comprising an active ingredient soluble in water at 20°C at no greater than 10 g/L, and a hyperbranched polyester linked to a polar polymer comprising a polycondensate or a polymer comprising ethylene unsaturated monomers. The invention further relates to said hyperbranched polyester and to a method for the production thereof. The invention further relates to the use of the hyperbranched polyester for solubilizing the active ingredient in aqueous compositions.

No. of Pages : 36 No. of Claims : 12

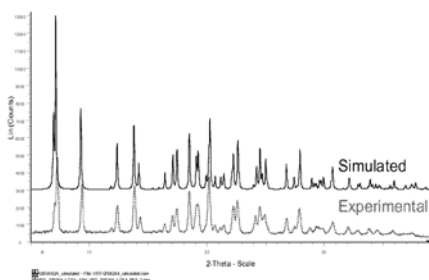
(54) Title of the invention : PYRAZOLOPYRIDINE KINASE INHIBITORS

(51) International classification :C07D471/04,A61K31/444,A61K31/496
(31) Priority Document No :61/298,649
(32) Priority Date :27/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022522
Filing Date :26/01/2011
(87) International Publication No :WO 2011/094273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VERTEX PHARMACEUTICALS INCORPORATED
Address of Applicant :130 Waverly Street, Cambridge, MA 02139 U.S.A.
(72)Name of Inventor :
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2)GOLEC, Julian, M.c.
3)SETTIMO, Luca
4)FRAYSSE, Damien
5)BRENCHLEY, Guy
6)BOYALL, Dean
7)TWIN, Heather
8)YOUNG, Stephen
9)MILLER, Andrew, W.
10)DAVIS, Christopher, John

(57) Abstract :

The present invention relates to compounds useful as inhibitors of protein kinase. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders. The invention also provides processes for preparing compounds of the inventions.

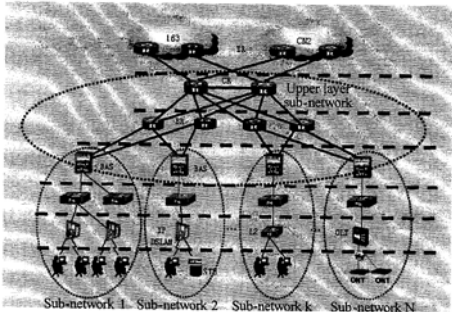


No. of Pages : 86 No. of Claims : 40

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR JOINT OPTIMIZATIONS

<div>(51) International classification :H04L12/24</div> <div>(31) Priority Document No :201010525399.7</div> <div>(32) Priority Date :30/10/2010</div> <div>(33) Name of priority country :China</div> <div>(86) International Application No :PCT/CN2011/075388</div> <div> Filing Date :07/06/2011</div> <div>(87) International Publication No :WO 2011/144178</div> <div>(61) Patent of Addition to Application Number :NA</div> <div> Filing Date :NA</div> <div>(62) Divisional to Application Number :NA</div> <div> Filing Date :NA</div>	<div>(71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant :Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. CHINA</div> <div>(72)Name of Inventor : 1)ZHANG, Hongbo 2)SHI, Guangyu 3)WEN, Liufei 4)XU, Xiangyang</div>
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(57) Abstract :
The embodiments of the present invention provide a method, an apparatus and a system for joint optimizations, wherein the method for the joint optimizations includes: the joint optimizations of a whole network are resolved to perform the joint optimizations in each sub-network, the bandwidth requirements for servers outside the sub-networks are regarded as the bandwidth requirements for a virtual server on the port, the joint optimizations are performed iteratively in each sub-network, and the results for performing the joint optimizations are applied in the network. In the embodiments of the present invention, the bandwidth requirements for servers outside the sub-networks are regarded as the bandwidth requirements for the virtual server on the port, the joint optimizations are performed iteratively in each sub-network, and the results for performing the joint optimizations are applied in the network, thus achieving parallel executions for the joint optimizations of the whole network, and simultaneously improving network performance and user experiences when users use the network.



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

(54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR SENDING SIGNAL

(51) International classification :H04W72/04
 (31) Priority Document No :201010003162.2
 (32) Priority Date :08/01/2010
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2011/070086
 Filing Date :07/01/2011
 (87) International Publication No :WO 2011/082682
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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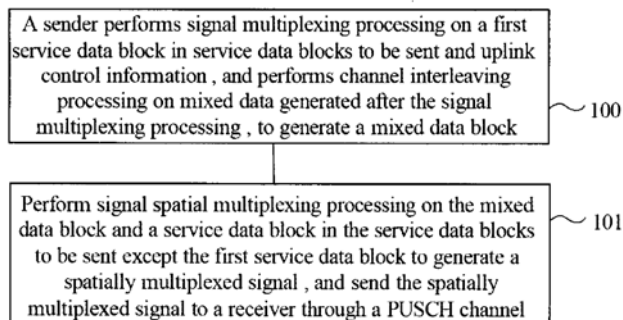
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(72)Name of Inventor :

1)GONG, Zhengwei**2)LI, Qi**

(57) Abstract :

The invention provides a method, device and system for signal transmission. The method includes that: a transmitter performs signal multiplexing processing for the first service data block in the service data blocks to be transmitted and uplink control information, performs channel interleaving processing for the hybrid data generated after the signal multiplexing processing, and generates a hybrid data block; the transmitter performs signal spatial multiplexing processing for the hybrid data block and the service data blocks except the first service data block in the service data blocks to be transmitted, generates a spatial multiplexing signal, and transmits it to a receiver via a Physical Uplink Shared Channel (PUSCH). The embodiments of the invention solve the signal transmission problem of the PUSCH after the Multiple-Input Multiple-Out-put (MIMO) technique is introduced into a Long Term Evolution - Advanced (LTE-A) system, enable the MIMO technique to be suitably applied to the LTE-A system, and increase the uplink transmission rate of the system.



No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1763/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : PROCESS FOR PURIFYING ETHANOL

(51) International classification :C07C29/149,C07C29/80,C07C31/08
(31) Priority Document No :61/300,815
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023272
Filing Date :01/02/2011
(87) International Publication No :WO 2011/097189
(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)WARNER, R. Jay
4)WEINER, Heiko
5)BOWER, Nathan
6)CHAPMAN, Josefina
7)GRUSENDORF, Gerald
8)SARAGER, Lincoln

(57) Abstract :

Purifying and/or recovery of ethanol from a crude ethanol product obtained from the hydrogenation of acetic acid. Separation and purification processes of crude ethanol mixture are employed to allow recovery of ethanol and remove impurities. In addition, the process involves returning acetaldehyde separated from the crude ethanol product to the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.297/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 01/03/2013

(54) Title of the invention : DEVICE ON A SPINNING ROOM PREPARATION MACHINE,ESPECIALLY A DRAW FRAME,CARDING MACHINE,COMBING MACHINE OR THE LIKE,HAVING A DRAFTING MECHANISM

(51) International classification	:G06F 1546
(31) Priority Document No	:102011110844.4
(32) Priority Date	:23/08/2011
(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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(72)Name of Inventor :

1)HERR DIRK MEIER

(57) Abstract :

In a device on a spinning room preparation machine, especially a draw frame, carding machine, combing machine or the like, having a drafting mechanism, a drafting mechanism lower part, in which lower rolls are mounted, and a drafting mechanism upper part, in which upper rolls are mounted, the upper part being movable from an open position (unweighted) to a closed position (weighted) and back, an unlocking and locking device is provided for the pressing devices of the upper rolls. In order to provide a structurally simple way of enabling the operations of unlocking/opening and closing/locking to be carried out using only one hand, the unlocking and locking device provides a one-handed operation device with which both the unlocking/opening and the closing/locking of the pressing devices of the drafting mechanism are each effected in one operating step.

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

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification :A61F13/56,A61F13/62
 (31) Priority Document No :2010-013136
 (32) Priority Date :25/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/000147
 Filing Date :13/01/2011
 (87) International Publication No :WO 2011/089871
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

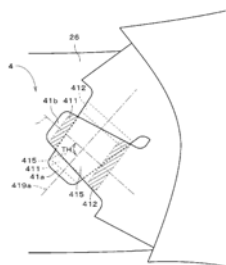
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Shikokuchuo-shi Ehime, 7990122 JAPAN

(72)Name of Inventor :

1)NISHIDA, Motoko**2)HASEBE, Yuki**

(57) Abstract :

Each of first fastening tapes and second fastening tapes provided on both left and right sides of a disposable diaper has a first fastening part and a second fastening part which are away from each other. When putting the disposable diaper on a slender wearer, the second fastening tape is fastened on an attachment part of main body part so as to be laid over the first fastening tape. In the second fastening tape, since an intermediate area is provided between the first fastening part and the second fastening part, a total area of fastening parts can be reduced. Since a distance between an outer edge of the first fastening part and an inner edge of the second fastening part is made larger than a width of a tape base at the intermediate area in the first fastening tape, the second fastening tape can be easily fastened.



No. of Pages : 25 No. of Claims : 9

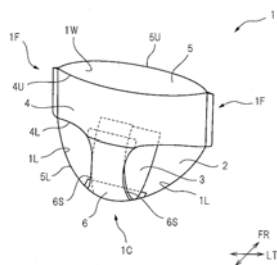
(54) Title of the invention : MANUFACTURING METHOD FOR ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/49,A61F13/496
 (31) Priority Document No :2010-019808
 (32) Priority Date :29/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/073908
 Filing Date :28/12/2010
 (87) International Publication No :WO 2011/093004
 (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)MUKAI, Hirotomo

(57) Abstract :

The disclosed manufacturing method for an underpants-style absorbent article includes the following steps: a sheet substrate which is the continuous form of a sheet which forms a front body or a back body is conveyed in a conveyance direction; next, by supplying a continuous elastic body to the sheet substrate while rocking the continuous elastic body in a direction perpendicular to the conveyance direction, the continuous elastic body is alternately disposed on the sheet substrate and outside the sheet substrate, and sections of the continuous elastic body which are disposed on the sheet substrate are mounted thereon; next, the sections of the continuous elastic body which are disposed outside the sheet substrate are held by a holder; next, the sections of the continuous elastic body which are disposed outside the sheet substrate are cut off.



No. of Pages : 54 No. of Claims : 9

(54) Title of the invention : SCHEDULING REQUEST METHOD, APPARATUS AND SYSTEM

(51) International classification :H04W72/14
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(71)Name of Applicant :

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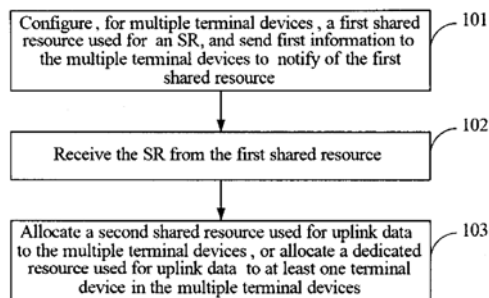
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(57) Abstract :

A method, network side device, terminal device and system for scheduling request are provided, and belong to communication technique field. The method includes: configuring a first shared resource using for Scheduling Request (SR) for multiple terminal devices, sending the first information to the multiple terminal devices for informing the first shared resource (101); receiving the SR in the first shared resource (102); assigning a second shared resource using for transmitting uplink data for the multiple terminal devices said above, or assigning a dedicated resource using for transmitting uplink data for at least one of the multiple terminal devices (103). The network side device includes: a configuration module, a receiving module and an assignment module. The terminal device includes: a receiving module, a request module and a sending module. The system includes: a network side device and a first terminal device. The present invention avoids the waste of the uplink data resource, improves the utilization rate of the uplink data resource and the transmitting success rate of the uplink data.



No. of Pages : 52 No. of Claims : 20

AMENDMENT UNDER SEC. 57 (KOLKATA)

An application for change in the name of the Patentee from MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. **TO PANASONIC CORPORATION** in respect of Patent No .226417 (1737/KOLNP/2005) was filed . Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

**PUBLICATION U/S 84(3) IN RESPECT OF APPLICATION FOR RESTORATION
OF PATENT (DELHI)**

Notice is hereby given that any person interested in opposing the following application 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, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATENT NO.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
236665	CARGILL DOW LLC(U.S.A.)	A FERMENTATION PROCESS CONDUCTED IN FERMENTATION MEDIUM HAVING A GROWTH PHASE AND A PRODUCTION PHASE	16/02/2010	DELHI
241194	NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD.(Bermuda)	A PROCESS FOR THE PREPARATION OF A PURINE DERIVATIVE FORMULA (A)	23/09/2010	DELHI
191077	DIRECTOR, NATIONAL SUGAR INSTITUTE (India)	A PROCESS FOR PRODUCING 5-HYDROXYMETHYL FURFURAL AND LEVULINIC ACID AS SEPARATE FRACTIONS FROM A SINGLE REACTION MIXTURE.	22/06/2010	DELHI
222772	DEXTRA ASIA CO. LTD.,(Thailand)	FORGING MACHINE FOR THE UPSETTING OF DEFORMED REINFORCEMENT BARS	27/05/2010	DELHI
243583	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH(India)	A PROCESS FOR THE PRESERVATION OF DEODURISED COCONUT SAP (NEERA	31/03/2011	DELHI
248127	THE STARWIRE (INDIA) LIMITED(India)	A PORTABLE SENTRYPOST	20/09/2011	DELHI
245247	ALEXANDR FEDOROVICH LUKIN(Russia)	A SYSTEM TO MAINTAIN TELEPHONE COMMUNICATION BETWEEN REMOTE STRUCTURED SITES	07/09/2011	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255437	1423/DEL/2004	30/07/2004		PYRROLO [2,1-C][1,4] BENZODIAZEPINE-ANTHRAQUINONE CONJUGATES USEFUL AS ANTITUMOUR AGENTS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
2	255441	2160/DEL/2006	29/09/2006		ORGANIC-INORGANIC HYBRID CHIRAL SORBENT AND PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC INDUSTRIAL RESEARCH	25/04/2008	DELHI
3	255443	2326/DEL/2004	19/11/2004	17/06/2004	AN APPARATUS FOR COORDINATION OF POWER STATE MANAGEMENT IN AN ELECTRONIC SYSTEM	INTEL CORPORATION	02/11/2007	DELHI
4	255447	492/DEL/2004	17/03/2004		BROAD WIDTH BACKWARD AEROFOIL BLADED FAN	BHARAT HEAVY ELECTRICALS LIMITED	26/05/2006	DELHI
5	255456	5093/DELNP/2006	20/04/2005	30/04/2004	HYPOTENSIVE LIPID-CONTAINING BIODEGRADABLE INTRAOCULAR IMPLANTS AND RELATED METHODS	ALLERGAN, INC.	22/06/2007	DELHI
6	255457	6307/DELNP/2006	28/04/2005	30/04/2004	PYRROLIDONE-CARBOXYLIC MODIFIED POLYSILOXANES HAVING AQUEOUS AND DETERGENT SOLUBILITIES AND WATER-IN-OIL EMULSION CAPABILITY	UNIQEMA AMERICA LLC.,	31/08/2007	DELHI
7	255458	1528/DELNP/2006	21/11/2005	07/12/2004	POLYBENZIMIDAZOLE-BENZAMIDE COPOLYMER AND PROCESS FOR PREPARING THE SAME	LG CHEM, LTD.	10/08/2007	DELHI
8	255464	3259/DELNP/2004	14/04/2003	19/04/2002	MANUALLY-ACTUATED FLUID DISPENSER PUMP	VALOIS S.A.S.	09/10/2009	DELHI
9	255465	2559/DEL/1996	21/11/1996	23/11/1995	A PROCESS FOR THE INTRODUCTION OF LIQUID DIRECTLY INTO A FLUIDIZED BED FOR GAS PHASE POLYMERIZATION PROCESS	BP CHEMICALS LIMITED	01/08/2008	DELHI
10	255468	3562/DELNP/2004	24/04/2003	28/05/2002	A METHOD AND A SYSTEM FOR FORMING LOAD UNIT	INTER IKEA SYSTEMS B.V.	27/11/2009	DELHI

11	255477	3389/DELNP/2008	13/10/2006	20/10/2005	RUST PREVENTIVE PIGMENT-CONTAINING POLYFUNCTIONAL EPOXY RESIN PAINT COMPOSITION, COATING FILM OF THE COMPOSITION, SUBSTRATE COATED WITH THE COATING FILM AND METHOD FOR PREVENTING CORROSION	CHUGOKU MARINE PAINTS, LTD.	15/08/2008	DELHI
12	255478	5939/DELNP/2006	26/04/2005	29/04/2004	CRUCIBLE FOR THE CRYSTALLIZATION OF SILICON	VESUVIUS CRUCIBLE COMPANY	13/07/2007	DELHI
13	255489	4121/DELNP/2007	28/11/2005	14/01/2005	A MULTICOMPONENT REFORMING CATALYST	HEADWATERS TECHNOLOGY INNOVATION LLC.,	31/08/2007	DELHI
14	255495	5517/DELNP/2007	22/12/2005	30/12/2004	A PROCESS FOR THE PRODUCTION OF PRODUCTS	BP CORPORATION NORTH AMERICA INC.	17/08/2007	DELHI
15	255497	1925/DELNP/2003	16/04/2002	16/04/2001	A METHOD FOR PREPARING GARMENTS	PANEBIANCO, ALBERT	03/04/2009	DELHI
16	255499	1036/DELNP/2003	23/11/2001	21/12/2000	FLUSH TOILET FOR HOUSEHOLD PETS	CHIU, CHUI-WEN	03/04/2009	DELHI
17	255505	3213/DELNP/2004	20/03/2003	22/03/2002	UV-CURABLE COATING COMPOSITION AND COATED ARTICLES	BASF COATINGS JAPAN LTD.	09/10/2009	DELHI
18	255506	440/DEL/2007	28/02/2007 12:07:01	14/03/2006	POLYMERIZATION PROCESS USING ZINC HALIDE INITIATORS	LANXESS INC.	28/09/2007	DELHI
19	255507	6461/DELNP/2007	15/02/2006	21/02/2005	METHOD FOR PRODUCING EXPANDING STYRENE POLYMER GRANULES	EUGENIA MICHAILOVA TARKOVA	31/08/2007	DELHI
20	255508	5451/DELNP/2005	28/06/2004	10/07/2003	A PROCESS FOR RECOVERY OF THERMAL ENERGY FROM AN OFFGAS STREAM	GRUPO PETROTEMEX, S.A. DE C.V.	02/10/2009	DELHI
21	255510	1840/DEL/2005	15/07/2005	30/07/2004	COMBUSTION CONTROL SYSTEM OF A HOMOGENEOUS CHARGE	CATERPILLAR INC.	31/07/2009	DELHI
22	255513	2167/DELNP/2006	11/10/2004	27/10/2003	PROCESS FOR THE PREPARATION OF 1-OCTENE	POLIMERI EUROPA S.P.A.	20/04/2007	DELHI
23	255516	4932/DELNP/2006	25/02/2005	15/03/2004	1-PHENYL AND 1-PYRIDYLPYRAZOLE DERIVATIVES AND THEIR USE AS PESTICIDES	MERIAL LTD.	17/08/2007	DELHI
24	255517	2705/DELNP/2006	16/11/2004	17/11/2003	EMULSIFIABLE COMPOSITION FOR USE IN PESTICIDES / HERBICIDES	SYNGENTA PARTICIPATIONS AG.	10/08/2007	DELHI
25	255528	1978/DEL/2005	26/07/2005		AN IMPROVED PROCESS	COUNCIL OF SCIENTIFIC &	31/07/2009	DELHI

					FOR PREPARATION OF HIGH-GRADE MANAGANESE ORE CONCENTRATE FROM FINELY DISSEMINATED LOW-GRADE SILICEOUS MANGANESE ORE	INDUSTRIAL RESEARCH		
26	255539	308/DEL/2006	03/02/2006		A PROCESS FOR THE PREPARATION OF DEHYDRATED BAMBOO SHOOTS WITH IMPROVED RECONSTITUTION	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	12/02/2010	DELHI
27	255540	6375/DELNP/2006	08/04/2005	08/04/2004	SCREENING METHOD FOR IDENTIFYING PUFA PKS IN SAMPLES	NUTRINOVA NUTRITION SPECIALITIES & FOOD INGREDIENTS GMBH	31/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	170592	76/BOM/1990	28/03/1990		A DEVICE FOR CARRYING AND DUMPING OF MATERIALS.	SUNIL BHUPENDRA PATEL,SAROJ KUMAR MOHANTY		MUMBAI
2	170999	91/BOM/1990	25/04/1990		POULTRY FEED COMPOSITION	HINDUSTAN LEVER LIMITED	23/06/1990	MUMBAI
3	171761	269/BOM/1990	12/10/1990		AN IMPROVED A DAPTER RING FOR FLOAT MOUNTING THE HORN AN HANDLE COLUMN OF 2/3 WHEELER SCOOTER/AUTORIKSHA AND THE LIKE MOTOR VEHICLE	AZIZ HAIDER HABIBULLA,SEENA MOHAN MOLTO,YUSUF HAIDER HABIBULLA	22/12/1990	MUMBAI
4	172843	220/BOM/1990	27/08/1990		AN APPARATUS FOR CONTROLLING THE EXECUTION OF INSTRUCTIONS IN A PIPELINE MODE.	BULL HN INFORMATION SYSTEMS INC.,	03/11/1990	MUMBAI
5	172845	229/BOM/1990	30/08/1990		A PROCESS FOR IMPROVEMENT IN ISOLATION OF PENICILLIN G SALTS FROM THE ORGANIC SOLVENT EXTRACT.	HINDUSTAN ANTIBIOTCS LTD	03/11/1990	MUMBAI
6	172847	42/BOM/1991	08/02/1991	13/02/1990	A COMPOSITION SUITABLE FOR CLEANSING THE WHOLE BODY SURFACE INCLUDING SKIN OR HAIR.	HINDUSTAN LEVER LIMITED,	03/11/1990	MUMBAI
7	172898	323/BOM/1990	03/12/1990		AN EMERGENCY ESCAPE EQUIPMENT FOR HIGH RISE STRUCTURES.	SHAM BHALCHANDRA ANTOORKAR	19/03/1991	MUMBAI
8	173179	93/BOM/1992	27/03/1992		AN IMPROVED DEVICE FOR SUCKING THE CUTTING OF DIP MOULDED CONTAINERS OF AN AUTOMATIC DIP MOULDED CONTAINER MANUFACTURING PLANT.	SCITECH CENTRE	27/06/1992	MUMBAI
9	174044	249/BOM/1991	30/08/1991		SYNERGISTIC DETERENT COMPOSITION AND METHOD FOR PREPARING THE SAME.	HINDUSTAN LEVER LIMITED,	07/12/1991	MUMBAI

10	174137	18/BOM/1992	14/01/1992		A DIRECT INDIALING SPECIAL FACILITIES EQUIPMENT FOR AUTHORISING ACCESS TO LONG DISTANCE TELEPHONE CALLS AND PAGING SERVICE FOR ACCOUNT HOLDERS ONLY.	S.RAJENDRAN	02/05/1992	MUMBAI
11	174393	46/BOM/1992	07/02/1992		A PROCESS FOR THE PRODUCTION OF NEW ANTIBACTERIAL ANTIBIOTICS 31668 P AND 31668 U AND PHARMACEUTICALLY USEFUL SALTS THEREOF FROM A MICROBIAL STRAIN VIZ. STREPTOMYCES SPECIES Y-90, 31668 (CULTURE NUMBER HOECHST INDIA LIMITED Y-90,31668) ITS MUTANTS AND VARIANTS	HOECHST INTDA LIMITED,	02/05/1992	MUMBAI
12	174538	18/BOM/1993	19/01/1993		A PROCESS TO MAKE A COMPOSITION FOR EARLY DETERCTION OF CANCER.	MADHAV BHALCHANDRA SAHASRABUDHE	10/04/1993	MUMBAI
13	255442	462/MUMNP/2008	21/08/2006	19/08/2005	METHOD AND DEVICE FOR PROCESSING PICTURE-IN-PICTURE (PIP) INFORMATION	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
14	255449	91/MUM/2006	19/01/2006	20/01/2005	WEB FED ROTARY PRESS	MANROLAND AG	31/10/2008	MUMBAI
15	255450	2217/MUM/2007	07/11/2007		A STRUCTURAL MEMBER FOR VEHICLE	TATA MOTORS LIMITED	28/12/2007	MUMBAI
16	255451	107/MUM/2008	16/01/2008 15:35:28	31/03/2007	AIR JET SPINNING MACHINE	OERLIKON TEXTILE GMBH & CO. KG	12/06/2009	MUMBAI
17	255452	1938/MUM/2007	01/10/2007		IMPROVED METHOD OF MANUFACTURING FRP TRIMS AND FRP TRIMS MANUFACTURED THEREOF	TATA MOTORS LIMITED	07/12/2007	MUMBAI
18	255453	2529/MUM/2007	24/12/2007 14:58:08	15/02/2007	ATTACHMENT FOR MACHINE TOOL	MITSUBISHI HEAVY INDUSTRIES, LTD.	16/07/2010	MUMBAI
19	255454	641/MUMNP/2008	02/10/2006	30/09/2005	CONTENT ADDRESSABLE MEMORY WITH MIXED SERIAL AND PARALLEL SEARCH	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
20	255455	1871/MUMNP/2008	14/12/2007	15/12/2006	METHOD OF MEASURING THE TENSILE STRESSING OF A MOVING WEB	TEXMAG GMBH VERTRIEBSGESELLSCHAFT	13/02/2009	MUMBAI
21	255460	1402/MUMNP/2007	16/02/2006	17/02/2005	CONTROL OF DATA CALL ORIGINATION BASED ON PRIOR ORIGINATION ATTEMPTS	QUALCOMM INCORPORATED	02/11/2007	MUMBAI
22	255467	1467/MUMNP/2008	05/01/2007	31/01/2006	AERATED PRODUCT	HINDUSTAN UNILEVER LIMITED	10/10/2008	MUMBAI

23	255469	1417/MUM/2007	23/07/2007 15:32:19	25/07/2006	QUICK PAGING CHANNEL DETECTION WITH SIGNAL TO NOISE RATIO DEPENDENT THRESHOLDS	VIA TECHNOLOGIES INC.	15/02/2008	MUMBAI
24	255470	476/MUMNP/2008	22/08/2006	22/08/2005	REVERSE LINK POWER CONTROL FOR AN OFDMA SYSTEM	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
25	255474	583/MUMNP/2006	28/11/2003	28/11/2003	AN ELECTRO-TECHNICAL DEVICE AND A METHOD FOR SECURING A SEALING JOINT USED ON SAID DEVICE	MAXWELL TECHNOLOGY INC.	30/03/2007	MUMBAI
26	255475	569/MUMNP/2008	12/07/2006	24/09/2005	THREAD TAKE- OFF ROLLER FOR A TEXTILE MACHINE PRODUCING CROSS - WOUND BOBBINS	OERLIKON TEXTILE GMBH & CO. KG	18/04/2008	MUMBAI
27	255476	755/MUMNP/2008	22/09/2006	22/09/2005	MULTI-DIMENSIONAL NEIGHBORING BLOCK PREDICTION FOR VIDEO ENCODING	QUALCOMM INCORPORATED	27/06/2008	MUMBAI
28	255490	980/MUMNP/2006	16/02/2005	17/02/2004	CONTACT LENS PACKAGE WITH CONTACT LENS	MENICON SINGAPORE PTE LTD	20/04/2007	MUMBAI
29	255491	350/MUMNP/2007	16/09/2005	23/09/2004	TRIAL IMPLANT FOR THE PREPARATION OF AN INTERVERTEBRAL SPACE	SPINE SOLUTIONS INC.	20/07/2007	MUMBAI
30	255492	427/MUMNP/2008	13/09/2006	23/09/2005	PROCESS FOR PRODUCING A FROZEN AERATED COMPOSITION	HINDUSTAN UNILEVER LIMITED	21/03/2008	MUMBAI
31	255493	554/MUMNP/2009	14/09/2007	06/10/2006	A GREEN LEAF PRODUCT AND A PROCESS FOR THE MANUFACTURE THEREOF	HINDUSTAN UNILEVER LIMITED	22/05/2009	MUMBAI
32	255494	118/MUMNP/2009	23/07/2007	24/07/2006	BEVERAGE PRECURSOR AND PROCESS FOR THE MANUFACTURE THEREOF	HINDUSTAN UNILEVER LIMITED	15/05/2009	MUMBAI
33	255498	1727/MUM/2006	18/10/2006		Direct Expansion Earth Coupled Heat Pump	HERBERT RITTBERGER	26/10/2007	MUMBAI
34	255502	425/MUMNP/2008	13/09/2006	23/09/2005	AERATED PRODUCT WITH REDUCED CREAMING	HINDUSTAN UNILEVER LIMITED	21/03/2008	MUMBAI
35	255520	746/MUM/2005	24/06/2005		A PRESSURE INDICATING APPARATUS	ANAND KUMAR JAIN	22/06/2007	MUMBAI
36	255522	1281/MUMNP/2008	28/12/2006	10/01/2006	METHOD OF PREPARING TERTIARY ALKYL ESTER OF POLYALKYLENE OXIDE ,	ENZON PHARMACEUTICALS, INC.	17/10/2008	MUMBAI
37	255525	239/MUMNP/2008	28/06/2006	04/08/2005	Yarn guiding device for a winding head of a textile machine producing cross- wound bobbins	OERLIKON TEXTILE GMBH & CO. KG	29/02/2008	MUMBAI
38	255529	1464/MUM/2005	24/11/2005	17/12/2004	A TURNING BAR UNIT FOR A WEB-FED ROTARY PRINTING MACHINE	manroland AG	29/06/2007	MUMBAI

39	255530	1390/MUMNP/2006	13/05/2004	13/05/2004	SYSTEM FOR ALLOCATING MOBILE STATIONS TO A CORE NETWORK IN AN UNLICENSED RADIO ACCESS NETWORK	TELEFONAKTIEBOLAGET L. M. ERICSSON (PUBL)	13/04/2007	MUMBAI
40	255533	153/MUMNP/2008	14/06/2006	30/06/2005	BIDET FOR TOILET BOWL FOR WASHING AN ANUS AND INNER PART OF AN INTESTINE	OH, YOUNG-KUK	22/02/2008	MUMBAI
41	255534	2116/MUM/2007	25/10/2007		BIAXIAL WHEEL HUB BEARING VALIDATION TEST RIG AND METHOD OF TESTING THEREOF	TATA MOTORS LIMITED	14/12/2007	MUMBAI
42	255537	975/MUM/2000	01/11/2000		AN APPARATUS FOR COLLECTING FLASH STEAM CONDENSATE AND HEAT IN A BOILER FEED WATER REACTOR SYSTEM	CHANDEAKANT S. SHAH	08/07/2005	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	255438	1427/CHE/2005	06/10/2005		METHOD OF ASSOCIATING AN IMAGE WITH PHONEBOOK DURING A VIDEO TELEPHONY CALL	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	04/03/2005	CHENNAI
2	255444	1778/CHENP/2008	02/10/2006	11/10/2005	IMIDAZO BENZODIAZEPINE DERIVATIVES	F. HOFFMANN-LA ROCHE AG	03/07/2009	CHENNAI
3	255445	2784/CHENP/2008	01/12/2006	06/12/2005	A HIGH STRENGTH HOT DIP GALVANNEALED STEEL SHEET AND A METHOD OF MANUFACTURING THE SAME	KABUSHIKI KAISHA KOBE SEIKO SHO	06/03/2009	CHENNAI
4	255448	4099/CHENP/2006	18/03/2005	07/04/2004	APPLIANCE FOR WATER-JET SURGERY	ERBE ELEKTROMEDIZIN GMBH	29/06/2007	CHENNAI
5	255459	2466/CHENP/2006	02/12/2004	07/12/2003	METHOD AND CONTROLLER FOR MONITORING A PLURALITY OF DIGITAL SUBSCRIBER LINE (DSL) MODEM PAIRS	ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INCORPORATED	08/06/2007	CHENNAI
6	255461	2346/CHENP/2004	21/04/2003	22/04/2002	A METHOD, APPARATUS AND SYSTEM FOR COLLECTING MEDIA CONSUMPTION DATA	NIELSEN MEDIA RESEARCH, INC.	21/09/2007	CHENNAI
7	255463	4814/CHENP/2006	20/06/2005	30/06/2004	PTERIDINE PIGMENTS CONTAINING PREPARATION	CIBA HOLDING INC.	05/10/2007	CHENNAI
8	255471	2569/CHE/2007	07/11/2007 17:48:17	08/11/2006	A PROCESS FOR TREATING FIBERFILL FIBERS WITH AQUEOUS DISPERSIONS OF ORGANOPOLYSILOXANES	WACKER CHEMIE AG	11/09/2009	CHENNAI
9	255472	2623/CHENP/2007	12/12/2005	17/12/2004	REACTOR FOR A CATALYTIC CONVERSION REACTION	HALDOR TOPSOE A/S	07/09/2007	CHENNAI
10	255479	1210/CHE/2007	12/06/2007 11:28:00		OPTICALLY PURE 1-ALKYL/ARYL-1-PHENYL-2-METHYLAMINOPROPANOL HYDROCHLORIDES AND PROCESS FOR THEIR PREPARATION	MALLADI DRUGS & PHARMACEUTICALS LTD	26/12/2008	CHENNAI

11	255480	4054/CHENP/2006	03/05/2005	04/05/2004	A METHOD OF MAKING CARBON BLACK PRODUCT	CABOT CORPORATION	15/06/2007	CHENNAI
12	255488	3754/CHENP/2006	01/04/2005	09/04/2004	AN INSPECTION SYSTEM AND A METHOD FOR INSPECTING AN OBJECT IN MOTION	AMERICAN SCIENCE AND ENGINEERING, INC.	06/07/2007	CHENNAI
13	255503	1869/CHE/2005	21/12/2005		METHOD AND SYSTEM FOR ENABLING DIRECT WUSB PEER TO PEER COMMUNICATION BETWEEN WUSB DEVICES	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	07/09/2007	CHENNAI
14	255504	4163/CHENP/2006	15/04/2005	15/04/2005	POLYBRANCHED, ORGANIC/INORGANIC HYBRID POLYMER AND METHOD FOR ITS MANUFACTURE	SINVENT AS	22/06/2007	CHENNAI
15	255511	3748/CHENP/2006	11/04/2005	09/04/2004	HEAT AND MASS EXCHANGER	AIL RESEARCH, INC	15/06/2007	CHENNAI
16	255512	4164/CHENP/2006	15/04/2005	15/04/2005	METHOD FOR MANUFACTURE OF POLYBRANCHED, ORGANIC/INORGANIC HYBRID POLYMERS	SINVENT AS	22/06/2007	CHENNAI
17	255514	2063/CHENP/2008	25/09/2006	26/09/2005	GAS BARRIER LAMINATE	UNITIKA LTD., TOYO INK MFG. CO., LTD	27/02/2009	CHENNAI
18	255532	3925/CHENP/2006	26/04/2004	26/04/2004	NATURAL GAS LIQUEFACTION	ORTLOFF ENGINEERS LTD	15/06/2007	CHENNAI
19	255536	734/CHENP/2008	13/07/2006	14/07/2005	SYSTEM AND METHOD FOR DETECTING IMBALANCES IN DYNAMIC WORKLOAD SCHEDULING IN CLUSTERED ENVIRONMENTS	INTERNATIONAL BUSINESS MACHINES CORPORATION	28/11/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	255439	74/KOL/2004	26/02/2004		DEVICE AND PROCESS FOR CLEANING FLUE GAS	SINGHANIA, LALIT KUMAR	11/09/2009	KOLKATA
2	255440	1116/KOLNP/2007	20/05/2005	08/10/2004	TOFFEE GUM COMPRISING CHOCOLATE	GUMLINK A/S	13/07/2007	KOLKATA
3	255446	3053/KOLNP/2007	15/02/2006	15/02/2005	A COMPOSITION HAVING A BASE POLYMER, AN OXIDIZABLE ORGANIC COMPONENT AND A TRANSITION METAL	CONSTAL INTERNATIONAL, INC.	07/12/2007	KOLKATA
4	255462	1266/KOL/2007	07/09/2007		METHOD FOR ESTIMATION OF SULPHUR IN COKE SAMPLES	TATA STEEL LIMITED	01/05/2009	KOLKATA
5	255466	4442/KOLNP/2007	18/05/2006	24/05/2005	CONTAINER WITH HOLLOW NEEDLE	VIFOR (INTERNATIONAL) AG	02/05/2008	KOLKATA
6	255473	966/KOL/2006	25/09/2006		BATTERY PLUG STRUCTURE	JYE CHUANG ELECTRONIC CO., LTD.	11/04/2008	KOLKATA
7	255481	4344/KOLNP/2007	04/01/2006	04/01/2006	A METHOD FOR PRE-HEATING IRON AGGLOMERATES USED IN STEEL MAKING	SAARSTAHL AG	21/03/2008	KOLKATA
8	255482	2106/KOLNP/2008	30/08/2007	15/09/2006	INK FOR INKJET RECORDING, INK SET FOR INKJET RECORDING, INK MEDIA SET FOR INKJET RECORDING, INK CARTRIDGE, INKJET RECORDING METHOD, AND INKJET RECORDING APPARATUS	RICOH COMPANY, LTD.	16/01/2009	KOLKATA
9	255483	2125/KOLNP/2006	31/01/2005	30/01/2004	A STEELMAKING PROCESS AND A DIRECT SMELTING PROCESS FOR PRODUCING MOLTEN IRON IN A DIRECT SMELTING VESSEL	TECHNOLOGICAL RESOURCES PTY. LIMITED	18/05/2007	KOLKATA
10	255484	943/KOL/2007	29/06/2007		DRAWING QUALITY AI-KILLED REPHOSPHORISED STEEL SHEETS HAVING TENSILE STRENGTH OF 340-440 MPA	TATA STEEL LIMITED	10/04/2009	KOLKATA

11	255485	833/KOL/2007	29/05/2007		A PORTABLE HAND OPERATED JACQUARD HANDLOOM FOR WEAVING	MOHARRAM ALI ALIAS HASHAM TURABI	05/12/2008	KOLKATA
12	255486	45/KOL/2004	04/02/2004	06/02/2003	AN INCENSE STICK BUNDLE FOR WORSHIPPING, AND METHOD AND DEVICE FOR FORMING AIR HOLE THEREIN	NIPPON KODO CO LTD	26/05/2006	KOLKATA
13	255487	880/KOL/2007	18/06/2007		METHOD OF ENHANCING WATER SPRAY COOLING OF STEEL	TATA STEEL LIMITED	03/04/2009	KOLKATA
14	255496	2635/KOLNP/2007	27/12/2005	18/02/2005	METHOD FOR PRODUCTION OF OPTICALLY ACTIVE EPOXY COMPOUND, AND COMPLEX USED THEREFOR AND PROCESS FOR PRODUCING THE SAME	JAPAN SCIENCE AND TECHNOLOGY AGENCY	31/08/2007	KOLKATA
15	255500	1345/KOL/2008	08/08/2008 16:09:56		AN AUTOMATIC GAS DELIVERY SYSTEM FOR DIFFUSION OF DOPANT IN SILICON USING A LIQUID DOPANT SOURCE SUCH AS PHOSPHOROUS OXYCHLORIDE (POCl ₃)	BHARAT HEAVY ELECTRICALS LIMITED	12/02/2010	KOLKATA
16	255501	3221/KOLNP/2006	18/02/2005	09/04/2004	5HT _{2C} RECEPTOR MODULATOR COMPOSITIONS	VIVEBIO, LLC	08/06/2007	KOLKATA
17	255509	19/KOL/2007	05/01/2007		AN IMPROVED ENVIRONMENT FRIENDLY, ENERGY SAVING MICROWAVE PROCESS FOR FAST SINTERING OF SHAPED PORCELAIN COMPONENTS IN AIR	BHARAT HEAVY ELECTRICALS LIMITED	18/07/2008	KOLKATA
18	255515	382/KOL/2005	09/05/2005		ELECTRIC SWITCH BOARD WITH PLUG-IN TYPE CIRCUIT CONTROL MEMBERS	SOUVIK GHOSH DASTIDAR	29/12/2006	KOLKATA
19	255518	3513/KOLNP/2006	07/07/2005	22/07/2004	METHOD FOR PURIFYING CO ₂ GASFLOW	EVONIK DEGUSSA GMBH	15/06/2007	KOLKATA
20	255519	2012/KOLNP/2007	21/12/2005	23/12/2004	5HT _{2C} RECEPTOR MODULATOR COMPOSITIONS	ARENA PHARMACEUTICALS, INC.	10/08/2007	KOLKATA
21	255521	4975/KOLNP/2007	24/05/2005	24/05/2005	METHODS OF EVALUATING UNDERSATURATED COALBED METHANE RESERVOIRS	YATES HOLDINGS LLP	02/01/2009	KOLKATA

22	255523	749/KOL/2004	22/11/2004	09/12/2003	METHOD FOR DATA RETENTION IN A STORAGE SYSTEM	EMC CORPORATION	13/02/2009	KOLKATA
23	255524	IN/PCT/2002/650/KOL	30/01/2002	31/01/2001	A WIRELESS COMMUNICATION TERMINAL AND A METHOD FOR DISALLOWING AN UNVERIFIED CALL THEREAT	NTT DOCOMO, INC.	11/03/2005	KOLKATA
24	255526	11/KOLNP/2008	29/06/2006	05/07/2005	PROCESS FOR THE MANUFACTURE OF DIESEL RANGE HYDROCARBONS	NESTE OIL OYJ	12/09/2008	KOLKATA
25	255527	444/KOLNP/2008	02/08/2005	02/08/2005	A TRANSFORMER SYSTEM FOR AN ELECTRICAL ARC FURNACE HAVING THREE ELECTRODES	SIEMENS AKTIENGESELLSCHAFT	17/10/2008	KOLKATA
26	255531	2405/KOLNP/2005	14/07/2004	14/07/2003	METHOD AND APPARATUS FOR GENERATING PACKET DATA TO SUPPORT MULTIPLE SERVICES IN A WIRELESS PACKET DATA COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	27/07/2007	KOLKATA
27	255535	2510/KOLNP/2007	12/12/2005	28/12/2004	MONOCLONAL ANTIBODIES AGAINST NKG2A	INNATE PHARMA, UNIVERSITA DI GENOVA	24/08/2007	KOLKATA
28	255538	4438/KOLNP/2007	19/05/2006	19/05/2005	A CIRCUIT BRAKER	SIEMENS INDUSTRY, INC.	02/01/2009	KOLKATA

CONTINUED TO PART- 2