

पेटेंट कार्यालय  
का  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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शुक्रवार
<b>FRIDAY</b>

दिनांक: 29/06/2012
<b>DATE: 29/06/2012</b>

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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 01<sup>st</sup> 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**

29<sup>th</sup> JUNE, 2012

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**THE PATENT OFFICE  
KOLKATA, 29/06/2012**

**Address of the Patent Offices/Jurisdictions**

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

1	<p>Office of the Controller General of Patents, Designs &amp; Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; 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: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></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 &amp; 2808 1940 E.mail: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></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](http://www.ipindia.nic.in)  
[www.patentoffice.nic.in](http://www.patentoffice.nic.in)

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

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

**पेटेंट कार्यालय**  
**कोलकाता, दिनांक 29/06/2012**  
**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><b>1</b></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: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	<p><b>4</b></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: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a> ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p><b>2</b></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: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a> ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p><b>5</b></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: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a> ❖ भारत का अवशेष क्षेत्र</p>
<p><b>3</b></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: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a> ❖ 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](http://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 18<sup>th</sup> 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.3535/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : HIGH SPEED CONTINUOUS MOTION APPARATUS FOR POUCH/ SACHET FORMING, FILLING AND SEALING

(51) International classification

:B65B

(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)CHATURVEDI, ASHOK**

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PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India

(72)Name of Inventor :

**1)CHATURVEDI, ASHOK**

(57) Abstract :

A high speed continuous motion apparatus for pouch forming, filling and sealing 100 (herein after referred to as apparatus (100)) is disclosure. The apparatus (100) may be utilized for making pouch from various substrates, such as polymeric film or laminate with or without paper or Aluminum, or paper or Aluminum laminate or paper itself. The apparatus (100) includes an unwind assembly (102), a web guide assembly (104), a folder assembly (106), a cylindrical sealing and product feeding head assembly (108) having a plurality of sealer arrangement (108a) and a plurality of product feeding hoppers (110), a feeder disc assembly (112), a top sealing assembly (114) and a perforation unit (116).

No. of Pages : 39 No. of Claims : 19



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1503/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : DEVELOPMENT OF THERMISTOR DEVICE FROM THE LIQUID CRYSTALLINE POLYMERS

(51) International classification

:C08F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**1)SARMA, NEELOTPAL SEN**

**2)DASS NARENDRA NATH**

**3)CHUTIA JOYANTI**

**4)HOQUE SAMIUL**

(57) Abstract :

The present invention provides polymers of cholesteryl methacrylate namely polysulfone of cholesteryl methacrylate and copolysulfone of cholesteryl methacrylate with 1-hexene, having sulphur content of 2.13% in polysulfone of cholesteryl methacrylate and 4.56% in copolysulfone of cholesteryl methacrylate with 1-hexene. A thermistor device comprising two copper plates and liquid crystalline polymers, said liquid crystalline polymers are polysulfone of cholesteryl methacrylate and copolysulfone of cholesteryl methacrylate with 1-hexene having sulphur content of 2.13% in polysulfone of cholesteryl methacrylate and 4.56% in copolysulfone of cholesteryl methacrylate with 1-hexene.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1601/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/05/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : A METHOD FOR ISOLATION OF BIOACTIVE COMPOUNDS, INCLUDING 1,2 PYRIDINYL ETHANONE AND EUGENOL, FROM PIPER BETEL AND ITS ANTIBACTERIAL USE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAM HIGGINBOTTOM INSTITUTE OF
(32) Priority Date	:NA	AGRICULTURE TECHNOLOGY AND SCIENCE
(33) Name of priority country	:NA	Address of Applicant :DEPARTMENT OF
(86) International Application No	:NA	MICROBIOLOGY AND FERMENTAION TECHNOLOGY,
Filing Date	:NA	ALLAHABAD, UTTAR PRADESH, 211007 INDIA.
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)LAWRENCE RUBINA
Filing Date	:NA	2)JEYAKUMAR G. EBENEZER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for isolating bioactive compounds, including 1,2 pyridinyl ethanone and Eugenol, from Piper betel comprising obtaining a Piper betel extract using different solvent systems selected from hexane, Petroleum ether. Chloroform, ethyl acetate or a combination thereof Different compounds are separated from said extract using a varying concentration of solvent mixture comprising hexane in combination with other solvents. The separated compounds are purified and screened for antibacterial compounds that show higher initial MIC values. The said bioactive compounds, including 1,2 pyridinyl ethanone and Eugenol, showed antibacterial activity against enteric pathogens.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1113/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : A PEN

(51) International classification

:B43K

(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)PAWAN KUMAR SHARMA**

Address of Applicant :SHARMA COTTAGE, NEAR OLD  
CHERRANJI BUILDING, TOTU, SHIMLA H.P.-171011 India

**2)ANIRUDH THAKUR**

(72)Name of Inventor :

**1)PAWAN KUMAR SHARMA**

**2)ANIRUDH THAKUR**

(57) Abstract :

The present invention relates to a pen. In particular the invention relates to a pen for filling of blank spaces in a Optical Mark Recognition (OMR) Sheet, which comprises of a ink containing material inserted in the space of spring. Said spring is then connected to a die with means of a holder, said die marks the desired shape and size.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1535/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : SHOWER FITTING FOR DISPENSING LIQUID ADDITIVES.

(51) International classification	:A47K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)VIPIN C BHOGAL</b>
(32) Priority Date	:NA	Address of Applicant :NO. 157, NILGIRI APARTMENTS,
(33) Name of priority country	:NA	ALAKNANDA, N.DELHI-110019 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)VIPIN C BHOGAL</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to make showering process enjoyable and relaxing, liquid additives such as aromatic oils and soothing lotions are mixed with bath water. The process of dispensing liquid additives to bath water has been the subject of a large number of patented inventions. These inventions aim to make the process of dispensing liquid additives to shower water more efficient and reliable. But these technical advances led to complex and expensive devices for the simple process of dispensing additives to bath water. Present invention addresses these problems and uses a simple device for controlled and more uniform mixing of liquid additives with bath water. The invention essentially consists of a capsule in line with water pipe leading to shower head, made of a porous / permeable material in fluid communication with a refillable container filled with liquid additives such as aromatic oils or soothing lotions. The porous material is shaped in such a way as to create suction by venturi effect while water flows through central bore of the capsule and create a flow path for the liquid additives towards shower water through pores.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PREPARING ELEMENTARY METALS LIKE SPONGE IRON EMPLOYING TUNNEL KILN OR SIMILAR KILNS

(51) International classification	:C21B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SURESH CHANDRA KHATTOI</b>
(32) Priority Date	:NA	Address of Applicant :C/O. PROJECT & ENGINEERING
(33) Name of priority country	:NA	CONSULTANCY, MINING ROAD, KEONJHAR, ORISSA
(86) International Application No	:NA	Orissa India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SURESH CHANDRA KHATTOI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparing elementary metals like sponge iron employing tunnel kiln or similar kilns. More particularly, this invention pertains to production of sponge iron from composite of ore and coal mixture in the moving bottom furnace and fixed bed condition in tunnel kiln. Furthermore, this invention also relates to enhanced productivity of sponge iron resulting in substantial cost savings and ease of maintenance while offering higher productivity and greater economy.

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

## **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.1923/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

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(54) Title of the invention : AMORPHOUS TRANSFORMER

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(51) International classification

:H01F27/25

(31) Priority Document No

:2010-

289858

(32) Priority Date

:27/12/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HITACHI INDUSTRIAL EQUIPMENT SYSTEM CO., LTD.**

Address of Applicant :3, KANDA NERIBEI-CHO, CHIYODA-KU, TOKYO 101-0022 JAPAN.

(72)Name of Inventor :

**1)MIKOSHIBA RYOSUKE**

**2)ENDO HIROYUKI**

**3)NAKANOU KENJI**

**4)TAKAHASHI TOSHIKI**

**5)HONMA TOORU**

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(57) Abstract :

An amorphous transformer which includes an amorphous core formed of an amorphous material with a lap provided at an upper portion and allowed to stand in substantially a vertical direction while being supported at a core support member, and a coil which is fitted with the amorphous core. The core support member is formed by integrating a core support member for supporting a side surface of the amorphous core and a corner support member for supporting a corner portion of the core. The core support member is provided in substantially a vertical direction along at least one of the side surfaces of the core.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4509/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD OF PRODUCING EPOXY COMPOUNDS

(51) International classification	:C07D 301/12
(31) Priority Document No	:2008-335187
(32) Priority Date	:26/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/071043
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/073960
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)SHOWA DENKO K.K.**

Address of Applicant :13-9, SHIBADAIMON 1-CHOME,  
MINATO-KU, TOKYO 1058518, JAPAN

(72)Name of Inventor :

**1)UCHIDA, HIROSHI**

(57) Abstract :

Provided is a method of efficiently producing an epoxy compound from an allyl ether having an aromatic ring under mild conditions by using hydrogen peroxide as an oxidizing agent without using an organic solvent. The method of producing an epoxy compound comprises reacting an allyl ether having an aromatic ring with hydrogen peroxide to epoxidize a carbon-carbon double bond of an allyl group to thereby produce a corresponding epoxy compound having an aromatic ring, wherein water only is used as a solvent without using an organic solvent, and a tungsten compound, and a tertiary amine and/or a quaternary ammonium salt, are used as a reaction catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4503/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : STRUCTURED PACKING FOR A REACTOR'

(51) International classification	:B01J 19/32
(31) Priority Document No	:61/207,170
(32) Priority Date	:09/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021401
Filing Date	:19/01/2010
(87) International Publication No	:WO 2010/090817
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)TRIBUTE CREATIONS, LLC**  
Address of Applicant :47 FERNWOOD DRIVE, WINDSOR  
LOCKS, CONNECTICUT 06096 U.S.A.  
(72)**Name of Inventor :**  
**1)FEINSTEIN, JONATHAN, JAY**

(57) Abstract :

A structured packing for a reactor is formed from a metal sheet to promote heat and mass transfer near the wall of the reactor. The structured packing causes lateral flow of fluids flowing through the packing such that jet impingement of at least one reactor wall is promoted. The packing may be used in a cylindrical, annular or plate-type reactor, e.g., a catalytic reactor, or a heat exchanger.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4505/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : LOCKING SYRINGE SYSTEM

(51) International classification	:A61M 5/32
(31) Priority Document No	:2009904666
(32) Priority Date	:25/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001257
Filing Date	:24/09/2010
(87) International Publication No	:WO 2011/035387
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)SSB TECHNOLOGY PTY LTD**

Address of Applicant :LEVEL 9, 37 ST GEORGE'S  
TERRACE, PERTH, WESTERN AUSTRALIA 6000 (AU)  
Australia

(72)Name of Inventor :

**1)AESCHLIMANN, ANDREAS**

(57) Abstract :

The invention provides methods and apparatus for reconstituting fluids and substances and injecting the reconstituted materials. Apparatus may include an injection needle having a hub, a draw-up needle having a hub, and a safety cap for engagement with a syringe barrel or reservoir for transfer and/or reconstitution and injection of fluids. The apparatus includes engagement means for securely engaging the hubs of the needles and/or cap to minimise inadvertent pricks with either of the needles during the filling of a syringe with reconstituted materials and injecting the materials. Preferably the engagement means incorporates a channel on one hub and a protrusion on the other hub. The system may incorporate a second bore for quick draw-up of materials and fluids for injection. Preferably, the apparatus comprises of polymeric materials which can be injection moulded. The invention includes methods for drawing-up and reconstituting fluids for injection.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4506/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : PRODUCTION OF SYNTHESIS GAS THROUGH CONTROLLED OXIDATION OF BIOMASS

(51) International classification :C12P  
(31) Priority Document No :61/203,181  
(32) Priority Date :19/12/2008  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/CA2009/001851  
Filing Date :18/12/2009  
(87) International Publication No :NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)ENERKEM, INC.**  
Address of Applicant :615 RENE-LEVESQUE OUEST #820,  
MONTREAL, QUEBEC H3B 1P5, CANADA

(72)**Name of Inventor :**  
**1)CHORNET, ESTEBAN**  
**2)VASECCHI, BORIS**  
**3)RHEAULT, SABASTIEN**  
**4)GAGNON, MARTIN**

(57) Abstract :

A process for producing synthesis gas from biomass in which biomass is contacted with oxygen and steam, wherein the oxygen is present in an amount effective to oxidize the biomass partially and to heat the biomass to a temperature of at least 500 degree C and no greater than 750 degree C. At least a portion of the partially oxidized biomass then is treated with oxygen and steam to heat the biomass to a temperature of at least 800 degree C, thereby producing a synthesis gas, which then is recovered.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4510/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

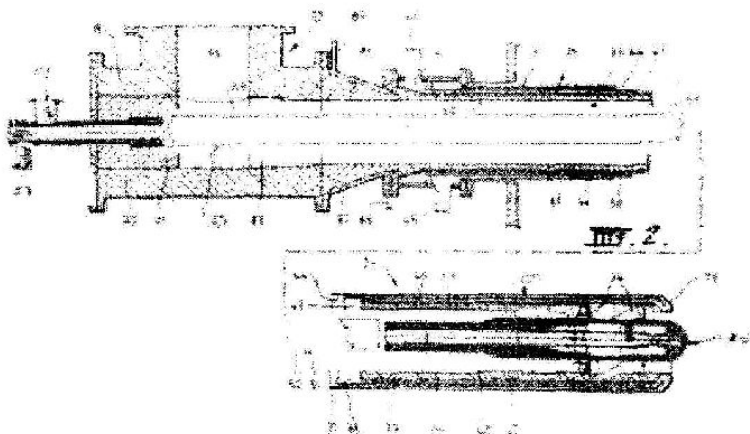
(54) Title of the invention : APPARATUS FOR INJECTING GAS INTO A VESSEL

(51) International classification :C21C 5/46  
(31) Priority Document No :2008906395  
(32) Priority Date :11/12/2008  
(33) Name of priority country :Australia  
(86) International Application No :PCT/AU2009/001606  
Filing Date :11/12/2009  
(87) International Publication No :WO 2010/066005  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)TECHNOLOGICAL RESOURCES PTY. LIMITED**  
Address of Applicant :120 COLLINS STREET,  
MELBOURNE VICTORIA 3000, AUSTRALIA  
(72)Name of Inventor :  
**1)CADY, BARRY, ALAN**

(57) Abstract :

An apparatus for injecting gas into a vessel is disclosed. The apparatus comprises a gas flow duct from which to discharge gas from the duct, an elongate central structure extending within the gas flow duct from its rear end to its forward end, and a plurality of flow directing vanes disposed about the central structure adjacent the forward end of the duct. The forward end of the central structure and the vanes are water cooled by separate supply passages.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4507/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : PHOTOCROMIC OPTICAL ARTICLES PREPARED WITH REVERSIBLE THERMOCHROMIC MATERIALS

(51) International classification	:C09K 9/02
(31) Priority Document No	:61/122,902
(32) Priority Date	:16/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067254
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/074969
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)TRANSITIONS OPTICAL, INC.**  
Address of Applicant :9251 BELCHER ROAD, PINELLAS PARK, FLORIDA 33782, UNITED STATES OF AMERICA  
(72)**Name of Inventor :**  
**1)KNOWLES, DAVID, B.**  
**2)STRAIGHT, STEPHEN, D.**  
**3)STEWART, KAVIN, J.**  
**4)BLACKBURN, FORREST, R.**

(57) Abstract :

Provided is a photochromic optical articleincluding: (a) an optical substrate; (b) a thermally reversible photochromic material; and (c) reversible thermochromic material capable of at least partially filtering UV/visible light at or below room temperature and becoming less capable of filtering UV/visible light at temperatures greater than room temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1273/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/06/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : FATTY ACYL ISETHIONATE PRODUCT-CONTAINING LIQUID CLEANSING COMPOSITIONS STABILIZED WITH MIXTURE OF LONG CHAIN AND SHORT CHAIN FATTY ACIDS/FATTY SOAPS

(51) International classification	:A61Q 19/10
(31) Priority Document No	:11/958471
(32) Priority Date	:18/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/067530
Filing Date	:15/12/2008
(87) International Publication No	:WO/2009/077495
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI - 400020,  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)TSAUR LIANG SHENG**

(57) Abstract :

The invention provides personal care or hair liquid cleansing compositions comprising fatty acyl isethionate products having more than 5% by wt. free fatty acid/fatty soaps which are stabilised using specific mixture of long chain and short chain fatty acids/fatty soaps; as well as by using proper ratio of total linear fatty acid/fatty soap to total synthetic surfactants (the total synthetic is the sum of (1 ) fatty acyl surfactant component of (a) - that is, the pure fatty acyl isethionate which does not include free fatty acids and/or fatty acid soaps in the fatty acyl surfactant product - and (2) the synthetic co-surfactant of (b)).

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1468/MUM/2006 A

(19) INDIA

(22) Date of filing of Application :14/09/2006

(43) Publication Date : 29/06/2012

(54) Title of the invention : STABILIZATION OF BUPROPION HYDROCHLORIDE

(51) International classification	:A61K31/138; A61K9/24; C08L33/00	(71)Name of Applicant : <b>1)ALEMBIC LTD</b> Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KSHIRSAGAR, RAJESH</b>
(33) Name of priority country	:NA	<b>2)RAO ASHWIN</b>
(86) International Application No	:NA	<b>3)PANDITA SANDEEP</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising bupropion hydrochloride and a pharmaceutically acceptable stabilizer where the stabilizer used is a dextrin, a polyacid derivative or a mixture of both.

No. of Pages : 14 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.157/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : INTRODUCING DNA INTO PLANT CELLS

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/221,626
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000526
Filing Date	:30/06/2010
(87) International Publication No	:WO/2011/001434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)Yisum Research Development Company of the Hebrew University of Jerusalem Ltd.**

Address of Applicant :Hi Tech Park The Edmond J. Safra Campus The Hebrew University of Jerusalem 91390 Jerusalem Israel.

(72)Name of Inventor :

**1)SELA Ilan**

**2)RABINOWITCH Haim David**

**3)GOVER Ofer**

(57) Abstract :

The present invention provides means and methods for simple and efficient introduction of foreign genetic material into the plant cell. Particularly the present invention combines seed priming and virus-based DNA constructs for efficient introduction of heterologous DNA into plants.

No. of Pages : 47 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.158/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : BENZAMIDE DERIVATIVES

(51) International classification	:A01N 43/50 ,A61K 31/415
(31) Priority Document No	:61/219,681
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038290
Filing Date	:11/06/2010
(87) International Publication No	:WO/2010/151441
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)The Translational Genomics Research Institute**

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**2)WANG Tong**

**3)GATELY Stephen**

(72)Name of Inventor :

**1)WANG Tong**

**2)GATELY Stephen**

(57) Abstract :

Disclosed are benzamide derivatives useful in slowing the expansion of cancer cells.

No. of Pages : 41 No. of Claims : 24



(12) PATENT APPLICATION PUBLICATION

(21) Application No.159/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : OSTOMY CONTAINMENT DEVICE

(51) International classification	:A61F 5/44,A61F 5/445
(31) Priority Document No	:61/225,546
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000565
Filing Date	:14/07/2010
(87) International Publication No	:WO/2011/007355
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)Stimatix GI Ltd.**

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20174 Doar-Na Misgav Israel.

(72)Name of Inventor :

**1)HANUKA David**

**2)OR Meir**

(57) Abstract :

An artificial Ostomy containment device comprising an implantable intra-abdominal sleeve adapted to interfere with movement of a closure assembly positioned within the sleeve; and a closure assembly comprising a hollow stomal insert sized and shaped to conduct waste content from an intestinal portion in an abdominal cavity through said insert and out of a stoma and a fixation element coupled to said stomal insert sized and positioned to interfere with said intra-abdominal sleeve.

No. of Pages : 118 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO THE REDUCTION AND REMOVAL OF PARTICLES

(51) International classification :A61B 18/00

(31) Priority Document No :0912821.6

(32) Priority Date :23/07/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/051196

Filing Date :21/07/2010

(87) International Publication No :WO/2011/010148

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)ASALUS MEDICAL INSTRUMENTS LIMITED**

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Newport Road Cardiff CF24 0AB United Kingdom.

(72)Name of Inventor :

**1)WARREN Neil**

**2)CROSSLEY Robin**

**3)BROWN Steven**

**4)CHEER Andrew**

(57) Abstract :

Disclosed is apparatus (100) for the reduction or removal of smoke particles suspended in a local atmosphere A and resulting from a surgical procedure the apparatus including or comprising two electrodes (140) and (150) each in electrical communication with or being electrically connectable to opposite poles of a source of high voltage dc electricity. A first of the electrodes (140) may be electrically connectable to a patient P. and a second (150) may be positionable within or adjacent a patient such that the two electrodes when in communication with opposite poles of said high voltage ionise said particles in use for attracting said particles toward the patient or toward the second of the electrodes.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD FOR PREPARING MANGANESE SULFATE

(51) International classification :C01G 45/10  
(31) Priority Document No :200910157921.8  
(32) Priority Date :16/07/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2010/073953  
Filing Date :13/06/2010  
(87) International Publication No :WO/2011/006407  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)GUIZHOU REDSTAR DEVELOPING CO. LTD.**  
Address of Applicant :Dingqi Town Zhenning County  
Anshun City Guizhou Province 561206 China  
**2)SHENZHEN HAOYITONG INVESTMENT AND  
DEVELOPMENT CO. LTD.**

(72)Name of Inventor :  
**1)JIANG Zhiguang**  
**2)HUA Dong**

(57) Abstract :

Provided is a method for preparing manganese sulfate which comprises the following steps: adding sulfide with reducing ability to manganese dioxide ore by quantification according to the reaction molar ratio to fully react determining the end-point of reaction and then separating and washing solid product; reacting the solid product with 9-12mol/L H<sub>2</sub>SO<sub>4</sub> controlling the end-point of reaction to pH 3-5 keeping the MnSO<sub>4</sub> concentration in the reaction liquid within the range of 300-400g/L and then separating solid from liquid after reaction; and using H<sub>2</sub>SO<sub>4</sub> to acidify the separated solution until the pH value of the solution is 2-3 adding hydrogen peroxide and heating finely filtering to remove solid phase and then vaporizing condensing crystallizing and dewatering the filtered liquid to obtain manganese sulfate. The method enables a plurality of heavy metals to be converted into indissoluble sulfides while obtaining manganous compounds that are dissoluble in acid.

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

(54) Title of the invention : MAGNETIC TRIGGER MECHANISM

(51) International classification	:H01F 7/16,H01H 71/32
(31) Priority Document No	:10 2009 030 479.7 DE
(32) Priority Date	:24/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000694
Filing Date	:17/06/2010
(87) International Publication No	:WO/2010/149134
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)Johnson Electric Dresden GmbH**

Address of Applicant :Wilhelm-Liebknecht-Strasse 6 01257 Dresden Germany

(72)Name of Inventor :

**1)Matthias Kulke****2)Thomas Roschke**

(57) Abstract :

The invention relates to a magnetic trigger mechanism at least comprising a yoke having an armature opening in which yoke an armature is placed which armature is coaxially surrounded by at least one section of the coil body having at least one excitation coil and which is acted on by the force of a preloaded spring element and which remains in a first end position due to the magnetic retaining force of a permanent magnet when current is not flowing through the excitation coil the permanent magnet being arranged in the area of the first end of the armature together with a base extending between the armature and the permanent magnet and the second end position of the armature being achieved by means of a brief flow of current through the excitation coil together with the accompanying lowering of the magnetic retaining force and the spring force, which is effective then. The invention is characterized in that the first end of the armature, which first end faces away from the armature opening, is guided in the coil body in a centered manner, and the second of the armature, which second end faces the armature opening, is likewise guided in a centered manner by means of a centering ring centered in the coil body, the highly permeable centering ring lies against the yoke at the armature opening and can move radially relative to the yoke, the base is centered in the coil body, the centering ring together with the coil body ensuring that the armature lies flat in the area of the first end without tipping and always guaranteeing maximum retaining forces due to the armature lying flat, the spring element having a larger diameter than the armature, and the magnetic flux commutating upon triggering from a series connection to a parallel connection.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.163/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : H. PYLORI LIPOPOLYSACCHARIDE OUTER CORE EPITOPE

(51) International classification :C12N 5/16  
(31) Priority Document No :61/230,315  
(32) Priority Date :31/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/CA2010/001173  
Filing Date :30/07/2010  
(87) International Publication No :WO/2011/011879  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)NATIONAL RESEARCH COUNCIL OC CANADA**  
Address of Applicant :BUILDING M58, 1200 MONTREAL  
ROAD, OTTAWA, ONTARIO K1A 0R6 CANADA  
(72)**Name of Inventor :**  
**1)ALTMAN, ELEONORA**  
**2)HARRISON, BLAIR A.**  
**3)CHANDAN, VANDANA**

(57) Abstract :

Helicobacter pylori, one of the most common human pathogens, is associated with the development of human chronic gastritis, peptic ulcers and gastric cancer. The invention relates to a  $\alpha$ 1,6-glucan-containing Helicobacter pylori compound comprising the structure of Formula (I): wherein R is a  $\alpha$ -DDHep-3- $\alpha$ -L-Fuc-3- $\beta$ -GlcNAc trisaccharide substituted with an  $\alpha$ 1,6-glucan linked to an  $\alpha$ 1,3-DD-heptan, and wherein the last DD-Hep residue of  $\alpha$ 1,3-DD- heptan is capped with  $\beta$ -GlcNAc residue. Compositions comprising the compound, uses of the compound, and antibodies raised against the compound are also described.

No. of Pages : 59 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.165/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : DIPHASIC ALGAL CULTURE SYSTEM

(51) International classification	:C12M 1/00
(31) Priority Document No	:2009/04369
(32) Priority Date	:23/06/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/052824
Filing Date	:22/06/2010
(87) International Publication No	:WO/2010/150190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)UNIVERSITY OF THE WITWATERSRAND,  
JOHANNESBURG**

Address of Applicant :1 JAN SMUTS AVENUE, 2050  
JOHANNESBURG SOUTH AFRICA(ZA) South Africa

(72)Name of Inventor :

**1)GRAY, VINCENT MYLES**

(57) Abstract :

This invention relates to photobioreactor systems for the production of at least biodiesel and/or hydrogen and/or methane, particularly for a diphasic photobioreactor system.

No. of Pages : 29 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.166/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : MATERIAL REMOVAL SYSTEMS AND METHODS UTILIZING FOAM

(51) International classification	:B23Q 11/02,B08B 5/04
(31) Priority Document No	:61/220,054
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025716
Filing Date	:01/03/2010
(87) International Publication No	:WO/2010/078604
(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)LENKEIT, HOLGER**  
**2)PETERS, ROGER**  
**3)MERSCH, PIERRE**

(57) Abstract :

A system and method for removing material (e.g., drilling or cutting) utilizing foam is provided. The system and method may comprise a vacuum collar that removes foam and residual particles from a cutting interface. The foam may be directed to a foam-to-liquid transforming device that decreases the volume of foam.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : MULTI-LAYERED CARBON NANOPARTICLES OF THE FULLEROID TYPE

(51) International classification	:C01B 31/02,B82B 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/RU2009/000364
Filing Date	:21/07/2009
(87) International Publication No	:WO/2011/010946
(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)PONOMAREV, ANDREY**

**2)IUDOVICH, MIKHAIL**

(57) Abstract :

Multi-layered carbon nanoparticles of the fulleroid type It is claimed the multi-layered carbon nanoparticles having an inter-layer distance of 0,34-0,36 nm and a toroidal shape, the ratio between the outer diameter and the thickness of the multi-layered body of the thorax being equal to (10-3):1, and the averaged size of 15-100 nm.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.170/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : DIESEL COMPOSITION AND PROCESS FOR IMPROVING OXIDATION STABILITY OF BIODIESEL

(51) International classification :C10L 1/24,C10L 1/183  
(31) Priority Document No :200910087970.9  
(32) Priority Date :26/06/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2010/000950  
Filing Date :25/06/2010  
(87) International Publication No :WO/2010/148652  
(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, YONGGUANG**  
**3)ZHANG, JIANRONG**  
**4)LI, HANG**  
**5)LI, SHUAI**

(57) Abstract :

Diesel composition contains a base diesel and an additive composition. The base diesel contains biodiesel. The additive composition contains components a and b. The component a is aromatic amine antioxidant. The component b is one or more polyamines or derivatives thereof. The diesel composition has better oxidation stability. A process for improving oxidation stability of biodiesel is also disclosed.

No. of Pages : 62 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.171/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROTON EXCHANGE MEMBRANE FUEL CELL

(51) International classification :H01M 8/10  
(31) Priority Document No :2009/04368  
(32) Priority Date :23/06/2009  
(33) Name of priority country :South Africa  
(86) International Application No :PCT/IB2010/052823  
Filing Date :22/06/2010  
(87) International Publication No :WO/2010/150189  
(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)ABDULKAREEM, AMBALI SAKA**  
**4)AFOLABI, AYO SAMUEL**  
**5)IDIBIE, CHRISTOPHER AVWOGHOKOGHENE**

(57) Abstract :

This invention relates to fuel cells, particularly proton exchange membrane fuel cells, more particularly to proton exchange membrane fuel cells employing nanocomposite sulphonated polystyrene-butadiene rubber-carbon nanoball (SPSBR-CNB) membranes as an electrolyte.

No. of Pages : 53 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYSTEM AND METHODS FOR WIRELESS BROADBAND DELIVERY OF DATA

(51) International classification :H04B 7/185  
(31) Priority Document No :61/213,999 (US)  
(32) Priority Date :06/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/044621  
Filing Date :05/08/2010  
(87) International Publication No :WO/2011/017573  
(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)Michael A. LEABMAN**

(57) Abstract :

A system and method for wireless data delivery is provided. The communication may be between the antenna arrays of an airborne platform (such as aircraft) and a surface base station. The antenna arrays may generate a plurality of directional synchronization beams directed in at a plurality of corresponding spatial directions. Other antenna arrays receive the directional synchronization beam and respond in kind providing the original antenna array a way to determine directionality of the other antenna arrays. The antenna arrays may then receive a training beam. The training beam includes known data such as a Fourier Matrix which may then be utilized to generate weights. Weights may then be utilized to modify either of the phase or amplitude of a base signal which is then sent to each of the elements of the antenna array in order to achieve directionality of the signal propagation.

No. of Pages : 73 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.174/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : GLYCOPOLYSIALYLATION OF NON-BLOOD COAGULATION PROTEINS

(51) International classification :A61K 47/48  
(31) Priority Document No :61/228,828  
(32) Priority Date :27/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/GB2010/001422  
Filing Date :26/07/2010  
(87) International Publication No :WO/2011/012850  
(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)NATH, SRIJIT**

**5)SIEKMANN, JUERGEN**

**6)HAIDER, STEFAN**

**7)ROTTENSTEINER, HANSPETER**

**8)TURECEK, PETER**

(57) Abstract :

A water soluble polymer, in particular polysialic acid (PSA) or a modified PSA (mPSA), is conjugated to an oxidized carbohydrate moiety of a glycoprotein other than a blood coagulation protein or to a ganglioside or drug delivery system by contacting the oxidized carbohydrate moiety with the water soluble polymer, wherein said water soluble polymer contains an aminooxy group and an oxime linkage is formed between the oxidized carbohydrate moiety and the aminooxy group on the water soluble polymer or wherein said water soluble polymer contains a hydrazide group and a hydrazone linkage is formed between the oxidized carbohydrate moiety and the hydrazide group on the water soluble polymer. Conjugates of aminooxy- or hydrazide-water soluble polymer, such as PSA and mPSA, are thus obtained in which the PSA or mPSA is attached via a carbohydrate moiety.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.175/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : OPTICAL SYSTEM WITH MULTIPLE SCANNERS FOR OPHTHALMIC SURGICAL LASER

(51) International classification :A61F 9/008

(31) Priority Document No :12/511,970

(32) Priority Date :29/07/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/042787

Filing Date :21/07/2010

(87) International Publication No :WO/2011/017001

(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)RAKSI, FERENC**

**2)BUCK, JESSE**

(57) Abstract :

An ophthalmic surgical laser system includes a laser engine, to generate a laser beam, a first Z scanner, to receive the generated laser beam, and to scan a focal spot of the laser system over a first Z interval along an optical axis of the laser system, an XY scanner, to receive the laser beam output by the first Z scanner, and to scan the focal spot of the laser system in a direction essentially transverse to the optical axis of the laser system, and a second Z scanner, to receive the scanned laser beam from the XY scanner, and to scan the focal spot of the laser system over a second Z interval along the optical axis of the laser system.

No. of Pages : 96 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.176/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : OPTICAL SYSTEM FOR OPHTHALMIC SURGICAL LASER

(51) International classification :A61F 9/008

(31) Priority Document No :12/511,960

(32) Priority Date :29/07/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/042777

Filing Date :21/07/2010

(87) International Publication No :WO/2011/016999

(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)RAKSI, FERENC**

**2)BUCK, JESSE**

(57) Abstract :

A laser delivery system for ophthalmic surgery includes a laser engine, configured to generate a laser beam, an optical block, to receive the laser beam generated by the laser engine and to precompensate an aberration of the laser beam, and an XY scanner, to receive, directly or indirectly, the precompensated laser beam outputted by the optical block and to scan the laser beam in a direction essentially transverse to an optical axis of the laser delivery system.

No. of Pages : 98 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : OPTICAL SYSTEM FOR OPHTHALMIC SURGICAL LASER

(51) International classification	:A61F 9/008
(31) Priority Document No	:12/511,988
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042800
Filing Date	:21/07/2010
(87) International Publication No	:WO/2011/017004
(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)BUCK, JESSE**

(57) Abstract :

An ophthalmic laser system includes a laser source, to generate a pulsed laser beam, an XY scanner, to receive the pulsed laser beam, and to output an XY-scanning beam, scanned in two directions essentially transverse to an optical axis, and a multi-functional Z scanner, to receive the XY-scanning beam, to output an XYZ-scanning beam, having a numerical aperture NA and a focal spot in a target region, and to modify the numerical aperture NA essentially independently from scanning a Z focal depth of the focal spot along the optical axis.

No. of Pages : 100 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : OPTICAL SYSTEM WITH MOVABLE LENS FOR OPHTHALMIC SURGICAL LASER

(51) International classification :A61F 9/008  
(31) Priority Document No :00000  
(32) Priority Date : -  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US10/042791  
Filing Date :21/07/2010  
(87) International Publication No :WO/2011/017002  
(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)RAKSI, FERENC**  
**2)BUCK, JESSE**

(57) Abstract :

An eye-surgical laser system includes a laser source, to generate a laser beam, an XY scanner, to scan a focal spot of a received laser beam in an XY direction essentially transverse to an optical axis of the laser system, and a lens group, disposed in the optical path between the laser source and the XY scanner, to receive the laser beam generated by the laser source, to precompensate an aberration of the laser beam, and to forward the precompensated laser beam to the XY scanner, the lens group having a movable lens, movable in a Z direction along an optical axis.

No. of Pages : 102 No. of Claims : 21



(12) PATENT APPLICATION PUBLICATION

(21) Application No.552/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : MOBILE SYSTEM FOR OIL TRANSFER□

(51) International classification	:B65B 3/26, B65B 1/32,B65B 1/46,
(31) Priority Document No	:2008904337
(32) Priority Date	:22/08/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/001074
Filing Date	:21/08/2009
(87) International Publication No	:WO/2010/020009
(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)MITROPOULOS NICKOLOAS**

(57) Abstract :

A material transfer unit moveable between a supply station and a material storage tank or cooking vat including: at least one mobile container, the container having an internal compartment for receiving a quantity of material or mixture of materials from the supply station, a controller operatively connected to the supply station, a pump means supported by the container for transferring material from the internal compartment to a vat or other storage or packaging means, a weigh cartridge including a weigh pan, the weigh pan being operably connectable to the controller, at least one mounting portion adjacent to or on the container for removably receiving the weigh cartridge, whereby the weigh pan is connected to a weigh indicator which is calibrated to determine the amount of material transferred from or received by the container, and wherein upon receiving or or transferring of material, the change in weight of the container is measured by the weigh pan and the actual amount of material transferred is determined by the weigh indicator on a weight differential calibration.

No. of Pages : 47 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.554/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : POLYOLEFIN RESIN COMPOSITION

(51) International classification	:C08L 23/00,C08K 5/00,C08K 5/16
(31) Priority Document No	:2008-219829
(32) Priority Date	:28/08/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/064620
Filing Date	:21/08/2009
(87) International Publication No	:WO2010/024191
	A1
(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)UEDA , NAOTO**

**4)TSUNEIZUMI , YOTA**

(57) Abstract :

The present invention provides a polyolefin-based resin composition containing a crystal nucleating agent having a specific structure, which polyolefin-based resin composition has a superior transparency and whose crystallization is facilitated. The polyolefin-based resin composition is characterized by comprising, with respect to 100 parts by mass of a polyolefin-based resin, 0.01 to 1 parts by mass of at least one crystal nucleating agent selected from the group consisting of crystal nucleating agents each having a structure represented by one of the following Formulae (1) to (6).

No. of Pages : 92 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.553/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD FOR COATING FOOD PRODUCTS□

(51) International classification	:A23B 7/153, A23B 7/16,A23L 1/00
(31) Priority Document No	:0856351
(32) Priority Date	:22/09/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050153
Filing Date	:02/02/2009
(87) International Publication No	:WO/2010/031929
(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)SARDO Alberto**

(57) Abstract :

The invention relates to a method for coating food products that includes applying, on said food products, a composition containing one or more film-forming agents in a solvent, characterised in that said application is carried out by atmospheric pressure showering of said composition or by immersion into said composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : VIDEO CODING USING TRANSFORMS BIGGER THAN 4X4 AND 8X8□

(51) International classification	:H04N 7/26 , H04N 7/30,H04N 7/50
(31) Priority Document No	:61/102,783
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059014
Filing Date	:30/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**3)KARCZEWICZ Marta**

(57) Abstract :

In a video processing system, a method and system for applying transforms larger than 8x8 and non-rectangular transforms, and generating transform size syntax elements indicative of the transforms for video decoding are provided. The transform size syntax element may be generated by an encoder based on a prediction block size of a video block and the contents of the video block. Further, the transform size syntax element may be generated according to a set of rules to select from 4x4, 8x8, and larger transform sizes during an encoding process. A decoder may perform an inverse transform based on the transform size syntax element and the rules used by the encoder. The transform size syntax element may be transmitted to the decoder as part of the encoded video bitstream.

No. of Pages : 45 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : EFFICIENT PREDICTION MODE SELECTION□

(51) International classification	:H04N 7/26
(31) Priority Document No	:61/103,100
(32) Priority Date	:06/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059698
Filing Date	:06/10/2009
(87) International Publication No	:WO/2010/042518
(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)KARCZEWICZ Marta**

(57) Abstract :

In generally, techniques are described for efficiently selecting a prediction mode by which to predict predictive video data from reference video data. In particular, an apparatus may include a memory that stores at least a first and second reference coded unit that each includes a first and second reference video data unit, respectively. The apparatus may further comprise a motion compensation unit that performs default weighted prediction to predict a first version of a predictive video data unit from the first and second reference video data units and calculates an offset value for the first version of the predictive video data unit. The motion compensation unit may then perform, based on the calculated offset value, either implicit weighted prediction or explicit weighted prediction to predict a second version of the predictive video data unit and encode the predictive video data unit as either the first or second version.

No. of Pages : 57 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : OPTICAL DETECTION OF PARTICLE CHARACTERISTICS □

(51) International classification	:G01N 21/53 , G01N 21/85,G01N 21/94
(31) Priority Document No	:2008904626
(32) Priority Date	:05/09/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/001162
Filing Date	:04/09/2009
(87) International Publication No	:WO/2010/025520
(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)ALEXANDER Brian**

**2)VAYEDA Nitin**

**3)AJAY Kemal**

(57) Abstract :

A method of detecting particles in an air flow is described. The method includes receiving a signal indicative of light intensity scattered from the air flow at a plurality of wavelengths and processing the signal indicative of the intensity of received light at each of the wavelengths and a corresponding wavelength dependent parameter to generate an output signal indicative of at least one characteristic of particles in the air flow. A particle detection system is also described.

No. of Pages : 37 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.563/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : OPTICAL SYSTEM, PROCEDURE AND COMPUTER PROGRAMME TO DETECT THE PRESENCE OF A LIVING BIOLOGICAL ELEMENT

(51) International classification	:G01B 11/00
(31) Priority Document No	:P200802739
(32) Priority Date	:26/09/2008
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2008/000669
Filing Date	:29/10/2008
(87) International Publication No	:WO/2010/034848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Amsterdam Netherlands.

(72)Name of Inventor :

**1)SANCHEZ DEL RIO SAEZ Jos**

**2)VELEIRO ARADAS Ra'l**

**3)ANTEQUERA RODRIGUEZ Nicol;s**

(57) Abstract :

The system is comprised of at least one pair of light sources (1;2;3) that emit pulsed electromagnetic radiation in the near-infrared zone; at least one pair of light sources (1;2;3) that emit radiation in the near-ultraviolet zone; at least one photodetector (4) with the absorption band located in the near-infrared zone, for detecting the pulsed radiation transmitted and reflected on the biological element, on the basis of the pulsed radiation emitted by the pair of light sources that emit the radiation in the near-infrared; at least one photodetector (5) with the absorption band located in the near-ultraviolet zone, for detecting the pulsed radiation transmitted and reflected on the biological element, on the basis of the pulsed radiation emitted by the pair of light sources (1;2;3) that emit the radiation in the near-ultraviolet zone; a control unit (8(c)) that interprets the pulsed radiation transmitted and reflected on the biological element; and a processing unit (8(d)) that determines if it is a living biological element, on the basis of the radiation interpreted by the control unit.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.560/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : DEVICE FOR COATING FOOD PRODUCTS, PARTICULARLY FRUITS AND VEGETABLES □

(51) International classification	:A23B 7/153, A23B 7/16,A23L 1/00
(31) Priority Document No	:0856351
(32) Priority Date	:22/09/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051783
Filing Date	:22/09/2009
(87) International Publication No	:WO/2010/031983
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)XEDA INTERNATIONAL**

Address of Applicant :Zone Artisanale la Crau Route Nationale 7 F-13670 Saint Andiol France

(72)Name of Inventor :

**1)SARDO Alberto**

**2)SARDO Stefano**

(57) Abstract :

The present invention relates to a device for coating food products, the device (1) having a coating area (3) including: - a coating conveyor (11) provided to convey the food products in a longitudinal direction; - a device (13) for applying a coating composition onto the food products that are conveyed on the coating conveyor (11); characterized in that the coating conveyor (11) includes a frame (15), a plurality of rotary brushes (17) that are stationary in the longitudinal direction relative to the frame (15), and a motor assembly (19) for rotating the brushes (17) around respective transverse axes in relation to the frame (15), the brushes (17) being placed so as to together define a surface (21) for holding and conveying the food products and being provided to roll the food products during the application of the coating composition.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.564/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :22/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : ADAPTIVE SELF PUMPING SOLAR HOT WATER HEATING SYSTEM WITH OVERHEAT PROTECTION

(51) International classification	:F24J 2/04, F24D 15/00,F24J 2/24
(31) Priority Document No	:61/195,288
(32) Priority Date	:06/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005484
Filing Date	:06/10/2009
(87) International Publication No	:WO/2010/042171
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SUNNOVATIONS INC.**  
Address of Applicant :1616 Anderson Road McLean VA  
22102 UNITED STATES OF AMERICA  
(72)**Name of Inventor :**  
**1)VAN HOUTEN Arnoud**

(57) Abstract :

Solar collectors heat and self pump heat transfer fluid at reduced system pressure without mechanical intervention for heat exchange with hot water in a storage tank. Slugs of hot fluid are pumped by steam bubbles formed in solar collector tubes through an upper manifold and an exit-tube into an upper hot fluid reservoir. Hot fluid flows downward through a heat exchanger at the tank. Cold fluid returns to a lower reservoir. condensed by cooler water and walls of the lower reservoir. The cool fluid returns from the lower reservoir to a lower manifold supplying the collector tubes. Below ambient pressure is automatically established in the system. When heat build-up increases pressure in the system, fluid flows to a third closed variable volume reservoir. A float valve in the bottom of the third reservoir allows liquid to return to the system when it cools.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.629/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :30/06/2007

(43) Publication Date : 29/06/2012

(54) Title of the invention : A SHEET METAL STAMPING PROCESS AND DEVICE FOR THE SAME

(51) International classification	:B21022/02	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LARSEN &amp; TOUBRO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	MUMBAI 400 001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HEMANT S. KETKAR</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for stamping a predetermined profile on a sheet metal strip and a support for a stamping device thereof, wherein the support is provided to a side of a metal strip to provide strength to the metal strip against the side thrust imposed as a result of notching. The support comprises a spring loaded round pilot assembly positioned in the die block, which is guided by the die block so that the supporting pilot is engaged with previously notched edge of the metal strip before the second notching pilot touches the top of the metal strip. The supporting pilot reduces distortion of the metal strip and avoids extra burr development. The process of the invention avoids any dimensional variation in the final metal strip during the stamping operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.97/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 29/06/2012

(54) Title of the invention : COMBINED PREPARATION FOR USE AS A MEDICAMENT

(51) International classification :A61K 31/4422

(31) Priority Document No :0911982.7

(32) Priority Date :09/07/2009

(33) Name of priority country :GB

(86) International Application No :PCT/GB2010/001324

Filing Date :09/07/2010

(87) International Publication No :WO/2011/004166

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)CBT DEVELOPMENT LIMITED**

Address of Applicant :C/O MOFO NOTICES LIMITED  
CITY POINT, ONE ROPEMAKER STREET LONDON, EC2Y  
9AW UNITED KINGDOM

(72)Name of Inventor :

**1)RICHARDSON, PETER**

(57) Abstract :

A combined preparation comprising an A2A adenosine receptor agonist and a calcium channel blocker is described. The effect of the A2A adenosine receptor agonist is enhanced in the presence of the calcium channel blocker. Methods for treatment of pathological conditions using the combined preparation are described.

No. of Pages : 39 No. of Claims : 20

(54) Title of the invention : A SYSTEM AND METHOD FOR RAPIDLY SOURCING RESUMES FROM JOB SEEKERS IN A VERY COST EFFECTIVE MANNER, FOR AN EMPLOYMENT WEBSITE

(51) International classification	:G06Q, G06F17/00	(71) <b>Name of Applicant :</b> <b>1)CONSIM INFO PVT. LTD.</b> Address of Applicant :301, FIRST FLOOR, PRINCE CENTER, NO. 709, ANNASALAI(PATHARI ROAD), CHENNAI-600 006. Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JANAKIRAMAN MURUGAVEL</b>
(87) 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 system for implementing an on line incentive-based method for matching job-seekers to potential employers in an internet based employment website including: -means for maintaining a database of job-seekers with means for posting and updating resumes by the registered job-seekers in said database, -means for maintaining a database of employers interested in accessing and viewing the job-seekers resume that matches the job requirement criteria for vacant posts with the employers, -means for identifying the logged employer by login ID and searching the database of job-seekers that matches the job requirement criteria, -means for allowing the logged employer to access the database of first job-seeker matching the posted job requirement criteria for viewing the profile highlight of the matched job-seeker and also permitting the logged employer for (a) viewing the job-seekers resume ;(b) downloading the viewed resume and (c) receiving the job-seekers contact information , provided the permission for carrying out steps (a) ,(b) and (c) are allowed in sequential manner and the logged employer is given the option of carrying out all three steps (a),(b) and(c) , the first two steps (a) and(b),only the first step(a) or to skip all and look for next matching profile highlight, -means for repeating the steps for other matching job-seekers , means for calculating and generating fee payable by the employer accessing the data base according to a pre-determined fee structure, -means for calculating and generating the revenue to be shared by respective job-seeker according to a scheme of revenue sharing so that each job-seeker whose resume is viewed .downloaded or whose contact information is taken by an employer shares a fraction of the fee payable by the employer as incentive for posting his resume. The present invention also provides a method for implementing an on line incentive-based method for matching job-seekers to potential employers in an internet based employment website.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1239/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM OF TRANSFERING DATA IN A CARRIER AGGREGATION ENVIRONMENT

(51) International classification

:H04L,  
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)SAMSUNG INDIA SOFTWARE OPERATIONS  
PRIVATE LIMITED**

Address of Applicant :Bagmane Lakeview Block B No. 66/1  
Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore  
560093 Karnataka India

(72)Name of Inventor :

**1)Vinay Kumar Shrivastava**

**2)Venkateswara Rao Manepalli**

(57) Abstract :

The present invention provides a method and system for communicating service data units/packet data units (PDUs) in a carrier aggregation environment. In one embodiment, a method of communicating status PDUs to an eNB in a carrier aggregation environment includes receiving a plurality of grants on a plurality of active component carriers from an eNB. The method further includes allocating transmission resources associated with the plurality of grants to at least one radio link control (RLC) entity of an user equipment. The method also includes identifying one of the allocated transmission resources associated with one of the plurality of grants by the at least one RLC entity based on predetermined criteria for communicating a status report. Moreover, the method includes transmitting a status PDU including the status report using the identified one of the allocated transmission resources.

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1244/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR HANDOVER OF VIDEO CALLS FROM A PACKET SWITCHED NETWORK TO A CIRCUIT SWITCHED NETWORK IN A SINGLE RADIO ENVIRONMENT

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Paisal Vaishali
Filing Date	:NA	2)Zisimopoulos Haris
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for handover of a video call from a packet switched network to a circuit switched network in a single radio environment. In one embodiment, a need to perform a video single radio voice call continuity (vSRVCC) handover from a packet switched network to a circuit switched network is detected during a video call session in the packet switched network by a network entity associated with the packet switched network. Accordingly, a vSRVCC handover request is sent to a network entity associated with the circuit switched network for performing a vSRVCC handover of the video call session where the handover request comprises vSRVCC capabilities of a user equipment (UE) associated with the video call session. Then, a vSRVCC handover procedure for handover of the video call session from the packet switched network to the circuit switched network is performed based on the vSRVCC capabilities of the UE.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1242/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN INSECTICIDAL COMPOSITION AND METHOD OF PREPARATION THEREOF

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GANIT LEVI RUSO
(32) Priority Date	:NA	Address of Applicant :FORMULATION LAB MANAGER
(33) Name of priority country	:NA	R&D DIVISION MAKHTESHIM CHEMICAL WORKS 60
(86) International Application No	:NA	P.O.B, BEER-SHEVA, 84100 Israel
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GANIT LEVI RUSO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an insecticidal composition comprising of synergistically effective combination of Novaluron and Indoxacarb to control insect species selected from the orders Coleoptera, Diptera, Hemiptera, Homoptera, Lepidoptera, Orthoptera and Thysanoptera. The ratio by weight of indoxacarb to novaluron in the composition is from 1:10 to 10:1. and more preferably ratios are 1.14 :1 and 1 :1.16 . The invention also pertains to an insecticidal formulation comprising synergistically effective combination of Novaluron and Indoxacarb along with adjuvants, solvents, surfactants and enhancers to control insect species selected from the orders Coleoptera, Diptera, Hemiptera, Homoptera, Lepidoptera, Orthoptera and Thysanoptera.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1246/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :04/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : CUSTOMIZABLE ELECTRONIC SYSTEM FOR EDUCATION

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MOODEYE MEDIA AND TECHNOLOGIES PVT LTD</b>
(32) Priority Date	:NA	Address of Applicant :#1798, 20 MAIN, 14 CROSS, HSR
(33) Name of priority country	:NA	LAYOUT SECTOR-1, BANGALORE - 560 102 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHANKAR MONI</b>
(87) International Publication No	: NA	<b>2)SURAJ THULKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHELONEY MONI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A customizable electronic system for education that includes a processor (202) to process an audio, and a video, a memory (218) to store a personal information and a performance data of one or more user, a video formatting chip (224) that formats the video output from the processor, an audio formatting chip (226) that formats the audio output from the process or. The processor executes an educational method that includes processing a login information corresponding to the user, displaying a list of options that includes taking a session, executing at least one session based on a user input that includes selecting the option of taking the session, processing a first answer to the one or more question, generating any of an audio or a visual feedback automatically on submitting the answer based on an accuracy of the answer.

No. of Pages : 74 No. of Claims : 20



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1251/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :04/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF BENZHYDRYL SULFINYL DERIVATIVES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LTD, PLOT
(33) Name of priority country	:NA	NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KORRAPATI VENKATA VARA PRASADA RAO</b>
(61) Patent of Addition to Application Number	:NA	<b>2)INTI VENKATA SUBRAMANYESWARA RAO</b>
Filing Date	:NA	<b>3)VYSYARAJU RAVIKANTH</b>
(62) Divisional to Application Number	:NA	<b>4)AMINUL ISLAM</b>
Filing Date	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>

(57) Abstract :

The present invention relates to an improved process for the preparation of Modafinil and its enantiomer of Formula I.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1252/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :04/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF BENZHYDRYL SULPHINYL DERIVATIVES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KORRAPATI VENKATA VARA PRASADA RAO</b>
(87) International Publication No	: NA	<b>2)INTI VENKATA SUBRAMANYESWARA RAO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VYSYARAJU RAVIKANTH</b>
Filing Date	:NA	<b>4)AMINUL ISLAM</b>
(62) Divisional to Application Number	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Modafmil and its enantiomer of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1256/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :04/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYSTEM AND METHOD FOR INTERACTIVE UNIT TESTING FOR JAVA

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)UMESH KRISHNA</b>
(32) Priority Date	:NA	Address of Applicant :57 2ND CROSS GAVIPURAM
(33) Name of priority country	:NA	EXTENSION BANGALORE - 560019 Karnataka India
(86) International Application No	:NA	<b>2)VIVEK KATTA</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)UMESH KRISHNA</b>
(61) Patent of Addition to Application Number	:NA	<b>2) VIVEK KATTA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for interactive unit testing for Java is disclosed. This invention relates to unit testing, and more particularly to unit testing for Java. Current, unit testing solutions in Java do not offer interactive means for the user to create intuitive data and configure settings at every stage in the unit test case development. In addition, there is no mechanism to automatically mock external calls, databases or synchronize the test case with the source code and update the source code when required. Embodiments disclosed herein allow a user to interactively generate test cases. The embodiments herein employ algorithms for unit testing and allow creation of test cases to suit Java developers requirements. Embodiments herein employ means for automatic creation of test data, creation of mocks for external calls and further synchronization of the created test data with the source code and updating the source code accordingly.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1258/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : A NOVEL SOLVATE OF 2-[[[3-METHYL-4-(2,2,2-TRIFLUOROETHOXY)-2-PYRIDINYL]METHYL]SULFINYL]-1H-BENZIMIDAZOLE

(51) International classification	:C07D401/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ORCHID CHEMICALS &amp; PHARMACEUTICALS LTD</b>
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313,
(33) Name of priority country	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
(86) International Application No	:NA	CHENNAI-600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. REGURI BUCHI REDDY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. UPPARAPALLI SAMPATH KUMAR</b>
Filing Date	:NA	<b>3)KUNCHITHAPATHAM THIRUMURUGAN</b>
(62) Divisional to Application Number	:NA	<b>4)SAMBASHIVAM THIYAGARAJAN</b>
Filing Date	:NA	<b>5)MUNUSAMY SURESH</b>

(57) Abstract :

The present invention provides novel solvate form of dextansoprazole particularly relates to dextansoprazole butanediol solvate of the compound of the formula (I). The invention also provides a process for preparation of said solvates with an enhanced chiral purity and good yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1274/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : SOLID DOSAGE FORMS OF VALSARTAN AND AMLODIPINE

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MUCHIVOLU SUDARSHAN REDDY</b>
(87) International Publication No	: NA	<b>2)SHAMKANT LAXMAN SHIMPI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHAILESH SURESH BHAMARE</b>
Filing Date	:NA	<b>4)DEO KISHOR DATTATRAY</b>
(62) Divisional to Application Number	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>
Filing Date	:NA	

(57) Abstract :

The technical field of the present invention relates to solid dosage form comprising combination of angiotensin II receptor blocker (ARB) and calcium channel blocker (CCB). More particularly, the present invention relates to solid dosage form comprising combination of valsartan and amlodipine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1275/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A METHOD AND SYSTEM FOR POWER MANAGEMENT IN SUBSTATIONS

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ABB TECHNOLOGY LTD</b>
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Swaziland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)GANESH KULATHU</b>
(87) International Publication No	: NA	<b>2)ARINJAI GUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)EMILIAN-IOAN ANTON</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power management system for a plant electrical network using plurality of controllers configured for power management such that a first controller from the plurality of controllers is configured to perform power management in a first local process area within the plant electrical network and is capable to communicate with a second controller that is configured for power management in a second local process area within the plant electrical network over a plant wide communication network. The power management function in the first local process area is performed based on the information communicated between the first controller and the second controller or/and based on power balance computation carried out for plant wide electrical network or that for the first local process area. The power management function includes slow load shedding to control load condition in power equipment in the plant electrical network. The method for power management and slow load shedding are provided along with the controller for carrying out power management function in the plant electrical network.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1278/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF LEUPROLIDE AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification

:C07K

(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)MYLAN LABORATORIES LTD**

Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,  
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(72)Name of Inventor :

**1)KUPPANNA, ANANDA**

**2)KAMANA, BULLI RAJU**

**3)VANJIVAKA, SREELATHA**

**4)DATTA, DEBASHISH**

(57) Abstract :

The present invention relates to a novel process for the preparation of Leuprolide or its pharmaceutically acceptable salts thereof by solid and solution phase peptide synthesis (Hybrid approach). The present invention also relates to a process for the preparation of Leuprolide or its pharmaceutically acceptable salts thereof by synthesizing the peptide fragments by solid phase (7 and 5 amino acids fragment) and solution phase (2 and 4 amino acids fragment) respectively. The final solution phase condensation of these peptide fragments (7+2 and 5+4) led to a nonapeptide Leuprolide in the protected form. The present invention further relates to novel peptide fragments- Pyr-His(Trt)-Trp(Boc)-Ser(tBu)-Tyr(tBu)-DLeu-Leu-OH (Fragment-II); H-Arg(Pbf)-Pro-NHEt (Fragment-III); Pyr-His(Trt)-Trp(Boc)-Ser(tBu)-Tyr(tBu)-DLeu-Leu-Arg(Pbf)-Pro-NHEt (Protected Leuprolide) (Fragment-IV); Pyr-His(Trt)-Trp(Boc)-Ser(tBu)-Tyr(tBu)-OH (Fragment-V); H-DLeu-Leu-Arg(Pbf)-Pro-NHEt (Fragment-VI) and process for the preparation thereof.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1298/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :10/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : CARDLESS TECHNOLOGY IN ATM (USING MOBILE)

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JERIN JOY.J
(32) Priority Date	:NA	Address of Applicant :2/95,MUGAPPAIR WEST,CHENNAI-
(33) Name of priority country	:NA	37 Tamil Nadu India
(86) International Application No	:NA	2)M.ANEES AHMED
Filing Date	:NA	3)K.NARESH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JERIN JOY.J
Filing Date	:NA	2)M.ANEES AHMED
(62) Divisional to Application Number	:NA	3)K.NARESH
Filing Date	:NA	

(57) Abstract :

This Invention will introduce the concept of physical browsing and development of a system that will allow users to use their mobile phones to securely withdraw cash from ATM machines. Initially the ATM module gets the password from the user mobile and it matches with the initial password. If it matches, then An ATM module allows the use entering the Amount. Otherwise ATM module will informs the bank that wrong user trying to access the bank. If the users entered the amount, ATM module sends this amount to the authority user mobile and waits for the ACK message from the Authority mobile. If the ACK message is OK, then Process will be successfully completed. Otherwise it will informs the bank and also users Mobile that wrong user trying to Access the bank.

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



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2010

(21) Application No.1310/CHE/2010 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF MONTELUKAST

(51) International classification :C07D215/00  
(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 :

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(72)Name of Inventor :

**1)DATTA, DEBASHISH**

**2)ABBINENI, JYOTHI BASU**

**3)KONUDULA, BABU RAO**

**4)GANAPATHY, SABAPATHY**

**5)PANGA, RAJA REDDY**

**6)KARUTURI, SRINIVASA RAO**

**7)PEDARALA, PRASAD V.N.V**

(57) Abstract :

The present invention relates to an improved process for the preparation of Montelukast sodium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1313/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :07/03/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : DYNAMIC CHANNEL QUALITY REPORTING IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/00  
(31) Priority Document No :60/847,727  
(32) Priority Date :27/09/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/079572  
Filing Date :26/09/2007  
(87) 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)Qualcomm Incorporated**  
Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121 U.S.A.  
(72)Name of Inventor :  
**1)GHOLMIEH Aziz**  
**2)RAUBER Peter H.**  
**3)LUNDBY Stein Arne**

(57) Abstract :

Techniques for reporting channel quality indicators (CQIs) are described. Data activity at a receiver may be determined, and CQI reporting by the receiver may be adjusted based on the determined data activity. In one design, CQI reporting may be enabled for a time window around each expected packet arrival for a periodic or quasi-periodic transmission and may be suspended outside of the time window. In another design, CQI reporting may be varied based on ACK/NACK feedback. In yet another design, CQIs may be sent at a first rate when data activity is not detected and at a second rate faster than the first rate when data activity is detected. In yet another design, CQIs may be sent only during discontinuous transmission (DTX) ON periods when data activity is not detected and may be sent during both DTX ON and OFF periods when data activity is detected.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1312/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :11/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : MG.HELMET

(51) International classification	:A42B3/00
(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)GIREESHAN.M.G**

Address of Applicant :PANTHAPLAVIL MANGATTU  
CHERAVALLY, KAYAMKULAM P.O. ALAPPUZHA DIST,  
KERALA - 690 502. Kerala India

(72)Name of Inventor :

**1)GIREESHAN.M.G**

(57) Abstract :

The MG.HELMET uses a pic microcontroller pic 16f877 and dual tone multi frequency IC MT8870.PIC needs 5v supply to work .To ensure safety we use a positive voltage regulating IC lm7805 .This is a 3 pin IC to the first pin we provide input voltage and to the second we provide ground .The regulated voltage is obtained from third pin .This IC can regulate up to 30v and provide steady 5v to pic .The circuit of mobile remote include a DTMF mt8870.The one or more devices are connected to pic through a relay because the devices are working with high voltage supply .An external 12v needs to relay .The DTMF will convert Telephone tone frequency in to binary .A dual pole relay is used to call accept switch. This all controlled by microcontroller

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1336/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :12/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM OF ALLOCATING TIMESLOTS IN AN MULTIPLE USERS REUSING ONE TIMESLOT (MUROS) ENVIRONMENT

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)Satish Nanjunda Swamy Jamadagni</b>
Filing Date	:NA	<b>2)Sarvesha Anagundi Ganapathi</b>
(62) Divisional to Application Number	:NA	<b>3)Jongsoo choi</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system of allocating timeslots in a multiple users reusing one timeslot (MUROS) environment. In one embodiment, a method includes receiving measurement report data from a first mobile station over an uplink channel. The method further includes evaluating a set of parameters associated with pairing the first mobile station in uplink and downlink respectively based on the measurement report data. The method also includes associating a timeslot in a frame between the first mobile station and a second set of mobile stations for uplink data transmission and associating another timeslot in the frame between the first mobile station and a third set of mobile stations for downlink data transmission using the evaluated set of parameters.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1339/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : CONTROLLED RELEASE COMPOSITION OF POTASSIUM CHLORIDE

(51) International classification

:A61K9/00

(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)MATRIX LABORATORIES LIMITED**

Address of Applicant :1-1-151/1,IV FLOOR, SAIRAM  
TOWERS, ALEXANDER ROAD, SECUNDERABAD-500 003  
Andhra Pradesh India

(72)Name of Inventor :

**1)RAMANI, V.J. PAKALAPATI**

**2)LOYA, MAYUR KUMAR**

**3)AMMINABAVI, NAGARAJ**

**4)GORE, SUBHASH**

**5)PANANCHUKUNNATH, MANOJ**

**6)GUPTA, RAJESH**

**7)BHUSHAN, INDU**

(57) Abstract :

The invention relates to controlled release composition comprising potassium chloride. More particularly, the invention relates to controlled release composition comprising potassium chloride, ethyl cellulose, atleast one amphiphile and optionally other excipient wherein said composition is prepared by wet granulation method using non-aqueous solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.134/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :16/01/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : A PROFILE TUBE USED IN THE MANUFACTURE OF OPERATOR CABINS

(51) International classification	:B21B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MAG ENGINEERING PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :1A/1 1ST MAIN ROAD 2ND PHASE
(33) Name of priority country	:NA	PEENAYA INDUSTRIAL AREA BANGALORE 560058
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)R M GYARA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)J M ISMAIL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This design can be manufactured by a steel rolling process and would be required by any cabin manufacturer, hence the urgent need for protection. These profiles are manufactured by steel rolling mills and not by cabin manufacturers themselves. Hence the need to protect our design, from other cabin manufacturers who may obtain our design from our source or other sources by copying the design.

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2010

(21) Application No.1346/CHE/2010 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : ELECTRICAL MACHINES

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LUCAS TVS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PADI, CHENNAI, TN 600050 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KRISHNAVILASAM NAIR, ANANDA KUMARAN</b>
(87) International Publication No	: NA	<b>RAGHAVAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)IYENGAR, NARAYANAN VARADA</b>
Filing Date	:NA	<b>3)AVADAYARPATTU VENUGOPAL,</b>
(62) Divisional to Application Number	:NA	<b>VENKKATESHRAJ KESAVU</b>
Filing Date	:NA	

(57) Abstract :

The subject matter described herein is directed to a method of winding an electrical member (205, 225) in an electrical machine (200). The method includes inserting at least two conductor segments from a first side of the electrical member (205, 225) and at least two other conductor segments from a second side of the electrical member (205,225). It can be understood that a limb of each of the at least two conductor segments is inserted in a slot in the electrical member (205, 225) from the first side and protrudes from the second side; and a limb of each of the at least two other conductor segments is inserted in the slot in the electrical member (205, 225) from the second side and protrudes from the first side. Each of the limbs protruding from the second side is connected to a limb of another conductor segment protruding from the second side to form in part a first side coil group and each of the limbs protruding from the first side is connected to a limb of another conductor segment protruding from the first side to form in part a second coil group. Further, the first side coil group and the second side coil group are fastened to form a phase winding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF AN INTERMEDIATE OF HMG-COA REDUCTASE INHIBITORS

(51) International classification	:A61K31/00
(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 :

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India

(72)Name of Inventor :

**1)SETHI, MADHURESH KUMAR**

**2)MAHAJAN, SANJAY**

**3)RAWAT, VIJENDRA SINGH**

**4)MARA, BHAIKIAH**

**5)VEERA, UPENDRA NATH**

**6)DATTA, DEBASHISH**

(57) Abstract :

The present invention relates to an improved process for the preparation of intermediates of HMG-CoA reductase inhibitors of Formulae-IXa or IXb and further conversion to HMG-CoA reductase inhibitors and pharmaceutically acceptable salts thereof.

No. of Pages : 27 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1360/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR BULK ACTIVATION/DEACTIVATION OF COMPONENT CARRIERS IN A WIRELESS NETWORK ENVIRONMENT

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)Satish Nanjunda Swamy Jamadagni</b>
Filing Date	:NA	<b>2)Nitin Jain</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for bulk activation and deactivation of component carriers in a wireless communication environment. In one embodiment, spectrum farming is performed to determine availability of unused spectrum in other radio access technology (RAT) cells. If any spectrum is available, the available spectrum is used as one or more component carriers in a macro cell. Hence, one or more component carriers available in a cell of a wireless communication network is determined. The availability of the one or more component carriers in the cell is then communicated to a plurality of mobile stations via a system information block. Accordingly, each of the mobile stations are allowed to activate the one or more component carriers in the cell. Moreover, the mobile stations are scheduled on the cell associated with the activated component carriers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1363/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :14/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : ANTI-PIRACY SYSTEM AND METHOD USING A TRANSPARENT CARD

(51) International classification	:G06F, G09G	(71) <b>Name of Applicant :</b> <b>1)THATHA RAKESH</b>
(31) Priority Document No	:NA	Address of Applicant :C11, RAMS FLAT, THIRUMALAI
(32) Priority Date	:NA	NAGAR ANNEX, PERUNGUDI, CHENNAI - 600 096. Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	<b>2)THATHA PAVAN</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)THATHA RAKESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)THATHA PAVAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system where the software activation will be done using a Transparent Card. This Transparent Card consists of transparent cells where each cell is differentiated from the other cell using any differential way. At the time of activation, the software module displays an array of cells, where each cell has a symbol/ character imprinted on it. User need to overlap his Transparent Card over the array of cells displayed and based on the challenge provided by the software module, user need to derive the One-Time Access-Code. Once user derives the One-Time Access-Code, user submits the code to the software. Upon receiving the One-Time Access-Code from the user, the software module verifies the received code along with its own derived code. If both are matched then the software module activates the software access to that machine. Else the software activation denies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1361/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM OF MANAGING VOICE CALL AND IP MEDIA SESSIONS IN A WIRELESS NETWORK ENVIRONMENT

(51) International classification

:H04L,  
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 :

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560093 Karnataka India

(72)Name of Inventor :

**1)Satish Nanjunda Swamy Jamadagni**

**2)Sarvesha Anegundi Ganapathi**

**3)Pradeep Krishnamurthy Hirisave**

(57) Abstract :

The present invention provides a method and system for managing voice call and IP media sessions in a wireless communication environment. In one embodiment, a method includes registering a user equipment (UE) with a first network cell associated with a first radio access technology (RAT) and a second network cell associated with a second RAT substantially simultaneously for providing voice and IP media services to the UE. The method also includes determining whether a voice call session and IP media session(s) are ongoing simultaneously on the UE over the first network cell. If it is determined true, the method includes continuing the voice call session over the first network cell and routing data streams associated with the IP media session(s) to the UE over the second network cell. Otherwise, the method includes detaching the UE from the first network cell associated with the first RAT.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :14/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING COMMUNICATION BETWEEN A RICH COMMUNICATION SERVICE SYSTEM AND A NON-RICH COMMUNICATION SERVICE SYSTEM

(51) International classification	:H04L, H04W	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview, Block B, No. 66/1, Bagmane Tech Park, C V Raman Nagar, Byrasandra, Bangalore 560093 Karnataka, India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Basavaraj Jayawant Pattan</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Venkateswar Jeedigunta</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for enabling communication between a Rich Communication Service System and a non-Rich Communication Service system. The present invention relates generally to communication systems, and more particularly, to value added services in communication systems. The embodiments herein disclose a translation feature to enhance the communication experience between users of RCS and non-RCS systems by enabling users to communicate in their preferred language with the RCS taking care of language translation. The language of the communication message sent from the user B is retained till the message reaches the messaging server and is translated to another language before being delivered to the user A. In the reverse path, the communication message sent from the user A is translated to another language before being delivered to the user B via the interworking server and the social networking server.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1365/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :14/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A PROCESS FOR PREPARING VARDENAFIL HYDROCHLORIDE TRIHYDRATE

(51) International classification	:C07D241/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr Reddys Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :7-1-27 Ameerpet, Hyderabad, Andhra Pradesh. India
(33) Name of priority country	:NA	<b>2)Dr. Reddy™s Laboratories Inc</b>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Mandava Venkata Naga Brahmeswara Rao</b>
(87) International Publication No	: NA	<b>2)Kandala Sreenadhacharyulu</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to a process for the preparation of vardenafil hydrochloride trihydrate (Formula I) having low concentrations of impurities. Formula I

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

(54) Title of the invention : AMORPHOUS FORM OF (3S)-TETRAHYDROFURAN-3-YL (1S,2R)-3-[[ (4-AMINOPHENYL) SULFONYL](ISOBUTYL)AMINO]-1-BENZYL-2-(PHOSPHONOOXY)PROPYLCARBAMATE MONOCALCIUM SALT AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07F	(71)Name of Applicant :	<b>1)MATRIX LABORATORIES LTD</b>
(31) Priority Document No	:NA		Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
(32) Priority Date	:NA		TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003
(33) Name of priority country	:NA		Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA		<b>1)VELLANKI, SIVA RAMA PRASAD</b>
(87) International Publication No	: NA		<b>2)NADELLA, MADHU MURTHY</b>
(61) Patent of Addition to Application Number	:NA		<b>3)MULAMALLA, RAJENDAR REDDY</b>
Filing Date	:NA		<b>4)RAMBHOTLA, REVATHI SRINIVAS</b>
(62) Divisional to Application Number	:NA		<b>5)PRATHI, SIVA KOTESWARA RAO</b>
Filing Date	:NA		<b>6)ARUMALLA, SIVA REDDY</b>
			<b>7)DATTA, DEBASHISH</b>

## (57) Abstract :

The present invention relates to Amorphous form of (3S)-tetrahydrofuran-3-yl (1S,2R)-3- [[ (4-aminophenyl)sulfonyl](isobutyl)amino]-1-benzyl-2-(phosphonooxy) propyl- carbamate monocalcium salt and process for the preparation thereof. In particular the present invention relates to a stable amorphous form of (3S)-tetrahydrofuran-3-yl(1S,2R)-3-[[ (4-aminophenyl)sulfonyl](isobutyl)amino]-1-benzyl-2-(phosphonooxy) propylcarbamate monocalcium salt and process for the preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1379/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR ISOLATION AND PURIFICATION OF CAROTENOIDS

(51) International classification	:C12N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DYNADIS BIOTECH (INDIA) PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :23, II FLOOR, VALLALAR SALAI,
(33) Name of priority country	:NA	RAJA RAJESHWARI NAGAR, PONDICHERRY 605 011.
(86) International Application No	:NA	Pondicherry India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)JOSEPH SURESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ANANDANE ARNAUD</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel saponification process for the isolation and purification of highly pure carotenoids from different carotenoid rich oleoresin derived from plants and microorganisms without the use of toxic chemicals and hazardous solvents. The hydrolysis is carried out by treating the carotenoid rich oleoresin with a novel mixture of a Fatty alcohol, alkali and a fatty acid without the use of any other solvents. Further the invention explains a process of stabilising the carotenoids from getting degraded due to high temperature and exposure time during the saponification process. Further the invention discloses an economically viable process of isolating high pure carotenoids with higher yield.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1380/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PRODUCTION OF HIGH PURITY BETA-CAROTENE AND LYCOPENE CRYSTALS FROM FUNGAL BIOMASS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DYNADIS BIOTECH(INDIA) PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :23,II FLOOR, VALLALAR SALAI,
(33) Name of priority country	:NA	RAJA RAJESHWARI NAGAR, PONDICHERRY 605 011.
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)JOSEPH SURESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ARJUNAN ANANDANE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a simple and economic method of extracting a crystalline Carotenoid compound, such as Beta-carotene, Lycopene, with a purity of at least 99%. The present invention further describes a process to prepare such a highly pure crystalline Carotenoid compound from microbial biomass, using an Anti-purity compound removal process followed by a mono-solvent extraction method. Further the process describes value addition of the co-products recovered during the extraction process thus resulting in a highly economical industrial method for the production of such high purity crystalline Carotenoids compound.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN IMPROVED ARRANGEMENT FOR CONTROLLING THE AIR CURRENT IN A TEXTILE SPINNING PREPARATORY MACHINE

(51) International classification

:D01G

(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)LAKSHMI MACHINE WORKS LTD.**

Address of Applicant :PERIANAICKENPALAYAM,  
COIMBATORE 641 020 Tamil Nadu India

(72)Name of Inventor :

**1)NARAYANASWAMY KRISHNAKUMAR**

**2)GOVINDHARAJULU MANI**

**3)DHARMAM DAVID**

(57) Abstract :

The present invention relates to an improved arrangement for controlling the air current on a textile spinning preparatory machine. The arrangement includes a carding cylinder having a cylinder surface carrying a cylinder clothing thereon, a lick-in for feeding fibers to the carding cylinder and a doffer cooperating with the carding cylinder for transferring fiber material from the carding cylinder to the doffer, wherein the doffer includes at least one under cover deflector for splitting the air current in the required proportion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1393/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVED PROCESS FOR DIPHENYLPROPYLAMINE DERIVATIVES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ORCHID CHEMICALS &amp; PHARMACEUTICALS LTD</b>
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313,
(33) Name of priority country	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
(86) International Application No	:NA	CHENNAI-600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. REGURI BUCHI REDDY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. UPPARAPALLI SAMPATH KUMAR</b>
Filing Date	:NA	<b>3)DR. NILAM SAHU</b>
(62) Divisional to Application Number	:NA	<b>4)KRISHNASAMY MARIAPPAN</b>
Filing Date	:NA	<b>5)GNANI PEER MOHAMED SYED IBRAHIM</b>

(57) Abstract :

The present invention relates to an improved process for the preparation of biologically active diphenylpropylamine derivatives. The present invention specifically relates to an improved process for fesoterodine of formula (I) and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1398/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : SCHEDULING METHODS, APPARATUSES, AND SYSTEMS

(51) International classification	:G06Q, G06F	(71) <b>Name of Applicant :</b> <b>1)GIRISH HULMANI</b>
(31) Priority Document No	:NA	Address of Applicant :10, PAAVAN HANS, IPS COLONY,
(32) Priority Date	:NA	NEAR BRAHMA KUMARIS YOGHBHAVAN, GOTTIGERE
(33) Name of priority country	:NA	BANNERGHATTA ROAD, BANGALORE - 560 083 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)GIRISH HULMANI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for scheduling function at an electronic device is provided. The method includes generating time-based information based on a selection of one or more date instances from a date page and one or more time instances from a time page. The method further includes receiving function information based on selection of at least one function from a plurality of functions. Furthermore, the method includes linking the function information to the time-based information to schedule at least one function based on the time-based information. Thereafter, the method includes enabling the electronic device to perform at least one scheduled function.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1399/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A NOVEL DENDRITIC DRUG CARRIER AND A PROCESS FOR PREPARING THE SAME

(51) International classification

:C08G,  
C08L

(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)SETHURAMAN Swaminathan**

Address of Applicant :5 Dr. Subburayan Nagar (Main Street),  
KODAMBAKKAM, CHENNAI-600024, India Tamil Nadu  
India

**2)KRISHNAN Uma Maheswari**

**3)PALANISAMY Anbazhagan**

**4)SUBRAMANIAN Gomathi**

(72)Name of Inventor :

**1)SETHURAMAN Swaminathan**

**2)KRISHNAN Uma Maheswari**

**3)PALANISAMY Anbazhagan**

**4)SUBRAMANIAN Gomathi**

(57) Abstract :

Disclosed herein is a novel dendritic drug carrier. The drug carrier is a PAMAM based dendrimer containing an ethylene diamine core and methacrylate and methyl methacrylate branches alternatively. Also disclosed is a process of preparing such dendrimers by a multistep process of Michael addition reaction and exhaustive amidation reactions.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1403/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF INTERMEDIATE FOR CALCIMIMETIC AGENT

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ORCHID CHEMICALS &amp; PHARMACEUTICALS LTD</b>
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313,
(33) Name of priority country	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
(86) International Application No	:NA	CHENNAI - 600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)CHIDAMBARAM VENKATESWARAN SRINIVASAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)GOBALAN BALASUBRAMANIAN</b>
Filing Date	:NA	<b>3)GAJENDRA SINGH</b>
(62) Divisional to Application Number	:NA	<b>4)FRANKLIN POOPADY XAVIER</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the preparation of intermediate of Cinacalcet and its analogs more particularly the present invention provides an improved process for the preparation of 3-halo propyl benzene derivatives of Formula IV.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1404/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :09/06/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : VACCINE COMPOSITION USEFUL FOR HPV AND HEPATITIS B INFECTIONS AND A METHOD FOR PREPARING THE SAME

(51) International classification	:A61K39/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)BHARAT BIOTECH INTERNATIONAL LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :GENOME VALLEY, TURKAPALLY,
(33) Name of priority country	:NA	SHAMEERPET, HYDERABAD 500 078 Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ELLA KRISHNA MURTHY</b>
(87) International Publication No	: NA	<b>2)SUMATHY KANDASWAMY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes a vaccine compositions comprising chimeric fusions of the HPV antigens with viral or bacterial proteins conferring enhanced immunogenicity useful for Hepatitis B virus as well as human papillomavirus (HPV) infections.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1421/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A DISTRIBUTED STORAGE SYSTEM AND A METHOD THEREOF

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Indian Institute of Science</b>
(32) Priority Date	:NA	Address of Applicant :Bangalore - 560012, Karnataka, India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)K. V. RASHMI</b>
Filing Date	:NA	<b>2)NIHAR B. SHAH</b>
(87) International Publication No	: NA	<b>3)P. VIJAY KUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the disclosure relate to a distributed storage system comprising of storage nodes storing source data amongst them in a coded, and typically, redundant manner. The data to be stored in the storage nodes may be disseminated from the secure across the network in a distributed manner. The system also includes end users who recover the source data by connecting to subsets of the storage nodes. A failed storage node may be repaired by downloading data from subsets of existing nodes. The storage space required in the nodes, and the network bandwidth utilized for repair are minimized.

No. of Pages : 42 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1453/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A NOVEL SYSTEM OF ACUPUNCTURE TREATMENT

(51) International classification

:A61H

(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.D.BAABU**

Address of Applicant :94/C-23, AKASHAYA NILAYAM,  
5TH CROSS, RAJARAM NAGAR, SALEM-636 007. Tamil  
Nadu India

(72)Name of Inventor :

**1)G.D.BAABU**

(57) Abstract :

The present invention is directed to a Five element Pulse diagnosis method for diagnosing and treating of diseased condition of a human subject, which systematically and accurately diagnoses the five element pulses, by applying non-invasive acupuncture stimulation of acupuncture body points corresponding to the organs on the surface of a human body.

No. of Pages : 73 No. of Claims : 90



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1466/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : EXTENDED RELEASE COMPOSITIONS OF DONEPEZIL

(51) International classification	:A61K9/00, A61K31/00	(71) <b>Name of Applicant :</b> <b>1)MATRIX LABORATORIES LIMITED</b> Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003 Andhra Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)LOYA, MAYUR KUMAR</b>
(33) Name of priority country	:NA	<b>2)AMMINABAVI, NAGARAJ</b>
(86) International Application No	:NA	<b>3)GORE, SUBHASH</b>
Filing Date	:NA	<b>4)PANANCHUKUNNATH, MANOJ</b>
(87) International Publication No	: NA	<b>5)GUPTA, RAJESH</b>
(61) Patent of Addition to Application Number	:NA	<b>6)BHUSHAN, INDU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to extended-release compositions comprising donepezil or its pharmaceutically acceptable salts and one or more pharmaceutically acceptable excipients and to their process of preparation, wherein said composition is either a matrix type composition or a matrix-in-reservoir type composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1470/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : VIBRATION REDUCTION STRUCTURE FOR TWO-WHEELER

(51) International classification	:F16F, F16G	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :,JAYALAKSHMI ESTATES No. 29,
(32) Priority Date	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAGHAVAN VENKATESAN</b>
(87) International Publication No	: NA	<b>2)BALLA VAMSHI KRISHNA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MEGHASHYAM LAXMAN DIGHOLE</b>
Filing Date	:NA	<b>4)CHANDAN MANDIKAL RAGHURAM</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention deals with a vibration damper unit used in a two wheeled vehicle to reduce vibrations in the said vehicle. Said vibration damper unit has a front portion, a rear portion and multiple fastening members. The front portion has multiple silent blocks made up of a damper element secured between metallic bushes defining the inner periphery and the outer periphery of the silent block and the fastening members are secured inside the silent block. The vibration damper unit is joining engine assemble to the frame of the vehicle with the fastening members which are passing through the vibration damper unit.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.147/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :17/01/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : STABLE PHARMACEUTICAL AQUEOUS COMPOSITIONS

(51) International classification	:A61K9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LAURUS LABS PVT LTD</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD #7 BANJARA HILLS HYDERABAD 500034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)DR. RAJNARAYANA KANDHAGATLA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. SRIHARI RAJU KALIDINDI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention refers to an aqueous, stable pharmaceutical composition. The formulation comprises paracetamol and is used for parenteral administration. The invention also relates to formulations having analgesic activity, processes for preparing the same and methods of use and treatment of such formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1471/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : COOLING ARRANGEMENT FOR A VEHICLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TVS MOTOR COMPANY LIMITED</b>
(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) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ABHISHEK AMIT AGRAWAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ANNAMALAI MUTHURAJA</b>
Filing Date	:NA	<b>3)VETHANAYAGAM JAYAJOTHI JOHNSON</b>
(62) Divisional to Application Number	:NA	<b>4)SHANMUGAM ANANDAN</b>
Filing Date	:NA	<b>5)SOUMYA PRAKASH PATRA</b>

(57) Abstract :

An air guide structure for a scooter type motorcycle formed in the front body portion wherein a radiator and a cooling fan are accommodated within a front cover disposed above a front wheel of the vehicle and the radiator is cooled with air introduced from an air inlet formed in the front cover, characterized in that the said cooling fan is axial fan which is shroud mounted on the radiator located in between the said radiator and air outlet portion.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1478/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A DRAW PUNCH AND METHOD OF MAKING DIFFERENT SHAPED CUTOUTS

(51) International classification

:B21D

(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)K N Prabhakar**

Address of Applicant :Prop M/S Symmetric CNC #15 6th  
Main Narayanagowda Layout Tavarekere Extension BTM  
Layout Ist Stage Bangalore 560029 Karnataka India

(72)Name of Inventor :

**1)K N Prabhakar**

(57) Abstract :

A draw punch assembly for making one or more desired cutouts in a work piece is disclosed. The draw punch assembly includes a draw punch with a peripheral cutting edge on an outer surface and a bending edge on an inner surface, and a die with a shaped cavity for receiving a slug, where the slug is a cutout portion of the work piece. The die and the draw punch maintain a pre-defined clearance with respect to each other during operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1488/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : ALARM SYSTEM FOR RETRACTING SIDE STAND IN AUTOMOBILE

(51) International classification

:B62H

(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)ABHIN PHILIP**

Address of Applicant :PILUKKOTTIL HOUSE,  
NAIRPHARA VADAKKENCHERRY POST, DISTRICT-  
PALAKKAD (PALGHAT) - 678683 Kerala India

(72)Name of Inventor :

**1)ABHIN PHILIP**

(57) Abstract :

The invention provides an alarm based side stand retracting system for two wheeler vehicle with a circuit system configured with an interlock unit, an actuator system and an acoustic indicator in connection with the side stand of the bike.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1492/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : COOLING SYSTEM FOR AN ENGINE

(51) International classification

:F04D,  
F02K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TVS MOTOR COMPANY LIMITED**

Address of Applicant :JAYALAKSHMI ESTATES, No. 29,  
(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. Tamil  
Nadu India

(72)Name of Inventor :

**1)T SREENIVASULU**

**2)SARAVANAN JAGANATHAN**

**3)K RAMAKRISHNAN**

**4)PATTABIRAMAN VENUGOPALAN**

(57) Abstract :

A cooling system for an automobile comprising an engine consisting of a centrifugal fan mounted on the crankshaft of the said engine having an air inlet path, an air exit path flanked by guide walls, and an air deflector surrounding the said engine having an air-guiding channel is introduced on the said air exit path on the said cowling unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1493/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : SPEED SENSING OF AN ENGINE

(51) International classification

:B62K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TVS MOTOR COMPANY LIMITED**

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(72)Name of Inventor :

**1)CHANDAN MANDIKAL RAGHURAM**

**2)SHANMUGAM ANANDAN**

**3)RAGAVENDRA PRASAD**

**4)ARUMUGAM SIVAKUMAR**

(57) Abstract :

A speed detecting system for a motorcycle comprising an extended driven shaft and an driven sprocket mounted on the said driven shaft, wherein the extended portion of the said driven shaft is the speed sensing element, and a speed sensor is mounted on the said engine sprocket cover by known mounting means.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.155/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :18/01/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : TECHNIQUE FOR CLASSIFYING A DIGITAL IMAGE PORTION

(51) International classification

:G06K

(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)CONEXANT SYSTEMS INC**

Address of Applicant :4000 MACARTHUR BLVD

NEWPORT BEACH CA 92660 U.S.A.

(72)Name of Inventor :

**1)AJIT BOPARDIKAR**

**2)GATTU. SUJEETH KUMAR**

(57) Abstract :

A received image portion is classified/ separated by analyzing its bit planes. In one embodiment, bit planes are extracted for the received image portion and the bit planes are compared. The image portion is then classified based on the result of such comparison. Further, an average value is computed for a set of higher order (corresponding to most significant bits) bit planes. The average value is then compared in the descending order for a predetermined number of bit planes. The image portion is then classified based on the comparison. In one embodiment, correlations among set of predetermined number of bit planes are computed. The image portion is then is classified based on the correlation values and/or the variation in the correlations between the bit planes.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1649/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :13/07/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : A COMPOSITION USEFUL AS ROTAVIRUS VACCINE AND A METHOD THEREFOR

(51) International classification	:A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BHARAT BIOTECH INTERNATIONAL LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :GENOME VALLEY, TURKAPALLY,
(33) Name of priority country	:NA	SHAMEERPET, HYDERABAD 500 078, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)VADREVVU KRISHNA MOHAN</b>
(87) International Publication No	: NA	<b>2)VEERABADRAN SELVI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PRASAD SAI DEVARAJULU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compositions and methods related to live or live attenuated pre-conditioned and typical viruses such as rotaviruses are disclosed. The live attenuated rotaviruses exhibit better stability characteristics and are useful for the prevention of a rotavirus infection and/or rotavirus gastroenteritis in children.

No. of Pages : 67 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :03/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : UNIFIED DESIGN AND CENTRALIZED SCHEDULING FOR DYNAMIC SIMO, SU-MIMO AND MU-MIMO OPERATION FOR RL TRANSMISSIONS

(51) International classification	:H04B 7/00
(31) Priority Document No	:60/863,793
(32) Priority Date	:31/10/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/083057
Filing Date	:30/10/2007
(87) 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)Qualcomm Incorporated**  
Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
U.S.A.

(72)**Name of Inventor :**  
**1)XU Hao**  
**2)MALLADI Durga Prasad**

(57) Abstract :

Systems and methods facilitate pilot signal design, power control, data rate determination, and channel assignment in the reverse link of a wireless communication system for dynamic scheduling and joint operation in SIMO, SU-MIMO, and MU-MIMO. Pilot signal is based on periodic transmissions of multiple sounding reference sequences for channel estimation. Power control is based on a reference signal at a predetermined power spectral density (PSD) level, and on an offset PSD determined and signaled based on an antenna that transmits the reference signal, other cell interference, and power amplifier headroom. PSD levels for SIMO/MIMO data transmissions are determined based on channel estimates and the predetermined PSD and offset PSD. Such data PSD levels are employed to generate data rates, and to dynamically schedule data streams for communication. Communication resources are conveyed through a channel assignment with an overhead that depends on the maximum multiplexing order of the estimated channel.

No. of Pages : 50 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :04/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : INTER-CELL POWER CONTROL FOR INTERFERENCE MANAGEMENT

(51) International classification :H 04 W 01/11  
(31) Priority Document No :60/863,928  
(32) Priority Date :01/11/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/083260  
Filing Date :31/10/2007  
(87) 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)Qualcomm Incorporated**  
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5775 Morehouse Drive San Diego California 92121-1714  
U.S.A.  
(72)Name of Inventor :  
**1)MALLADI Durga Prasad**  
**2)ZHANG Xiaoxia**

(57) Abstract :

A system and method for inter-cell power control for interference management in an OFDM system is provided. The system provides for a combination use of open loop and closed loop PSD control algorithms. The open loop control is a function of path loss from the serving cell as well as the neighboring cells. The closed loop control updates the end node transmit PSD by listening to the load indicators from the serving cell and at least one other neighboring non-serving cell which generates the highest level of interference. The system thus provides a fast and tight control with multi-cell information that allows improved inter-cell interference control.

No. of Pages : 55 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1893/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :03/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : SUPPORTING A DECODING OF FRAMES

(51) International classification :G 09 F 01/11

(31) Priority Document No :11/528,488

(32) Priority Date :26/09/2006

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2007/053756

Filing Date :18/09/2007

(87) 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)Nokia Corporation**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland.

(72)Name of Inventor :

**1)LAKANIEMI Ari**

**2)OJALA Pasi**

(57) Abstract :

For supporting a decoding of encoded frames, which belong to a sequence of frames received via a packet switched network, it is detected whether a particular encoded frame has been received after a scheduled decoding time for the particular encoded frame and before a scheduled decoding time for a next encoded frame. In case the particular encoded frame is detected to have been received after its scheduled decoding time and before the scheduled decoding time for the next encoded frame, the particular encoded frame is rescheduled to be decoded at the scheduled decoding time for the next encoded frame.

No. of Pages : 35 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1895/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :04/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : JOINT USE OF 0MULTI-CARRIER AND SINGLE-CARRIER MULTIPLEXING SCHEMES FOR WIRELESS COMMUNICATION

(51) International classification :G09G 3/00  
(31) Priority Document No :60/863,885  
(32) Priority Date :01/11/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/083382  
Filing Date :01/11/2007  
(87) 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)Qualcomm Incorporated**  
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5775 Morehouse Drive San Diego California 92121-1714  
U.S.A.

(72)Name of Inventor :  
**1)XU Hao**  
**2)MALLADI Durga Prasad**

(57) Abstract :

A communication system that facilitates transmissions in accordance with a single-carrier (SC) multiplexing scheme, a multi carrier (MC) multiplexing scheme or a combination thereof is disclosed. Based on various factors such as attributes associated with a UE (user equipment) or availability of resources, a base station can signal to the UE an appropriate multiplexing scheme to be adopted for particular transmissions. The UE can be scheduled for transmission in a semi-static mode wherein the UE employs the transmission scheme for a particular time interval or it may change the mode dynamically for different transmissions. For transmissions from the UE comprising a plurality of data streams with dissimilar attributes, the base station implements a MIMO (multiple input multiple output) system for the UE. This facilitates a UE to dynamically switch between or simultaneously adopt the various multiplexing schemes for communications and thereby fully utilize advantages associated with the different schemes.

No. of Pages : 55 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2009

(21) Application No.1943/CHENP/2009 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : MESSAGE COMPRESSION

(51) International classification :G 01 N 01/00

(31) Priority Document No :11/581,217

(32) Priority Date :13/10/2006

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2007/081352

Filing Date :13/10/2006

(87) 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)Qualcomm Incorporated**

Address of Applicant :Attn: International IP Administration  
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U.S.A.

(72)Name of Inventor :

**1)PARK Vincent**

**2)TSIRTSIS George**

**3)SOLIMAN Hesham**

(57) Abstract :

Methods and apparatus related to message compression/decompression are described. A compressed message is generated by indicating what changes are to be made to a previous message to produce the message sought to be transmitted. The required change, in the form of at least one command and corresponding parameter, is transmitted as a compressed version of the message being communicated. This approach takes advantage of the fact that messages sent over time often include much of the same message content and only one or a few fields may have changed. The techniques are general and involve including a command in the compressed message along with at least one parameter. The command indicates processing to be performed on a previous message to generate the uncompressed message. The parameter may be, e.g., data to be inserted into the previous message or specify a location in the previous message where the change is to be made.

No. of Pages : 90 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1941/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :26/03/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : ADAPTABLE CACHING ARCHITECTURE AND DATA TRANSFER FOR PORTABLE DEVICES

(51) International classification :G06F 12/00

(31) Priority Document No :60/825,923

(32) Priority Date :17/09/2006

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2007/002682

Filing Date :14/09/2007

(87) 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)Nokia Corporation**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland.

(72)Name of Inventor :

**1)SCHLOTER Philipp C.**

**2)JACOB Matthias**

(57) Abstract :

An apparatus for providing an improved caching architecture is provided. The apparatus may include a processing element configured to cache data in clusters based on respective features, receive an indication of data desired by a user, the indication further including a particular feature, search in a cluster corresponding to the particular feature, and stream, to the user, one or more candidate results corresponding to the received indication and the particular feature.

No. of Pages : 30 No. of Claims : 18



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2004/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :26/03/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : NEAR FIELD CONNECTION ESTABLISHMENT

(51) International classification :H04B 5/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/FI2006/050404

Filing Date :20/09/2006

(87) 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)Nokia Corporation**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland.

(72)Name of Inventor :

**1)LAHDENNIEMI Jussi**

**2)GR-NROOS Jukka**

**3)LEHTO Jussi**

(57) Abstract :

Disclosed is an apparatus capable of hosting a secure module. The apparatus comprises a communication unit capable of near field communications, and a control unit configured to co-operate with the secure module. The control unit is further configured to detect a radio frequency field and, in response to the detection of the radio frequency field, to pass, to the secure module, control of establishing a near field connection through the communication unit. Also disclosed is a secure module, comprising a control unit configured to assume control of establishing a near field connection, wherein the control unit is further configured to provide, in the course of the near field connection establishment, a set of capabilities comprising near field communication capabilities of the secure module and near field communication capabilities of an apparatus hosting the secure module.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2003/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :26/03/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : POWER ALLOCATION SCHEME

(51) International classification :H02K 9/00  
(31) Priority Document No :60/863,306  
(32) Priority Date :27/10/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/082565  
Filing Date :25/10/2007  
(87) International Publication No : NA  
(61) Patent of Addition to Application :NA  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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U.S.A.  
(72)Name of Inventor :  
**1)LI Junyi**  
**2)DAS Arnab**  
**3)WU Xinzhou**

(57) Abstract :

Systems and methodologies are described that facilitate and effectuate power allocation schemes that reuse power allocation patterns amongst different carriers for sectors in the same cell and uses different power allocation patterns between cells. The frequency reuse scheme generates power allocation patterns, selects one of the generated power allocation patterns for use among at least two carriers of at least two sectors in a cell, and employs a second disparate power allocation pattern for use between at two cells.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2231/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : MEDICAMENT FOR HAIR RE-GROWTH COMPRISING CONCENTRATED POPULATION OF ADIPOSE-DERIVED REGENERATIVE CELLS COMPRISING STEM CELLS

(51) International classification :C12N5/0775  
(31) Priority Document No :  
(32) Priority Date : -  
(33) Name of priority country :  
(86) International Application No :PCT/US04/21415  
Filing Date :01/07/2004  
(87) International Publication No :WO 2006/014157  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :442/CHENP/2007  
Filed on :01/07/2004

(71)Name of Applicant :  
**1)CYTORI THERAPEUTICS, INC.**  
Address of Applicant :6740 TOP GUN STREET, SAN  
DIEGO, CA 92121 U.S.A.  
(72)Name of Inventor :  
**1)HEDRICK, MARC, H.**  
**2)FRASER, JOHN, K.**  
**3)DANIELS, ERIC**

(57) Abstract :

Medicament for hair re-growth comprising concentrated population of adipose-derived regenerative cells comprising stem cells The present invention relates to a medicament for promoting hair re-growth comprising a concentrated population of adipose-derived regenerative cells comprising stem cells, wherein said concentrated population of cells has not been cultured.

No. of Pages : 89 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2010

(21) Application No.2551/CHE/2010 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : HETEROCYCLYL COMPOUNDS AS HISTAMINE H3 RECEPTOR LIGANDS

(51) International classification	:C07D401/00	(71)Name of Applicant : <b>1)SUVEN LIFE SCIENCES LIMITED</b> Address of Applicant :SERENE CHAMBERS, ROAD-5, AVENUE-7, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)NIROGI, RAMAKRISHNA</b>
(33) Name of priority country	:NA	<b>2)SHINDE, ANIL KARBHARI</b>
(86) International Application No	:NA	<b>3)KAMBHAMPATI, RAMASASTRI</b>
Filing Date	:NA	<b>4)NAMALA, RAMBABU</b>
(87) International Publication No	: NA	<b>5)DWARAMPUDI, ADI REDDY</b>
(61) Patent of Addition to Application Number	:NA	<b>6)KOTA, LAXMAN</b>
Filing Date	:NA	<b>7)GAMPA, MURLIMOHAN</b>
(62) Divisional to Application Number	:NA	<b>8)KODRU, PADMAVATHI</b>
Filing Date	:NA	<b>9)TIRIVEEDHI, TARAKA NAGA VINAYKUMAR</b>
		<b>10)KANDIKERE, VISHWOTTAM NAGARAJ</b>
		<b>11)MUDDANA, NAGESHWARA RAO</b>
		<b>12)SARALAYA, RAMANATHA SHRIKANTHA</b>
		<b>13)JAYARAJAN, PRADEEP</b>
		<b>14)SHANMUGANATHAN, DHANALAKSHMI</b>
		<b>15)AHMAD, ISHTIYAQUE</b>
		<b>16)JASTI, VENKATESWARLU</b>

(57) Abstract :

The present invention relates to heterocyclyl compounds of formula (I), and their pharmaceutically acceptable salts and compositions containing them. The present invention also relates to a process for the preparation of above said novel compounds, and their-pharmaceutically acceptable salts. The compounds of formula (I) are useful in the treatment of various disorders that are related to Histamine H3 receptors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2557/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :02/09/2010

(43) Publication Date : 29/06/2012

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

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HETERO RESEARCH FOUNDATION</b>
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(86) International Application No	:NA	SANATH NAGAR, HYDERABAD - 500 082 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)PARTHASARADHI REDDY, BANDI</b>
Filing Date	:NA	<b>2)KHADGAPATHI, PODILI</b>
(62) Divisional to Application Number	:NA	<b>3)KAMALAKAR REDDY, GOLI</b>
Filing Date	:NA	<b>4)VAMSHI KRISHNA, LEKKALA</b>

(57) Abstract :

The present invention relates to the stable pharmaceutical composition comprising linezolid with hypromellose as a binder and polacrillin potassium as a disintegrant, and optionally one or more additional excipients, wherein the composition linezolid retains its crystalline form.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2561/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF TELMISARTAN

(51) International classification	:C07D 235/00	(71)Name of Applicant : <b>1)OGENE SYSTEMS (I) PVT. LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :#11-6-56, 1ST FLOOR, GSR
(32) Priority Date	:NA	ESTATES, NEAR IDPL, BALANAGAR, HYDERABAD - 500
(33) Name of priority country	:NA	037. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LAKKOJU CHAKRAPANI</b>
(87) International Publication No	: NA	<b>2)KONETI NAGA RAJU</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KOKKALLA SRIDHAR</b>
Filing Date	:NA	<b>4)MALLELA SAMBHU PRASAD SARMA</b>
(62) Divisional to Application Number	:NA	<b>5)BOYAPATI MANORANJAN CHOUDARY</b>
Filing Date	:NA	

(57) Abstract :

Methyl-4-(butyramido)-3-methyl-5-nitrobenzoate is treated with sulphur containing reducing agent to give methyl-4-methyl-2-propyl-1H-benzimidazole-6-carboxylate, which is further hydrolyzed to the corresponding acid, 2-n-propyl-4-methyl-6-carboxy benzimidazole. The critical intermediate 1,4-dimethyl-2-propyl-1H,3H-2,6-bisbenzimidazol (DMPBB) is prepared by treating the above acid with N-methyl-o-phenylenediamine dihydrochloride under acidic conditions. Reaction of 4-halomethylbiphenyl-2-carboxylic acid alkyl ester with DMPBB in presence of base to give Telmisartan ester which is further converted to Telmisartan of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2563/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : REDUCED GRAPHENE OXIDE-BASED-COMPOSITES FOR THE PURIFICATION OF WATER

(51) International classification	:C01B 31/00	(71)Name of Applicant : <b>1)INDIAN INSTITUTE OF TECHNOLOGY</b> Address of Applicant :IIT P.O, CHENNAI - 600 036. Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : <b>1)THALAPPIL PRADEEP</b> <b>2)MUNDAMPRA MALIYEKKAL SHIHABUDHEEN</b> <b>3)THERUVAKKATTIL SREENIVASAN SREEPRASAD</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention describes a versatile, in-situ soft chemical synthetic route for the preparation of various graphene-metal and metal oxide composites. We suggest the use of such composites for water purification, one of the oldest and most commonly used applications of carbon materials, especially of relevance to poor countries. The inherent reduction ability of reduced graphene oxide (RGO) has been utilized to produce the composite structure from the respective precursor ions. The composites are found to be about one order of magnitude better compared to parent RGO and graphite oxide (GO) for this application. To make the composites adaptable for the application like water purification, they were immobilized on river sand (RS) using an environment friendly material, chitosan as the binder. The supported composites showed good stability and enhanced uptake capacity compared to unsupported composites, suggesting their utility in the field. The in-situ reduction strategy, without the aid of any external reducing agents seems to be convenient, cheap and eco-friendly and opens up several application possibilities in diverse fields of environmental relevance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2576/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF (R) -N-BENZYL-2-ACETAMIDO-3-METHOXYPROPIONAMIDE

(51) International classification	:C07C233/00
(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)MSN LABORATORIES LIMITED**  
Address of Applicant : MSN LABORATORIES LIMITED,  
FACTORY: SY.NO.317 & 323, RUDRARAM (VIL),  
PATANCHERU (MDL), MEDAK (DIST)- 502 329. Andhra  
Pradesh India

(72)**Name of Inventor :**  
**1)MANNE SATYANARAYANA REDDY**  
**2)SAJJA ESWARAIH**  
**3)REVU SATYANARAYANA**

(57) Abstract :

The present invention relates to an improved process for the preparation of (R)-N-benzyl-2-Acetamido-3-methoxypropionamide compound of formula-1 represented as below

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2592/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF IRINOTECAN HYDROCHLORIDE BY TOTAL SYNTHESIS

(51) International classification	:C07D491/00
(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)AVRA LABORATORIES PVT.LTD.**  
Address of Applicant :AVRA HOUSE, 7-102/54, SAI  
ENCLAVE, HABSHIGUDA, HYDERABAD-500 007. Andhra  
Pradesh India  
(72)**Name of Inventor :**  
**1)ALLA, VENKATA RAMA RAO**  
**2)RAO, RAMAKRISHNA**  
**3)RAMARAO, CHANDRASHEKAR**  
**4)NANDIPATI, RAMADEVI**  
**5)CHAMLE, VINAY AVINASH**

(57) Abstract :

Disclosed herein is a highly safe and easily scalable process for the production of 7-Ethyl- 10-hydroxycamptothecin and its conversion to Irinotecan hydrochloride by total synthesis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2620/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVED PROCESS TO PREPARE ETHYL 4-METHYL-2-(4-(2- METHYLPROPYLOXY)-3-CYANOPHENYL)-5-THIAZOLECARBOXYLATE

(51) International classification	:C07D 277/00	(71)Name of Applicant : <b>1)NATCO PHARMA LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :NATCO PHARMA LIMITED,
(32) Priority Date	:NA	NATCO HOUSE ROAD NO.2, BANJARA HILLS
(33) Name of priority country	:NA	HYDRABAD,500 033. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KOMPELLA AMALA</b>
(87) International Publication No	: NA	<b>2)GAMPA VENU GOPALA KRISHNA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ADIBHATLA KALI SATYA BHUJANGA RAO</b>
Filing Date	:NA	<b>4)NANNAPANENI VENKAIAH CHOWDARY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a process for the preparation of Ethyl 4-methyl-2-(4-(2-methylpropyloxy)-3- cyanophenyl)-5-thiazolecarboxylate (I) the key intermediate for the preparation of [2-[3- cyano-4-(2-Methyl-propoxy)phenyl]-4-methyl-5-thiazole carboxylic acid] (Febuxostat, 1(A)) is approved under the trademark Uloric ® by the US Food and Drug Administration for the treatment hyperuricemia and gouty arthritis

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2695/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 3,4' - DICHLORODIPHENYL ETHER

(51) International classification	:A01N31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)TAGROS CHEMICALS INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :JHAVER CENTRE, RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALLS
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008. Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. SHAHABUDDIN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAJAIAH SRIKRISHNAN</b>
Filing Date	:NA	<b>3)R. KUPPUSWAMY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a novel process for preparing 3,4-dichlorodiphenyl ether which is a potential intermediate in the pharmaceutical and crop protection industry especially for the preparation of Difenconazole, a systemic fungicide with a novel broad-range activity protecting the yield and crop quality by foliar application or seed treatment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2712/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : CELL MIGRATION COMPOSITION FROM SYZYGIUM CUMINI

(51) International classification	:A61K 8/00	(71)Name of Applicant : <b>1)CAVINKARE PVT. LTD.</b>
(31) Priority Document No	:NA	Address of Applicant :CAVIN VILLE, NO.12, CENOTAPH
(32) Priority Date	:NA	ROAD, CHENNAI-600 018. Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)RAO, DR.GOTTUMUKKALA VENKATESWARA</b>
Filing Date	:NA	<b>2)RAO, DR.KOLISETTY SAMBASIVA</b>
(87) International Publication No	: NA	<b>3)MADHAVI, DR.MACHAVOLU SOUBHAGYA</b>
(61) Patent of Addition to Application Number	:NA	<b>LAKSHMI</b>
Filing Date	:NA	<b>4)MUKHOPADHYAY, DR.TRIPTIKUMAR</b>
(62) Divisional to Application Number	:NA	<b>5)LAVAKUMAR, MR.SIVANANDAM</b>
Filing Date	:NA	

(57) Abstract :

A wound healing agent possessing cell migration characteristics and a cosmetic or pharmaceutical composition, especially dermopharmaceutical composition comprising the said agent in association with a cosmetically/ dermopharmaceutically acceptable vehicle with or without other skin benefiting agents. Advantageously the said wound healing agent is preferably sourced from a safe and renewable plant source, Syzygium cumini Skeels (syn. Eugenia jambolana Lam)., which can be used singly or in combination with cosmetically/ dermopharmaceutically acceptable vehicle/ carriers.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2762/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :22/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DONEPEZIL INTERMEDIATE

(51) International classification	:C07D 211/00	(71)Name of Applicant : <b>1)TYCHE INDUSTRIES LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :H.NO.:C-21/A, ROAD NO.9, FILM
(32) Priority Date	:NA	NAGAR, JUBILEE HILLS, HYDERABAD 500 033 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NARAYANA RAO MUTYALA</b>
(87) International Publication No	: NA	<b>2)RAMADAS CHAVAKULA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SRINIVASA RAO CHENNUPATI</b>
Filing Date	:NA	<b>4)SANDEEP GOKARAJU</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the preparation of N-benzyl-4-formylpiperidine, a key intermediate used in the synthesis Donepezil. The said process comprises of decomposition of compound of formula VII in the presence of base. This invention also provides a process for preparing a compound of formula VII, said method comprises of reacting N-Benzyl -4-hdroxymethylpiperidine with dimethylsulfide and N-chlorosuccinamide; or dimethylsulfide and N-bromosuccinamide; or dimethylsulfide and chlorine gas; or thioanisole and N-chloro succinamide; or thioanisole and N-bromosuccinamide in a suitable organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2766/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :22/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF (3ARS, 12BRS)-5- CHLORO-2-METHYL-2,3,3A,12B-TETRAHYDRO-1HDIBENZO[2,3:6,7] OXEPINO[4,5-C]PYRROLE

(51) International classification :C07D209/00  
(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)MSN LABORATORIES LIMITED**  
Address of Applicant :FACTORY: SY.NO:317 & 323,  
RUDRARAM(VIL), PATANCHERU(MDL), MEDAK(DIST),  
ANDHRA PRADESH-502 329 Andhra Pradesh India  
(72)**Name of Inventor :**  
**1)MANNE SATYANARAYANA REDDY**  
**2)SAJJA ESWARAI AH**  
**3)KOMATI SATYANARAYANA**

(57) Abstract :

The present invention relates to an improved process for the preparation of (3aRS, 12bRS)-5-Chloro-2-methyl-2,3,3a, 12b-tetrahydro-1Hdibenzo[2,3:6,7] oxepino[4,5-c]pyrrole compound of formula-1 and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2788/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : A SIMPLE AND LOW COST PROCESS FOR ALKALI PREPARATION

(51) International classification	:C11D7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)KAY ARR ENTERPRISES,</b>
(32) Priority Date	:NA	Address of Applicant :10/400, PALGHAT ROAD,
(33) Name of priority country	:NA	KUNIAMUTHUR, COIMBATORE - 641 008 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MRS.JAYANTHI RAMACHANDRA</b>
(87) 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 field of textile wet processing. In particular, the present invention relates to a simple and low cost process for the preparation of alkali. Further the present invention relates to the preparation of strong and natural alkali (lye) water.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2810/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : NOVEL POLYMORPHS OF FEBUXOSTAT

(51) International classification	:C07D277/00
(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)HETERO RESEARCH FOUNDATION**

Address of Applicant :HETERO DRUGS LIMITED,HETERO CORPORATE,7-2-A2,INDUSTRIAL ESTATES,SANATH NAGAR,HYDERABAD-500 082. Andhra Pradesh India

(72)Name of Inventor :

**1)PARTHASARADHI REDDY BANDI**

**2)RATHNAKAR REDDY KURA**

**3)MURALIDHARA REDDY DASARI**

**4)RAMAKRISHNA REDDY MATTA**

**5)VAMSI KRISHNA BANDI**

(57) Abstract :

The present invention provides a novel 1,4-dioxane solvate form of febuxostat and process for its preparation. The present invention also provides novel crystalline forms of febuxostat, processes for their preparation and pharmaceutical compositions comprising them.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2828/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :17/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : A PROCESS FOR NANOEMULSIFICATION OF CURCUMIN AND DERIVATIVES OF CURCUMIN

(51) International classification :A61K36/00  
(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)LAILA PHARMACEUTICALS PVT. LTD.,**

Address of Applicant :40-15-14,BRINDAVAN  
COLONY,LABBIPET,VIJAYAWADA-520 010. Andhra Pradesh  
India

(72)Name of Inventor :

**1)NAIR, ANITHA KRISHNAN**

**2)CHANIYILPARAMPU, RAMCHAND NANAPPAN**

**3)KIRAN, BHUPATHIRAJU**

**4)GOKARAJU, RAMA RAJU**

**5)GOKARAJU, GANGA RAJU**

**6)GOLAKOTI, TRIMURTULU**

(57) Abstract :

A process for nanomulsification of highly lipophilic polyphenolic compounds using non-ionic surfactant and a non-ionic co-solvent with the help of sonar energy, to enhance the aqueous solubility is disclosed herein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2008

(21) Application No.2832/CHE/2008 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM OF BILLING A MOBILE DEVICE FOR A ROUTED CALL REQUEST

(51) International classification	:G06F17/28	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Samsung India Software Operations Private Limited.</b>
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Manish Kumar Soni</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Tushar Vrind</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system of billing a mobile device for a routed call request is provided. The method includes establishing connectivity with an access point by the mobile device and routing a call request from the mobile device. Further, the method includes determining identity of the mobile device using identity information of the routed call request. Moreover, the method includes billing the mobile device based on the identity. The system includes one or more access points for routing the routed call request. The system also includes the mobile device comprising a communication interface in communication with the access points and a processor for operating at least one application. The processor also includes a transmitter unit for transmitting the routed call request. Further, the system includes a server comprising an identification unit for determining identity of the mobile device and a billing unit for billing the mobile device.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2837/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :18/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING NETWORK CONNECTIONS IN MOBILE COMMUNICATION DEVICES

(51) International classification	:G06F17/28	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Samsung India Software Operations Private Limited.</b>
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Rajasthan India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GUNTUR RAVI SANKAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for optimizing network connections in communication devices includes initiating a call through a first modem of a communication device. The method includes automatically establishing a call through a second modem of the communication device if the call through the first modem is not established. A method for optimizing network connections includes initiating a call through a first modem and a second modem of a communication device simultaneously. The method includes receiving a call alert response from the second modem and establishing the call through the second modem based on the call alert response. The mobile communication device includes a first modem and a second modem for establishing the connection. Further the mobile communication device includes a modem swapper for switching from the first modem to the second modem based on a call alert response.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2855/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :19/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : A DOUBLE CRANK OPPOSITE CYLINDER ENGINE WITH FLYWHEEL DRIVEN AT HIGH SPEED

(51) International classification

:F16F

(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)DOMMARAJU. KRISHNA MOHAN RAJU**

Address of Applicant :13-6-433/177, NETHAJI NAGAR

COLONY, MEHIDIPATNAM, HYDERABAD - 500 008 Andhra Pradesh India

(72)Name of Inventor :

**1)DOMMARAJU. KRISHNA MOHAN RAJU**

(57) Abstract :

This invention relates to a double crank opposite cylinder engine with flywheel driven at high speed comprising of crank shafts connected to each other by means of a coupling rod outside crank case, a fly wheel provided in front of the engine, which is connected to a big inner gear engaged with pinion on each side and the pinions are attached to gear engaged with flywheel gear connected to the flywheel.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2882/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PREPARING BICALUTAMIDE

(51) International classification	:C07C317/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SHILPA MEDICARE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHRAWAT; VIMAL KUMAR</b>
(87) International Publication No	: NA	<b>2)PUROHIT; PRASHANT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAFIUDDIN</b>
Filing Date	:NA	<b>4)RAO; KARRI PAPA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provide processes for the preparation of N-[4-Cyano-3-(trifluoro methyl) phenyl]-3-[(4-fluorophenyl) sulphonyl]-2-hydroxy-2-methyl propanamide (I). The present application also provides a method of purification of N-[4-Cyano-3-(trifluoro methyl) phenyl]-3-[(4-fluorophenyl) sulphonyl]-2-hydroxy-2-methyl propanamide (I) using ethyl acetate solvent resulting in the product, substantially free from process related impurities A, B , C and D. The crystalline product of the process according to the present invention having an XRDP pattern as per Fig-1, is useful as an active pharmaceutical and has anti-androgenic activity.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2898/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING APPLICATION FOR A FILE

(51) International classification	:G06F7/06	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Samsung India Software Operations Private Limited.</b>
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Shreyas Gopal</b>
(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 identifying application for a file, the method includes obtaining details of the application. Furthermore, the method includes extracting a unique identifier associated with the file. In addition the method includes, saving the details, the unique identifier, and the file. Further, the method also includes receiving a request corresponding to the file from a user and retrieving the details and the unique identifier. Furthermore, the method includes providing the details to the user. The system includes a downloading unit for downloading a file through an application. Further, the system includes a file wrapper unit for obtaining details of the application and a unique identifier associated with the file. Furthermore, the system includes a storage unit for saving the details, the unique identifier, and the file.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2899/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR REDIRECTING USER EQUIPMENT

(51) International classification	:H04W4/16	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Samsung India Software Operations Private Limited.</b>
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Prakash Rao</b>
(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 redirecting user equipment are provided. The method includes receiving a request for establishing a communication between a first user equipment and a second user equipment by a core network. The method also includes determining a second RAT network. Further, the method includes notifying the first user equipment to switch from the first RAT network to the second RAT network. The system includes a plurality of radio access technology (RAT) networks and an user equipment located in a first RAT network. Further, the system includes a home location register for storing service usage history and information of the user equipment. Moreover, the system includes a redirecting unit for receiving a request from the user equipment, determining a second RAT network based on the request and notifying the user equipment to switch from the first RAT network to the second RAT network.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2904/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN ELECTRICAL SWITCH WITH IMPROVED SWITCHING CONTACTS

(51) International classification	:H01H 1/00	(71) <b>Name of Applicant :</b> <b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b> Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SATHEESH PARAMASIVAM</b>
Filing Date	:NA	<b>2)ARUNVEL THANGAMANI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electrical switch comprising a set of terminals (6a, 6b), each of which is arranged with at least one contact means (6a 1, 6b1), an opening (9, 10) for receiving an electrical conductor (12) and screwing means (11) for tightening the electrical conductor. A moving member (7) is arranged with at least two contact means (7a, 7b), one of which (7a) is pivotably and permanently contacted with the contact means (6a 1) of the terminal (6a), and other contact means (7b) of the moving member (7) is in moveable contact with the contact means (6b1) of the terminal (6b). An actuating means (3) is in slidably contact with at least a portion of the moving member for actuating the moving member from a first switching position to a second switching position. Each contact means (6a 1, 6b1, 7a, 7b) of the terminals and the moving member comprises a composite of an inner core (100), which has high ceramic TSC (Titanium Silicon Carbide) proportion and low Ag (Silver) proportion at its center axis, where the percentage of Ag at the center axis of the inner core is gradually increased along with decrease of the percentage of ceramic TSC while moving towards the periphery of the inner core in relation to the center axis. Such contact arrangement of the electrical switch achieves higher wear resistance and higher impact strength, which increase lifespan of the electrical switch and also improves contact quality of the electrical switch.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2910/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR PRESENTING A LIVE SPORTS MATCH ON A MOBILE COMMUNICATION DEVICE

(51) International classification	:H04M3/42
(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)Samsung India Software Operations Private Limited.**  
Address of Applicant :Bagmane Lakeview Block 'B' No.  
66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra  
Bangalore Karnataka India  
(72)**Name of Inventor :**  
**1)NISHANT SHEKHAR**

(57) Abstract :

A method and a system for presenting a live sports match on a mobile communication device include transmitting a plurality of attributes of the live sports match to the mobile communication device. The method also includes converting the plurality of attributes to game control commands. Further, the method includes generating animated graphics of the live sports match based on the game control commands. The system for presenting a live sports match on a mobile communication device includes a server for transmitting a plurality of attributes of the live sports match to the mobile communication device. The system also includes a message converter on the mobile communication device for converting the plurality of attributes to game control commands. Further, the system includes an animated graphics generator on the mobile communication device for generating an animated graphics of the live sports match based on the game control commands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/11/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING MEDIA CONTENT BASED ON GLOBAL POSITIONING SYSTEM (GPS) INFORMATION

<p>(51) International classification :B60G23/00</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p>Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p><b>1)Samsung India Software Operations Private Limited.</b></p> <p>Address of Applicant :Bagmane Lakeview Block 'B' No. 66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra Bangalore Nagaland India</p> <p>(72)Name of Inventor :</p> <p><b>1)AKSHATHA KAMATH</b></p> <p><b>2)ANKUR MAHESHKUMAR GANDHI</b></p> <p><b>3)BALAJI SORNAPPAN</b></p> <p><b>4)KAJA MOHIDEEN SHEIK MOHAMMED PEER</b></p> <p><b>5)KUMARAGURU MANICKAVASAGAM</b></p> <p><b>6)LINGALA REDDEPPA REDDY</b></p> <p><b>7)NAVEEN BOBBILI</b></p> <p><b>8)PRAVEEN GEORGE</b></p> <p><b>9)PRAVEEN THOTA</b></p> <p><b>10)SHASHIDHAR RARAVI</b></p>
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(57) Abstract :

A method and a system for identifying media content based on Global Positioning System (GPS) information are provided. The method includes capturing a media by an electronic device and obtaining GPS information. The method also includes associating the GPS information with the media and dynamically updating the GPS information based on changing locations. Moreover the method includes storing the media and the GPS information and searching the media based on the GPS information. The system includes a capturing unit and GPS receiver for obtaining GPS information at start of the capturing and dynamically updating the GPS information based on changing locations of the capturing unit. The system also includes a processor for associating the GPS information with the media and searching one or more portions of the media based on the GPS information. Moreover the method includes a storing unit for storing the media and the GPS information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :04/10/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : ANTI CANCER, ANTIVIRAL AND IMMUNE STIMULATING ACTIVITY OF MIRACLE TM AND AYURVEDIC BASED FORMULATION FROM NATURAL EXTRACTS OF SWERTIA, CHIRAYATHA PICRORHIZA KURROA AND ECHINACEA PURPUREA

(51) International classification

:A61K  
36/00

(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)DR. M. RAMANA RAO**

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NAGAR COLONY, BAGHAMBERPET, HYDERABAD-500  
039 Andhra Pradesh India

(72)Name of Inventor :

**1)DR. M. RAMANA RAO**

(57) Abstract :

Swertia chirayita is an Himalayan herb known for its Antiviral activity ECHINACEA GENUS known for its immune stimulating and anticancer activity ,PICRORHIZA KURROA is known for its detoxification of liver and also for its immuno modulating effect The extracts isolated from the above plants rich in XANTHENOLIDS, caffeic acid derivatives, feluric acid derivatives and other esterified derivatives. MIRACLE ,, is an ayurvedic formulation composed of above extracts and triterpenoids, caffeic acid derivatives, feluric acid derivatives and other esterified derivatives of Swertia chirayita, ECHINACEA SPECIES, PICRORHIZA KURROA plants. Caffeic acid and feluric acid derivatives are extracted in pure forms from the plant PICRORHIZA KURROA has shown excellent immune stimulating activity particularly activating TH1 class of immune response. Caffeic acid and feluric acid derivatives Has shown antiviral(anti-integrase) activity and also immune stimulating activity by increasing TNF- $\alpha$ , IL- 2(INTERLEUKIN) ,IFN-GAMMA in immune compromised diseased patients.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :05/10/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PREPARING TOLVAPTAN INTERMEDIATES

(51) International classification	:C07D223/00
(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 :

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India

(72)Name of Inventor :

**1)PARTHASARADHI REDDY, BANDI**

**2)RATHNAKAR REDDY, KURA**

**3)MURALIDHARA REDDY, DASARI**

**4)JANAKIRAM REDDY, MARUTHI**

**5)VAMSI KRISHNA, BANDI**

(57) Abstract :

The present invention provides a novel process for the preparation of 7-chloro-2,3,4,5-tetrahydro-1H-l-benzazepin-5-one. The present invention also provides an improved process for the preparation of 7-chloro-1-(2-methyl-4-nitrobenzoyl)-5-oxo-2,3,4,5-tetrahydro-1H-l-benzazepine. The present invention further provides an improved process for the preparation of 7-chloro-1-[2-methyl-4-[(2-methylbenzoyl)amino]benzoyl]-5-oxo-2,3,4,5-tetrahydro-1H-l-benzazepine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2944/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :05/10/2010

(43) Publication Date : 29/06/2012

(54) Title of the invention : NOVEL POLYMORPH OF LACOSAMIDE

(51) International classification	:C07C237/00
(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 :

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Address of Applicant :HETERO DRUGS LIMITED,  
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India

(72)Name of Inventor :

**1)PARTHASARADHI REDDY, BANDI**

**2)RATHNAKAR REDDY, KURA**

**3)MURALIDHARA REDDY, DASARI**

**4)RAJI REDDY, RAPOLU**

**5)SRINIVASA REDDY, PUCHAKAYALA**

**6)VAMSI KRISHNA, BANDI**

(57) Abstract :

The present invention provides novel crystalline form or lacosamide, process for its preparation and pharmaceutical compositions comprising it. The present invention also provides a process for the preparation of lacosamide amorphous form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3737/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :25/06/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYSTEMS, METHODS, DEVICES, AND COMPUTER PROGRAM PRODUCTS PROVIDING FOR REFLECTIVE MEDIA

(51) International classification :H04N 7/173

(31) Priority Document No :11/617,167

(32) Priority Date :28/12/2006

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2007/004142

Filing Date :28/12/2007

(87) 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)Nokia Corporation**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland.

(72)Name of Inventor :

**1)BODA Peter**

**2)BAKOS Balazs**

**3)NURMINEN Jukka K.**

(57) Abstract :

Systems, methods, devices, and computer program products provide for a reflective media system, where the source of a media file may automatically receive information about how recipients of the media file are using the media file. For example, a user may communicate copies of the user's media files to a community of other people, such as friends, family, schoolmates, co-workers, and the like. As the people in the community annotate or edit their copies of the media files, these annotations or edits are communicated back to the user, i.e., the source of the media files. The user can then use these annotations or edits in order to annotate or edit the user's copy of the media files in a similar way. A system may also be provided for reflecting more general use information back to the source of a shared media file.

No. of Pages : 46 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3741/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :27/06/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING AND USING PREDETERMINED SIGNALING OF INTEROPERABILITY POINTS FOR TRANSCODED MEDIA STREAMS

(51) International classification	:H04N 7/50
(31) Priority Document No	:60/883,989
(32) Priority Date	:08/01/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2008/050023
Filing Date	:05/01/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)Nokia Corporation**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland.

(72)Name of Inventor :

**1)HANNUKSELA Miska**

**2)WANG Ye-Kui**

(57) Abstract :

A system and method for identifying when an indicated or predetermined media transcoding process results in a media stream that is compliant with an indicated interoperability point. Various embodiments allow for the encoding, storage, transcoding, and transmission of a media stream, for which a transcoding process is identified and the resulting media stream of the transcoding process is associated with at least one property. The signaling of the property or properties, and an identification of the transcoding process in one embodiment, may be included in the media bitstream, in a file format container containing the media bitstream, or in a transmission or control protocol for transmission or control of the media bitstream.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3831/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : SCRIPT-BASED SYSTEM TO PERFORM DYNAMIC UPDATES TO RICH MEDIA CONTENT AND SERVICES

(51) International classification :H04L 29/06

(31) Priority Document No :60/891,646

(32) Priority Date :26/02/2007

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2008/050676

Filing Date :25/02/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)Nokia Corporation**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland.

(72)Name of Inventor :

**1)CHITTURI Suresh**

(57) Abstract :

A system and method is provided for delivering content to a client device including at least one script without at least one of embedding the at least one script within a web page and referencing the at least one script from the web page. A signal is transmitted to a client device, the signal carrying within a packet stream, a multimedia presentation specified using a markup language and comprised of at least a single data unit. The single data unit includes at least one of a scene content and a scene update, the scene update including at least one of a scene command and a script fragment.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4084/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :10/07/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : TOBACCO PLANTS HAVING REDUCED NICOTINE DEMETHYLASE ACTIVITY

(51) International classification	:C12N15/82, A01H 5/00
(31) Priority Document No	:11/611,782
(32) Priority Date	:15/12/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US07/87386
Filing Date	:13/12/2007
(87) International Publication No	:WO 2008/076802 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)XU, DONGMEI,**

**2)NIELSEN, MARK, T.,**

**3)SHEN, YANXIN ,**

(57) Abstract :

The present invention generally relates to methods and materials involved in producing tobacco plants having reduced levels of conversion of nicotine to nornicotine. In certain embodiments, the invention is directed to mutations in a nicotine demethylase gene, tobacco plants comprising mutations in a nicotine demethylase gene, and tobacco compositions and products thereof. In other embodiments, the invention is directed toward nicotine demethylase RNA interference, tobacco plants comprising a nicotine demethylase RNA interference transgene, and tobacco compositions and products thereof.

No. of Pages : 52 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.409/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :18/02/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR PREPARING AN AMORPHOUS FORM OF (2S,3S,5S)-2-(2,6-DIMETHYLPHENOXYACETYL)-AMINO-3-HYDROXY-5-(2-(1-TETRAHYDROPYRIMID-2-ONLY)-3-METHYLBUTANOYL)-AMINO-1,6-DIPHENYL HEXANE AND PRODUCT THEREOF

(51) International classification	:C07D239/00
(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)MATRIX LABORATORIES LIMITED**

Address of Applicant :1-1-151/1, 4TH FLOOR, SAI RAM  
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(72)Name of Inventor :

**1)DATTA, DEBASHISH**

**2)PRASAD, VELLANKI, SIVA, RAMA**

**3)SAHU, ARABINDA**

**4)BABU, BALUSU, RAJA**

**5)RAYUDU, PUTTA, SUBBA**

**6)RAO, RAVI, MASTAN**

(57) Abstract :

Disclosed herein is a process for preparing an amorphous form of (2S,3S,5S)-2-(2,6-dimethylphenoxyacetyl)-amino-3-hydroxy-5-(2-(1-tetrahydropyrimid-2-only)-3-methylbutanoyl)-amino-1,6-diphenyl hexane(Lopinavir), wherein lopinavir is dissolved in a solvent system, followed by removal of solvent employing drying technique and isolating the resultant pure amorphous form. Further process comprises of heating/drying the lopinavir at higher temperature to melt the solid and form uniform liquid, which is subjected to cooling and drying to give amorphous lopinavir.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.47/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :07/01/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : ELECTRONIC STARTING SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LUCAS TVS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PADI, CHENNAI 600 050 Tamil Nadu
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KRISHNAVILASAM RAGHAVAN ANANDA K NAIR</b>
(87) International Publication No	: NA	<b>2)VARADA IYENGAR NARAYANAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VALLIKAN RATHINAM MARIAPPAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an electronic starting system for an internal combustion (IC) engine. The electronic starting system 200 (as shown in Fig.2) includes a starter motor assembly 100 for starting the IC engine. The starter motor assembly 100 includes a starter motor 102, a solenoid 202, and a pinion 110. The electronic starting system 200 further includes an electronic control unit (I-CU) 206 for regulating the power to the solenoid 202 and the starting motor 102, a first switch 208 for supplying the low power to the solenoid 202 and a second switch 210 for supplying a low and the high power to the starter motor 102. The electronic starting system 200 further comprises a sensor 118 for monitoring the soft engagement of the pinion 110 with the ring gear 212. The ECU 206 in response to the inputs from the sensor 118 controls the switches 208 and 210; such that the soft engagement is achieved for starting the IC engine.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.505/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :28/02/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : A RING SPINNING MACHINE HAVING IMPROVED ARRANGEMENT OF ARM BAR SLIDE/ BRACKET AND ARM BAR

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SOVEREIGN ENGINEERS (P) LTD</b>
(32) Priority Date	:NA	Address of Applicant :INDUSTRIAL ESTATE-KURUCHI
(33) Name of priority country	:NA	COIMBATORE 642 021 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)JAGANATHAN SRINIVASAN</b>
(87) 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 ring spinning machine having an improved arrangement including at least one each of arm bar, arm bar slide / bracket and roller stand wherein said arm bar(1) is adapted to be fixed below said arm bar slide/bracket(2) and the assembly of said arm bar and arm bar slide/bracket so formed is adapted to be fixed to the roller stand of said machine whereby, reasonable adaptability of the machine while changing from existing drafting to spring loaded drafting is achieved, reasonable rigidity in the fixing arrangement is achieved and reasonable improvement in the quality of yam produced is also achieved. The present invention also includes a method of making a ring spinning machine as aforesaid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.594/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :10/03/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN IMPROVED COFFEE MACHINE

(51) International classification	:A47J31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMALGAMATED BEAN COFFEE TRADING
(32) Priority Date	:NA	COMPANY LIMITED
(33) Name of priority country	:NA	Address of Applicant :NO. 23/2 9TH FLOOR, VITTAL
(86) International Application No	:NA	MALLYA ROAD, BANGALORE-560001, Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M. VENKATESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved coffee machine, including a bean grinder, a steam boiler, a brewing unit and a control board, where in the grinder, boiler, brewing unit and control board are integrated on a substrate made of durable material in the manner such as herein described, where by the machine gets adapted to achieve remarkable performance in respect of running and the quality of the final product and high degree of consumer acceptability, in respect of its utility, quality and price competitiveness.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6942/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :25/11/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : UPLINK TRANSPORT FORMAT SELECTION

(51) International classification	:H04L 1/18
(31) Priority Document No	:60/915,236
(32) Priority Date	:01/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2008/051688
Filing Date	:30/04/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland.

(72)Name of Inventor :

**1)WHITEHEAD Michael**

**2)PROVEDI Simone**

(57) Abstract :

A method includes performing transport format combination selection so as to maximize transmission of higher priority data. The method operates, when scheduled and/or non-scheduled grants are taken into account for a transmission time interval, giving data of a given priority belonging to a scheduled MAC-d flow precedence over any lower priority data, whether belonging to a scheduled or a non-scheduled MAC-d flow; and giving data of a given priority belonging to a non-scheduled MAC-d flow precedence over any lower priority data, whether belonging to a scheduled or a non-scheduled MAC-d flow. In the method, where if the transmission contains any scheduled data, the size of a selected MAC-e protocol data unit is made not to exceed the total of all non-scheduled grants which are applicable for transmission in the transmission time interval; a maximum number of scheduled bits based on a serving grant, after adjustment for compressed frames, and a power offset; and the size of triggered scheduling information, if any. Also disclosed are corresponding apparatus and computer programs.

No. of Pages : 46 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.729/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :26/03/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : WHERE AM I - CONTRIVANCE FOR MOBILE BASED LOCATION SERVICES

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LATTICEBRIDGE INFOTECH PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :B-103, BAWA ROAD, 4TH STREET,
(33) Name of priority country	:NA	ABHIRAMAPURAM, CHENNAI-600 018 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LATTICEBRIDGE INFOTECH PRIVATE LIMITED</b>
(87) 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 :

LatticeBridge Infotech Private Limited, the original and sole inventor of the Contrivance, LBIT Where Am I Services, as defined in this detailed specification, hereby claim that to the best of knowledge and belief, there is no other inventor in the world has invented such a Contrivance as above for being able to perform Location Based Services on the mobile phone that provide, a. The current location (location name) of the user in earths surface in a vocal format.

No. of Pages : 21 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.746/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :26/03/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS ADENOSINE RECEPTOR ANTAGONISTS

(51) International classification	:A61K31/00, C07D239/00	(71) <b>Name of Applicant :</b> <b>1)ADVINUS THERAPEUTICS PRIVATE LIMITED</b> Address of Applicant :21 & 22, PEENYA INDUSTRIAL AREA PHASE II, BANGALORE 560058 Karnataka India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PALLE VENKATA</b>
(33) Name of priority country	:NA	<b>2)BASU SUJAY</b>
(86) International Application No	:NA	<b>3)WAMAN YOGESH</b>
Filing Date	:NA	<b>4)RAMADAS VIDYA</b>
(87) International Publication No	: NA	<b>5)BARAWKAR DINESH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds of the present disclosure are fused pyrimidine compounds of formula (I), its tautomers, polymorphs, stereoisomers, prodrugs, solvate or a pharmaceutically acceptable salts thereof, as Adenosine receptor antagonists. Processes of their preparation are also described in the disclosure.

No. of Pages : 145 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.749/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :31/03/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : ANTIOXIDANT JOINT COMPOUND AND METHOD FOR FORMING AN ELECTRICAL CONNECTION

(51) International classification	:H01J 5/00	(71)Name of Applicant :
(31) Priority Document No	:12/062,824	<b>1)PANDUIT CORP.</b>
(32) Priority Date	:04/04/2008	Address of Applicant :17301 SOUTH RIDGELAND
(33) Name of priority country	:U.S.A.	AVENUE, TINLEY PARK, IL 60477 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SOKOL, ROBERT, L;</b>
(87) International Publication No	: NA	<b>2)HACZYNSKI, CHRISTOPHER, R;</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A joint compound for electrical connections is disclosed which includes an antioxidant base material and a quantity of stainless steel grit mixed with the antioxidant base material to provide improved mechanical pullout strength. The joint compound has a weight ratio of antioxidant to stainless steel grit in the range of from about 30:70 to about 90:10, preferably, from about 40:60 to about 70:30, and more preferably about 50:50. The stainless steel grit is cut wire having a diameter within the range of from about 0.012 inches to about 0.125 inches, with a preferred diameter within the range of from about 0.012 inches to about 0.030 inches, and 0.017 inches being a more preferred stainless steel grit diameter. In a method for forming an electrical connection between electrical components, a joint compound as described is applied to mating surfaces of either a suitable connector, the components to be coupled together, or both. The connector is then crimped to the components, for example a wire and grounding rod, such that the joint compound is sandwiched between mating surfaces of the components and the grit penetrates the mating surfaces.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.786/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :03/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROGRESSIVE CRIMPING METHOD

(51) International classification	:D04H 1/00	(71)Name of Applicant :
(31) Priority Document No	:12/099,927	<b>1)PANDUIT CORP.</b>
(32) Priority Date	:09/04/2008	Address of Applicant :17301 SOUTH RIDGELAND
(33) Name of priority country	:U.S.A.	AVENUE, TINLEY PARK, IL 60477 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SOKOL, ROBERT, L;</b>
(87) 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 :

Certain embodiments of the present invention provide a progressive crimping method. The method includes assembling a compression connector for crimping, the compression connector including a first section and a second section; crimping the compression connector to a first crimp depth; crimping the first section of the compression connector to a second crimp depth; and crimping the second section of the compression connector to the second crimp depth.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.787/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :03/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : CURABLE OVERCOAT COMPOSITIONS

(51) International classification	:C04B111/00
(31) Priority Document No	:12/100,672
(32) Priority Date	:10/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)XEROX CORPORATION**

Address of Applicant :45 GLOVER AVENUE, P.O.BOX  
4505, NORWALK, CONNECTICUT 6856-4505 U.S.A.

(72)Name of Inventor :

**1)ODELL, PETER, G;**

**2)BELELIE, JENNIFER, L;**

**3)CHRETIEN, MICHELLE,**

**4)SISLER, GORDON,**

**5)WAGNER, CHRISTOPHER, A;**

(57) Abstract :

An overcoat composition, comprising: at least one gellant; at least one monomer; and a photoinitiator package, wherein the overcoat composition is curable upon exposure to radiation and the overcoat composition is substantially colorless and does not substantially yellow upon curing.

No. of Pages : 35 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.798/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :31/03/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : AN IMPROVED METHOD OF MANUFACTURING OPTICAL DISCS AND OPTICALS DISCS MANUFACTURED BY THE METHOD

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MOSER BAER INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NO 81 VALLUVARKOTTAM HIGH
(33) Name of priority country	:NA	ROAD, NUNGAMBAKKAM, CHENNAI Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LEON KRINGS</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved method for manufacturing optical discs including dyeing, sputtering, optionally bonding and replication of optical discs, wherein said replication is carried out by application of a stamper having a non-stick coating on its surface, whereby defects in the final product, such as high symbol error rate and tracking issues, due to pin-holes, nano-roughness, which affect the optical signal during writing and reading of the discs are nullified. The present invention also provides a method of fabricating an improved stamper for its application during replication of optical discs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.799/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :31/03/2008

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD FOR FABRICATING A SOLAR CELL/MODULE HAVING A PERIODIC TEXTURE AND A SOLAR CELL/MODULE INCORPORATING SUCH TEXTURE

(51) International classification	:HO1L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MOSER BAER INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NO 81, VALLUVARKOTTAM HIGH
(33) Name of priority country	:NA	ROAD, NUNGAMBAKKAM, CHENNAI Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NATH SHIV</b>
(87) International Publication No	: NA	<b>2)NEGI G.S</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved thin film solar cell/ module including a plurality of inter-connected cells wherein there is provided an improved periodic texture on the substrate/superstrate of said cell/module, said texture being of sub-micron size and is adapted to be optimized easily and independently of the material and process parameters, for the sole purpose of ensuring, maximum absorption of solar energy. The present invention also includes a method for fabricating a thin film solar cell/module having a plurality of inter-connected cells including an optical mastering method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :15/04/2009

(43) Publication Date : 29/06/2012

(54) Title of the invention : CYCLICAL SWING ADSORPTION PROCESSES

(51) International classification	:C11B 3/00	(71)Name of Applicant :
(31) Priority Document No	:12/106,659	<b>1)AIR PRODUCTS AND CHEMICALS,INC,</b>
(32) Priority Date	:21/04/2008	Address of Applicant :7201, HAMILTON BOULEVARD,
(33) Name of priority country	:U.S.A.	ALLENTOWN, PA 18195-1501 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)WRIGHT ANDREW DAVID,</b>
(87) International Publication No	: NA	<b>2)KALBASSI, MOHAMMAD, ALI,</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GOLDEN, TIMOTHY, CHRISTOPHER,</b>
Filing Date	:NA	<b>4)RAISWELL, CHRISTOPHER, JAMES,</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The concentration of adsorbate in the feed gas to an on-stream bed of a cyclical swing adsorption process is monitored and the data processed to predict the time required to complete the on-stream mode of that bed and the purge flow rate and/or other regeneration mode operating condition of the concurrently off-stream bed is modified in response to changes in said predicted time whereby the regeneration mode of the off-steam bed is completed at the same time as the on-stream mode of the concurrent on-stream bed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2008

(21) Application No.882/CHE/2008 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE DATA MASKING

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS TECHNOLOGIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO 44 & 97A ELECTRONICS
(33) Name of priority country	:NA	CITY, HOSUR ROAD BANGALORE 560 100 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SAXENA, ASHUTOSH</b>
(87) International Publication No	: NA	<b>2)GUJJARY, VISHAL ANJIAH</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SURNI, KUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for adaptive data masking of data present in a first database, the method comprising the steps of: extracting data from the first data base; providing one or more predefined rules for masking the extracted data; segregating a first portion of extracted data required for masking from a second portion of extracted data, not required for masking; masking the first portion of extracted data using a trained ANN, the ANN being trained for masking at least one database having properties similar to the first database; aggregating the masked data and the second portion of extracted data to arrive at an output structurally similar to the extracted data; determining a deviation value between the arrived output and expected output of the extracted data, the expected output being an output obtained when the trained ANN incorporates all data masking requirements of the first database; and adapting the trained ANN automatically according to data masking requirements of the first database, if the deviation value is more than a predefined value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1102/KOL/2011 A

(19) INDIA

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

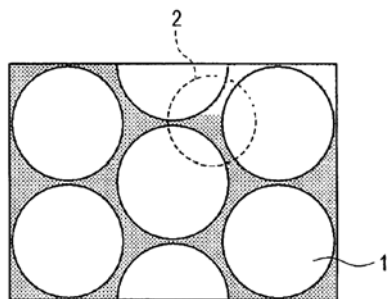
(43) Publication Date : 29/06/2012

(54) Title of the invention : ALLOY STEEL POWDER FOR POWDER METALLURGY, IRON-BASED SINTERED MATERIAL, AND METHOD FOR PRODUCING THE IRON-BASED SINTERED MATERIAL

(51) International classification	:C22C38/00	(71)Name of Applicant :
(31) Priority Document No	:2010-280614	<b>1)JFE STEEL CORPORATION</b>
(32) Priority Date	:26/12/2010	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)SHIGERU UNAMI</b>
Filing Date	:NA	<b>2)YUKIKO OZAKI</b>
(87) International Publication No	: NA	<b>3)NAOMICHI NAKAMURA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An alloy steel powder for powder metallurgy is produced by diffusion-bonding a chromium-containing powder in a chromium-based amount of 0.05% to 0.5% by mass onto surfaces of a steel powder prealloyed with 0.02% to 0.4% by mass of niobium.



No. of Pages : 27 No. of Claims : 6



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1383/KOL/2011 A

(19) INDIA

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

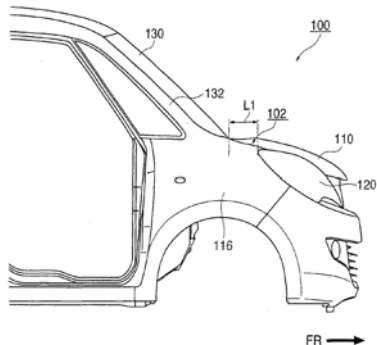
(43) Publication Date : 29/06/2012

(54) Title of the invention : FENDER BRACKET AND VEHICLE FRONT STRUCTURE

(51) International classification	:B62D25/08	(71)Name of Applicant :
(31) Priority Document No	:2010-247948	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:04/11/2010	Address of Applicant :300 TAKATSUKA, MINAMI-KU, HAMAMATSU, SHIZUOKA, 432-8611 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKAMIYA ISAO
Filing Date	:NA	2)MAEDA YASUHIRO
(87) 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 fender bracket 140 attached near the upper end of a cowl side panel 114 which forms a side part of an engine room 112, the fender bracket 140 linking a head lamp arranged on the vehicle front and a fender panel arranged on the outer side of the cowl side panel 114, comprising: a first joining surface 142 which is substantially parallel to the cowl side panel 114, a lower part of the first joining surface 142 overlapping and connected with the upper end of the cowl side panel 114; a second joining surface 144 which is substantially parallel to a front hood 110 which covers the engine room 112, and is a flat surface substantially orthogonal to the first joining surface 142; and a curved part 146 which includes a lower region 146b linked to the upper end of the first joining surface 142 and extends in an outer and diagonally upwards direction, and an upper region 146c linked to the upper end of the lower region 146b and connected to the outer end of the second joining surface 144.



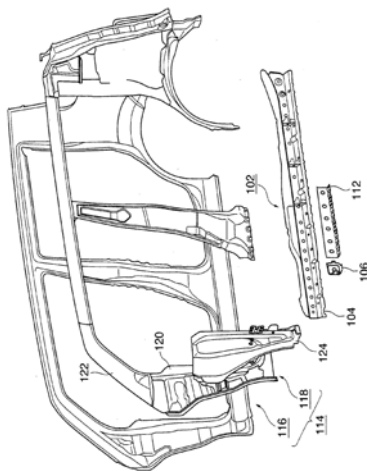
No. of Pages : 21 No. of Claims : 5

## (54) Title of the invention : SIDE SILL STRUCTURE FOR VEHICLE

(51) International classification	:F16M13/00	(71)Name of Applicant :
(31) Priority Document No	:2010-247949	<b>1)SUZUKI MOTOR CORPORATION</b>
(32) Priority Date	:04/11/2010	Address of Applicant :300 TAKATSUKA, MINAMI-KU, HAMAMATSU, SHIZUOKA, 432-8611 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KAWATA JUNGO</b>
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 side sill structure for vehicle including a door hinge reinforcement arranged on a front side of a door aperture of a vehicle side surface and which extends in a vertical direction, a side sill which forms a doorsill of the door aperture, and is joined at a front end near a bottom end of the door reinforcement, wherein the side sill includes, a side sill strengths which extends in a vehicle longitudinal direction and includes a cross section of a substantial hat-shape convex towards the vehicle exterior, a first side sill reinforcement which includes a flat part substantially parallel to a vehicle side surface, and a flange which extends to the vehicle interior continuously from a front end and upper and lower ends of the flat part, a front surface of the flange projects forward further than a front end of the side sill strengths, and is joined to the vehicle interior side near a lower end of the door hinge reinforcement, and an upper surface and lower surface of the flange are connected to an inner surface of a convex part of the side sill strengths, and a second side sill reinforcement arranged on a rear side of the first side sill reinforcement and which is joined to an inner surface of the side sill strengths.



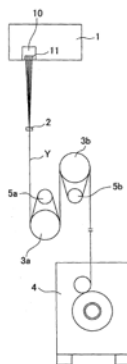
No. of Pages : 25 No. of Claims : 5

(54) Title of the invention : MELT SPINNING DEVICE

(51) International classification	:D01D4/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-252762	<b>1)TMT MACHINERY, INC.</b>
(32) Priority Date	:11/11/2010	Address of Applicant :6TH, FL., OSAKA GREEN BLDG., 2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KOJIMA TAICHI</b>
(87) 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 melt spinning device includes a pack attaching portion 40 to which a spinning pack 10 is attached, and also includes a heated box in which a polymer passage connecting a spin pump with the spinning pack 10 is formed. The pack attaching portion 40 has an attaching tube 41 which protrudes from the outer surface of the heated box and has a thinned portion 58 which is thinner than the other portions. The thickness of the thinned portion 58 of the attaching tube 41 is arranged so that the thinned portion 58 ruptures when the thinned portion 68 receives a predetermined pressure which is not lower than the maximum working pressure of the spinning pack 10 and the melt spinning device and not higher than a burst pressure at a predetermined spinning temperature which is not lower than the melting point of the polymer in the pipes 32 in the heated box.



No. of Pages : 30 No. of Claims : 3

(54) Title of the invention : REAL-TIME CAPABLE BATTERY CELL SIMULATION

(51) International classification

:G06F17/00

(31) Priority Document No

:10 2010

043 761.1

(32) Priority Date

:11/11/2010

(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 :

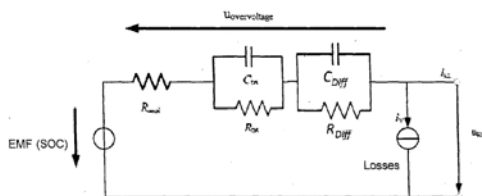
**1)DSPACE DIGITAL SIGNAL PROCESSING AND  
CONTROL ENGINEERING GMBH**Address of Applicant :RATHENAUSTR. 26, D-33102  
PADERBORN GERMANY

(72)Name of Inventor :

**1)HAUPT HAGEN****2)SCHULTE THOMAS****3)VOLBRECHT CHRISTIAN**

(57) Abstract :

Method for real-time simulation of a battery comprising multiple connected single cells, for testing a control unit, wherein the battery is described for simulation purposes by an overall model comprising a first model which models a reference cell and with which the terminal voltage of the reference cell can be calculated, and a second model which calculates the deviation of the terminal voltage of each additional cell from the terminal voltage of the reference cell and makes it available.



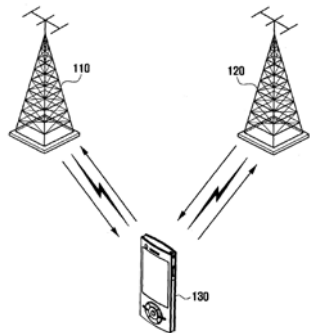
No. of Pages : 22 No. of Claims : 13

(54) Title of the invention : COMMUNICATION METHOD AND APPARATUS FOR MULTI-STANDBY MODE IN A COMMUNICATION TERMINAL

(51) International classification	:H04B5/00	(71)Name of Applicant :
(31) Priority Document No	:10-2010-0130456	<b>1)SAMSUNG ELECTRONICS CO., LTD.</b>
(32) Priority Date	:20/12/2010	Address of Applicant :416, MAETAN-DONG,
(33) Name of priority country	:Republic of Korea	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(86) International Application No	:NA	REPUBLIC OF KOREA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GA RAM YU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

A method for communication in a communication terminal having a single communication module and at least two Subscriber Identification Module (SIM) cards is provided. The method includes performing a first call mode when a call is connected through a first base station in a standby mode by using the communication module and a first SIM card through a first time slot in each frame allocated by the first base station, and performing, when a second call is connected through a second base station while performing the first call mode, a second call mode using the communication module and a second SIM card through a second time slot in each frame allocated by the second base station, the second time slot being spaced apart from the first time slot.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1395/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 29/06/2012

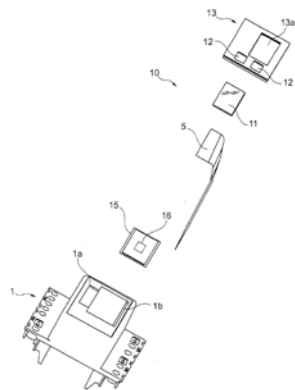
(54) Title of the invention : ENERGY METER

(51) International classification :G01R22/00  
(31) Priority Document No :10191627.8  
(32) Priority Date :18/11/2010  
(33) Name of priority country :EUROPEAN UNION  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SAIA-BURGESS CONTROLS AG**  
Address of Applicant :BAHNHOFSTRASSE 18, CH-3280  
MURTEN, SWITZERLAND  
(72)Name of Inventor :  
**1)COSTA, JEAN-PAUL**

(57) Abstract :

The energy meter for measuring the amount of electrical energy consumed comprises an electrical display (11) for displaying energy information corresponding to the electrical energy consumed. The display (11) is configured to change the energy information displayed by means of energy supplied by an energy source. It is configured such that when the energy supplied by the power source is interrupted the energy information displayed remains visible.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1397/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 29/06/2012

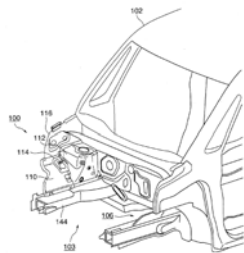
(54) Title of the invention : ENGINE ROOM STRUCTURE

(51) International classification	:B60H1/00
(31) Priority Document No	:2010-257299
(32) Priority Date	:17/11/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SUZUKI MOTOR CORPORATION**  
Address of Applicant :300 TAKATSUKA, MINAMI-KU,  
HAMAMATSU, SHIZUOKA, 432-8611 JAPAN  
(72)**Name of Inventor :**  
**1)AZUMA TAKESHI**

(57) Abstract :

An engine room structure comprising a side face of a vehicle engine room, a flat shaped bottom face spreading from the side face to the engine room side, a cylinder shaped strut tower being connected to the engine room side of the side face and extending upwards from the bottom face, and a bracket being arranged so that a corner formed by three faces including the side face, the bottom face and a front face of the strut tower is covered by a space of a substantially rectangular shape as seen from above, and so that an engine mount is connected to the roof face of the bracket, wherein the bracket includes a total of four flanges along an edge of the bracket, two flanges each contacting the side face and the front face of the strut tower respectively, and another two flanges contacting the bottom face, and each of the four flanges is linked with an adjacent flange respectively in an L shape at a position corresponding to at least a pair of opposite angles of the substantially rectangular shape as seen from above.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1415/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : EJECTION-PERIOD SETTING METHOD FOR SUB-NOZZLES IN AIR JET LOOM

(51) International classification	:B41J29/00	(71)Name of Applicant :
(31) Priority Document No	:2010-265112	1)TSUDAKOMA KOGYO KABUSHIKI KAISHA
(32) Priority Date	:29/11/2010	Address of Applicant :18-18, NOMACHI 5-CHOME,
(33) Name of priority country	:Japan	KANAZAWA-SHI, ISHIKAWA-KEN, 921-8650 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BANBA HIDEKI
(87) International Publication No	: NA	2)MATSUMOTO MASATO
(61) Patent of Addition to Application Number	:NA	3)KUCHIDA NORIO
Filing Date	:NA	4)KAWADA AYAKA
(62) Divisional to Application Number	:NA	5)YAMAZAKI KOKI
Filing Date	:NA	

(57) Abstract :

An ejection-period setting method for sub-nozzles (21) in an air jet loom is provided. The sub-nozzles (21) are divided into groups (1G to 13G) of sub-nozzles (21) that are connected to a common electromagnetic on-off valve (36). The groups (1G to 13G) are divided into downstream and upstream group sets (GU1 and GU3) which each include two or more groups and an intermediate group set (GU2) including the remaining groups. Ejection-amount reducing patterns (patterns hereinafter) are determined and stored in advance in an arbitrarily selectable state, each pattern being determined by setting an ejection-period reducing mode for each of subject group sets in units of predetermined periods so that each pattern includes the ejection-period reducing modes for all of the subject group sets, the subject group sets including the intermediate and upstream group sets (GU2 and GU3). In a process of setting the ejection periods of the sub-nozzles (21), ejection end times of the ejection periods are corrected when a pattern is selected by an operator.

No. of Pages : 46 No. of Claims : 4



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1485/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

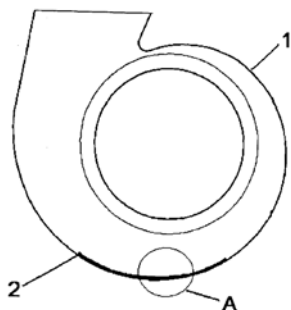
(54) Title of the invention : FAN HOUSING AND RANGE HOOD HAVING THE SAME

(51) International classification :F24C15/00  
(31) Priority Document No :201020680649.X  
(32) Priority Date :24/12/2010  
(33) Name of priority country :China  
(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)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**  
Address of Applicant :CARL-WERY-STR. 34 81739  
MÜNCHEN GERMANY  
(72)**Name of Inventor :**  
**1)CHRISTIAN BOEHM**  
**2)PETER SCHLOTSMANN**

(57) Abstract :

A fan housing (1) and a range hood are provided. A bottom of the fan housing (1) is disposed with an oil guide hole; the fan housing (1) is disposed with a heating system for making oil and/or grease adhered to the fan housing (1) in a liquid state and be discharged from the oil guide hole; the heating system includes a heating foil. The technical solution of the fan housing (1) and range hood can save electric energy consumption, reduce noise significantly, and at the same time has many beneficial effects such as hiding the heating system.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.322/CAL/1998 A

(19) INDIA

(22) Date of filing of Application :27/02/1998

(43) Publication Date : 29/06/2012

(54) Title of the invention : A process for the preparation of furazidin

(51) International classification :C07D405/12  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : 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)SOCIETY OF HILL RESOUCE MANAGEMENT  
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Address of Applicant :CHAKRIYA VIKAS, ABADGANJ,  
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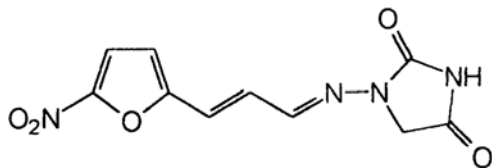
(72)Name of Inventor :

**1)P.K. VERMA**

**2)ARUN KUMAR TIWARI**

(57) Abstract :

There is disclosed a new process for the preparation of furazidin 1-[[3-(5-nitro-2-furyl)-2-propenylidene]amino]-2,4-imidazolidinedione) wherein 3-(5-nitro-2-furyl)propenal is reacted with aminohydantoin derivative of the general formula II, where R is phenyl tolyl 5-nitro-2-furyl or C1-C6 and R1 is hydrogen atom, or R and R1 are both methyl groups or R and R1 together with carbon atom to which they are attached, form cyclic system of 5 or 6 carbon atoms in an aqueous solution or in a mixture of water and water-miscible organic solvent in presence of a mineral acid or sulphonic acid of the formula R2SO3H at reflux temperature, and optionally while removing carbonyl by-product from the reaction medium by distillation Furazidin is a valuable antibacterial agent.



No. of Pages : 17 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4081/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD FOR MANUFACTURING OR TESTING METERED-DOSE-EJECTION DEVICES AND TESTING APPARATUS THEREFORE

(51) International classification :G01F 25/00

(31) Priority Document No :1

(32) Priority Date :01/04/2009

(33) Name of priority country :

(86) International Application No :PCT/EP2009/055206

Filing Date :29/04/2009

(87) International Publication No :WO 2010/124732

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)LEHMANN, MARTIN**

Address of Applicant :WANNENBUEHLSTRASSE 10, CH-5610 WOHLLEN, SWITZERLAND

(72)Name of Inventor :

**1)LEHMANN, MARTIN**

(57) Abstract :

For testing metered-dose-ejection devices, whether the ejected dose accords with a rated dose, the device (1) is sealingly applied (26) to a test compartment (24) and upon machine manipulation on the device (M, 5) a dose is ejected into the test compartment (24). Pressure difference established by such injection and with respect to a pre- established reference pressure (30) in the test compartment (24) is monitored by a pressure sensor (32). The output signal (o) of this sensor (32) is indicative of the extent of the addressed dose.

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

(54) Title of the invention : PORTABLE HEATER

(51) International classification :F24H 3/04, F24V 7/04  
 (31) Priority Document No :61/167,339  
 (32) Priority Date :07/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2010/030202  
       Filing Date :07/04/2010  
 (87) International Publication No :WO 2010/118107  
 (61) Patent of Addition to Application Number :NA  
       Filing Date :NA  
 (62) Divisional to Application Number :NA  
       Filing Date :NA

(71)Name of Applicant :

**1)SUAREZ CORPORATION INDUSTRIES**

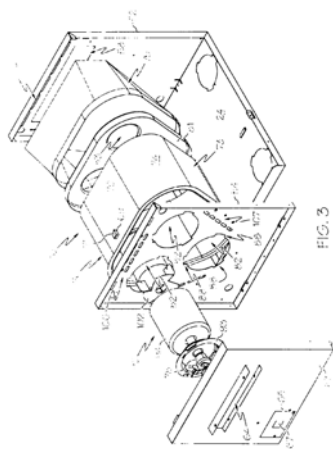
Address of Applicant :7800 WHIPPLE AVENUE, N.W.  
 NORTH CANTON OHIO 44720, A CORPORATION OR OHIO,  
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(72)Name of Inventor :

**1)NEIL R. TYBURK****2)PATRICK M. NOLAN**

(57) Abstract :

A heater is provided with a heater core having a source of thermal energy in a heat exchange relationship with a heat exchanger. A fan moves air through the heater core from an air inlet to an air outlet. The heater core is thermally insulated by an air jacket from an exterior case.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4084/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

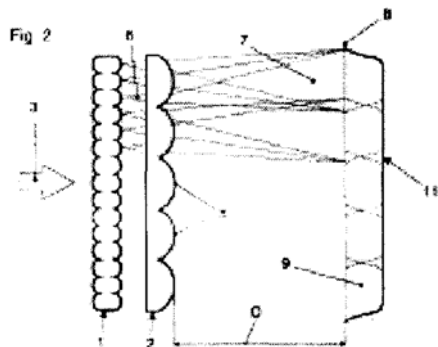
(54) Title of the invention : ARRANGEMENT FOR PRODUCING LASER RADIATION, AND LASER DEVICE COMPRISING SUCH AN ARRANGEMENT

(51) International classification :G02B 27/09  
(31) Priority Document No :10 2009 021 251.5  
(32) Priority Date :14/05/2009  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2010/002896  
Filing Date :12/05/2010  
(87) International Publication No :WO 2010/130415  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)LIMO PATENTVERWALTUNG GMBH & CO. KG**  
Address of Applicant :DORFSTRASSE 12, 36419  
GERSTENGRUND GERMANY  
(72)Name of Inventor :  
**1)ALEKSEI MIKHAILOV**  
**2)YURY KOLOTUSHKIN**

(57) Abstract :

The invention relates to a device for producing laser radiation (3), comprising homogenizing means (1) which can separately homogenize a plurality of groups (7) of sub-beams (6) of laser radiation (3) in such a way that each group (7) of sub-beams (6) emanating from the homogenizing means (1) can produce a linear intensity distribution (9, 19) in a work plane (8), said distribution having flanks (10) which drop steeply at the line ends. The device further comprises a super-positioning means (2) for super-positioning the groups (7) of sub-beams (6) in such a way that a linear intensity distribution (11, 20) having a length longer than the length of each of the linear intensity distributions (9, 19) of the groups (7) of sub-beams (6) can be produced in the work plane (8), wherein the super-positioning means (2) comprise an array, of lenses having a plurality of lenses (5).



No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4085/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : CUTTING INSERT AND CUTTING INSERT ASSEMBLY

(51) International classification	:B23C 5/20
(31) Priority Document No	:198376
(32) Priority Date	:26/04/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/000263
Filing Date	:28/03/2010
(87) International Publication No	:WO 2010/125554
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)ISCAR LTD.**

Address of Applicant :P.O. BOX 11 24959 TEFEN, ISRAEL

(72)Name of Inventor :

**1)HECHT, GIL**

(57) Abstract :

A cutting insert assembly (22) having an insert pocket (30) having a pocket bore (54), a cutting insert (40,140,240,340) and a fastening member (50) coupling the cutting insert (40,140,240,340) in the insert pocket (30). The cutting insert (40,140,240,340) having a cutting insert bore (60,160,260,360), a first surface (62,162,362), a second surface (64,164,364) and a peripheral surface (66,166,366) extending therebetween. The first and second surfaces ( (62, 162, 362), (64, 164, 364) ) meeting the peripheral surface (66,166,366) at first and second peripheral edges (42,142,342,44,144,344), respectively, at least a portion of at least one of the first and second peripheral edges (42,142,342,44,144,344) forming a cutting edge (46,146,346). The cutting insert bore (60,160,260,360) having at least two portions, the smallest of which, has an oval cross section allowing a for quick replacing or indexing of the cutting insert (40,140,240,340), without having to completely remove the fastening member (50) from the pocket bore (54).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4086/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : BOX HAVING FOLDABLE SIDEWALLS WITH A STABLE SIDEWALL STRUCTURE

(51) International classification	:B65D 6/18, B65D 6/22
(31) Priority Document No	:PCT/EP2009/002760
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/054897
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)IFCO SYSTEMS GMBH**  
Address of Applicant :ZUGSPITZSTRASSE 7, 82049  
PULLACH GERMANY  
(72)**Name of Inventor :**  
**1)ORGELDINGER, WOLFGANG**

(57) Abstract :

A foldable box having four foldable exterior walls (4a, 4b, 6a, 6b) comprises at least one stable exterior wall (6b) having at least a first (20a) and a second (20b) spherical wall area convex with respect to an exterior side of the box (1). A bridge (22) arranged at the outside of the exterior wall (6b) is arranged between the first (20a) and the second (20b) spherical surface and extends across the height of the exterior wall (6b). At least one rib (26a) additionally extends from the bridge (22) to the first (20a) and to the second (20b) spherical surface area.

No. of Pages : 41 No. of Claims : 8

(54) Title of the invention : METHOD FOR TRANSMITTING AND RECEIVING ACKNOWLEDGMENT IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B 7/26  
 (31) Priority Document No :61/167,834  
 (32) Priority Date :08/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/KR2010/002098  
     Filing Date :06/04/2010  
 (87) International Publication No :WO 2010/117189  
 (61) Patent of Addition to Application Number :NA  
     Filing Date :NA  
 (62) Divisional to Application Number :NA  
     Filing Date :NA

## (71)Name of Applicant :

**1)LG ELECTRONICS INC.**

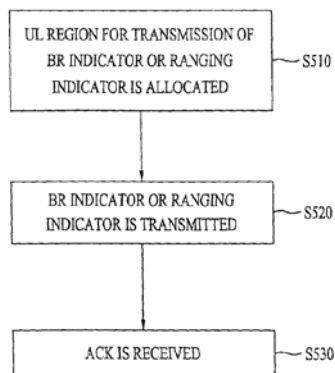
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## (72)Name of Inventor :

**1)CHO HEE JEONG****2)RYU KI SEON****3)YUK YOUNG SOO****4)JUNG IN UK****5)KWAK JIN SAM****6)LEE EUN JONG****7)KIM SU NAM****8)KIM YONG HO**

## (57) Abstract :

A method for transmitting and receiving an ACKnowledgment (ACK) in a wireless communication system is disclosed. The method includes transmitting a bandwidth request indicator to a Base Station (BS), and receiving an ACK for the transmitted bandwidth request indicator from the BS, the ACK including a resource start offset field The resource start offset field indicates an index of a starting resource unit of resources allocated by the ACK.



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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4087/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

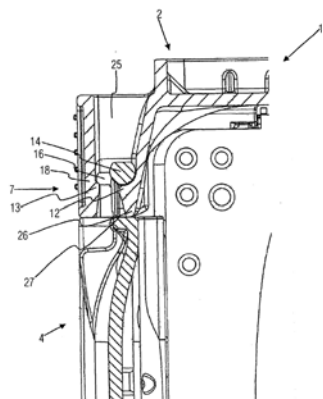
(54) Title of the invention : CONTAINER COMPRISING A COLLAPSIBLE SIDEWALL

(51) International classification :B65D 6/18  
(31) Priority Document No :NA  
(32) Priority Date :19/11/2009  
(33) Name of priority country :  
(86) International Application No :PCT/EP2009/002760  
Filing Date :15/04/2009  
(87) International Publication No :WO 2010/118758  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)IFCO SYSTEMS GMBH**  
Address of Applicant :ZUGSPITZSTRASSE 7, 82049  
PULLACH GERMANY  
(72)Name of Inventor :  
**1)DEKKERS, HENDRIK**

(57) Abstract :

The present invention relates to a container (1) comprising foldable sidewalls which has a hinge connection (7) which almost entirely prevents the base (2) from slumping relative to the sidewall (4) even under load. The container (1) may be produced in a particularly simple and inexpensive manner, since due to the specific hinge connection (7), the base (2) may be produced, in an injection-molding process, without any slide in the tool, and since a simple tool arrangement is thus enabled.



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

(54) Title of the invention : TEXTILE WEB MATERIAL AND METHOD FOR PRODUCING SAME

(51) International classification :D03D 3/08,D03D 11/02  
 (31) Priority Document No :10 2009 016 041.8  
 (32) Priority Date :02/04/2009  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2010/000770  
 Filing Date :08/02/2010  
 (87) International Publication No :WO 2010/112102  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

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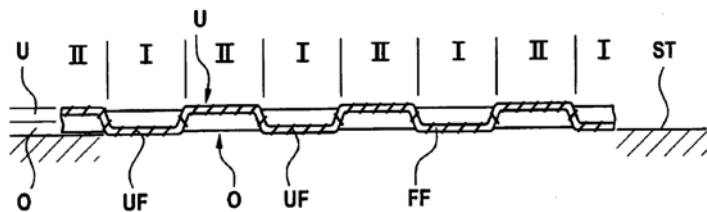
MAULBURG, GERMANY

(72)Name of Inventor :

**1)RUSCHULTE, JÖRG**

(57) Abstract :

The invention relates to a woven textile web material having an upper fabric layer (O) and a lower fabric layer (U), comprising warp threads (K) and first and second weft threads, and comprising carrier filaments (FF) and enwinding filaments (UF) encompassing the same as second weft threads, characterized in that the carrier filaments (FF) are integrated in the textile web material such that they appear at the surface of the upper fabric layer (O) in first width areas (I) substantially parallel to the warp thread direction, and do not appear at the surface of the upper fabric layer (O) in second width areas (II) substantially parallel to the warp thread direction (O).



No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4090/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

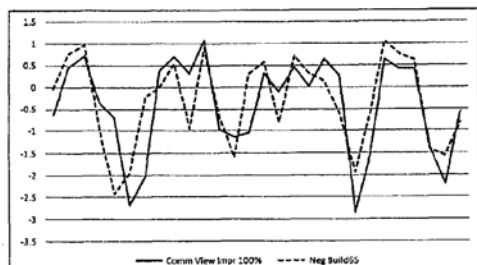
(54) Title of the invention : METHOD AND SYSTEM FOR PREDICTING AUDIENCE VIEWING BEHAVIOR

(51) International classification :G06F 17/00  
(31) Priority Document No :61/164,892  
(32) Priority Date :30/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/029162  
Filing Date :30/03/2010  
(87) International Publication No :WO 2010/117763  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)INNERSCOPE RESEARCH, INC.**  
Address of Applicant :98 NORTH WASHINGTON STREET,  
2ND FLOOR, BOSTON, MASSACHUSETTS 02114 UNITED  
STATES OF AMERICA  
(72)**Name of Inventor :**  
**1)MARCI, CARL D.**  
**2)LEVINE, BRIAN**  
**3)KOTHURI, RAVI KANTH V.**  
**4)SIEFERT, CALEB J.**

(57) Abstract :

The present invention is directed to a method and system for predicting the behavior of an audience based on the biologically based responses of the audience to a presentation that provides a sensory stimulating experience and determining a measure of the level and pattern of engagement of that audience to the presentation. In particular, the invention is directed to a method and system for predicting whether an audience is likely to view a presentation in its entirety. In addition, the present invention may be used to determine the point at which an audience is likely to change their attention to an alternative sensory stimulating experience including fast forwarding through recorded content, changing the channel or leaving the room when viewing live content, or otherwise redirecting their engagement from the sensory stimulating experience.



No. of Pages : 54 No. of Claims : 19

(54) Title of the invention : INDIRECT COOLING OF A CUTTING TOOL

(51) International classification :B23B 27/10  
 (31) Priority Document No :12/418,688  
 (32) Priority Date :06/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2010/029950  
     Filing Date :05/04/2010  
 (87) International Publication No :WO 2011/005340  
 (61) Patent of Addition to Application Number :NA  
     Filing Date :NA  
 (62) Divisional to Application Number :NA  
     Filing Date :NA

(71)Name of Applicant :

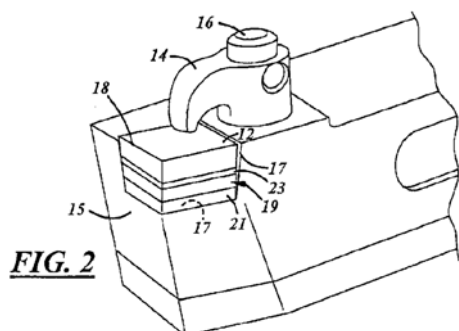
**1)CREARE INCORPORATED**Address of Applicant :16 GREAT HOLLOW ROAD,  
HANOVER, NH 03755 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)ROZZI, JAY, CHRISTOPHER****2)CHEN, WEIBO****3)ARCHIBALD, EVERETT, EDGAR, JR.**

(57) Abstract :

A cutting tool having a cutting element such as an insert is cooled indirectly by a micro-channel heat exchanger that is mounted against the rear face of the insert. The heat exchanger is formed with an internal cavity that receives a coolant such as a cryogen. The cavity may include fins to enhance the removal of heat by the cryogen from the insert. Coolant inlet and outlet tubes are coupled to the interior of the heat exchanger to supply cryogen to the cavity. The flow rate of cryogen required to cool the insert during a given machining operation is less than one percent of the amount of standard coolant required to cool the same insert during the same machining operation.



No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.4091/KOLNP/2011 A

(43) Publication Date : 29/06/2012

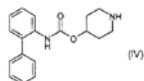
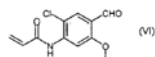
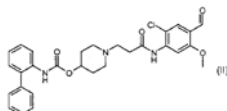
(54) Title of the invention : PROCESS FOR THE PREPARATION OF A BIPHENYL-2-YLCARBAMIC ACID ESTER

(51) International classification :C07D 211/46  
(31) Priority Document No :61/169,046  
(32) Priority Date :14/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/EP2010/054893  
Filing Date :14/04/2010  
(87) International Publication No :WO 2010/119064  
(61) Patent of Addition 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)EDNEY, DEAN, DAVID**  
**2)JOHN, MATTHEW, PETER**

(57) Abstract :

A process for the preparation of the compound of Formula (II): which process comprises reacting a compound of Formula (VI): with a compound of Formula (IV): in a suitable solvent.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4093/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : ANALYTE DETECTION USING LIQUID CRYSTALS

(51) International classification :G01N 21/59  
(31) Priority Document No :61/171,699  
(32) Priority Date :22/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/032055  
Filing Date :22/04/2010  
(87) International Publication No :WO 2010/126774  
(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)ABBOTT, NICHOLAS, L.**  
**2)LIN, MING-HSIEN**  
**3)MURPHY, CHRISTOPHER, J.**  
**4)GUPTA, JUGAL, K.**

(57) Abstract :

Devices and methods for using changes in the defects in micrometer sized dispersed liquid crystal domains to detect or quantify analytes in a test sample, including endotoxin lipopolysaccharide (LPS), are disclosed. The dispersed liquid crystal microdomains are exposed to the test sample, and any changes in the number of defects in the liquid crystal microdomains are detected by detecting changes in the anchoring configuration of the microdomains. Such changes in anchoring configuration indicate the presence of analyte in the test sample.

No. of Pages : 69 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4094/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : RADIO BASE STATION AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W 72/04  
(31) Priority Document No :2009-075222  
(32) Priority Date :25/03/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/055054  
Filing Date :24/03/2010  
(87) International Publication No :WO 2010/110299  
(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)KIYOSHIMA, KOHEI**  
**2)ISHII, HIROYUKI**  
**3)OKUBO, NAOTO**

(57) Abstract :

A radio base station according to the present invention comprising : a radio base station, comprising a resource assignment unit configured to assign a time direction resource, a frequency direction resource, and a code direction resource, as a physical signal transmission resource for transmitting a predetermined physical signal, to each mobile station, the frequency direction resource is configured to be specified by a frequency region and a frequency position within the frequency region when frequency bandwidths used in a plurality of physical signals transmitted by each mobile station are the same, the resource assignment unit is configured to assign the code direction resource after assigning the time direction resource and the frequency direction resource, as the physical signal transmission resource, to each mobile station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4095/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

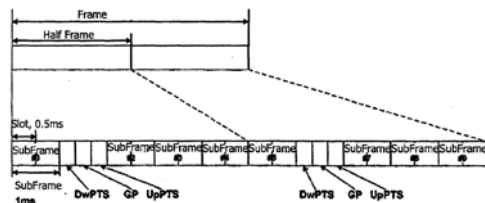
(54) Title of the invention : SIGNAL TRANSMISSION METHOD AND APPARATUS IN A RELAY COMMUNICATION SYSTEM

(51) International classification :H04B 7/14  
(31) Priority Document No :61/168,209  
(32) Priority Date :09/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/KR2010/002134  
Filing Date :07/04/2010  
(87) International Publication No :WO 2010/117208  
(61) Patent of Addition 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)SEO, HAN-BYUL**  
**2)KIM, HAK-SEONG**  
**3)KIM, KI-JUN**  
**4)KWON, SOON-YIL**

(57) Abstract :

The present invention relates to a data transmission/receiving method and apparatus in a relay communication system. In particular, the data transmission/receiving method through a backhaul link between a base station and a relay node in a relay communication system comprises: composing a backhaul subframe including a control signal transmission period to which a control signal is allocated and a backhaul signal transmission period to which a backhaul signal is allocated and then allocating the backhaul signal; transmitting configuration information about the backhaul subframe, the information containing symbol position or size data of the backhaul signal transmission period, to the relay node through an upper layer signal; and transmitting the backhaul signal having been allocated through the backhaul subframe to the relay node.



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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4096/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

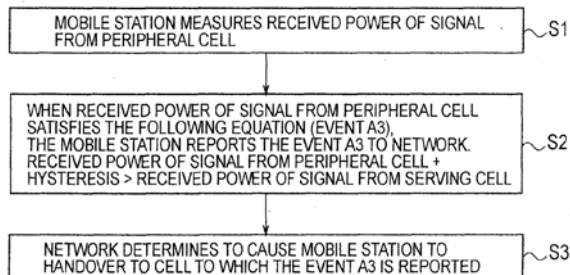
(54) Title of the invention : MOBILE STATION AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W 24/10  
(31) Priority Document No :2009-072946  
(32) Priority Date :24/03/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/055060  
Filing Date :24/03/2010  
(87) International Publication No :WO 2010/110302  
(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)NAKAMORI, TAKESHI**  
**2)ISHII, HIROYUKI**  
**3)IWAMURA, MIKIO**

(57) Abstract :

A mobile station (UE) according to the present invention includes: a measurement unit (13) configured to measure a radio quality of a serving cell and a peripheral cell; a filtering unit (14) configured to perform filtering on the measurement result; and a determination unit (15) configured to determine as to whether or not to notify the measurement result after the filtering. The filtering unit (14) configured to adjust a filter coefficient for filtering the measurement result, when the mobile station (UE) is in a discontinuous reception state.



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

(54) Title of the invention : INTERMEDIATE PRESSURE STORAGE SYSTEM FOR THERMAL STORAGE

(51) International classification :F03G 6/02, F03G 6/06  
 (31) Priority Document No :61/163,459  
 (32) Priority Date :26/03/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2010/028970  
 Filing Date :26/03/2010  
 (87) International Publication No :WO 2010/111688  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)SOLAR STORAGE COMPANY**

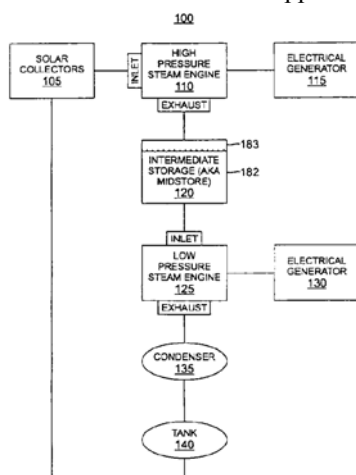
Address of Applicant :1051 FIFE STREET, PALO ALTO, CA 94301 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)MIERISCH, ROBERT, CHARLES****2)BISSET, STEPHEN, JAMES**

(57) Abstract :

The apparatus may include a first steam engine, an intermediate storage, and a second steam engine. The first steam engine may include a first inlet and a first exhaust, wherein the first inlet receives steam from a source of thermal energy. The intermediate storage may be coupled to the first exhaust, wherein the intermediate storage stores thermal energy provided by steam from the first exhaust. The second steam engine may include a second inlet coupled to the intermediate storage. Moreover, at least one of the first steam engine and the second steam engine may produce work. Furthermore, the first steam engine may be driven by the steam received from the source of thermal energy, and the second steam engine may be driven by steam from at least one of the intermediate storage and the first exhaust. Related apparatus and methods are also described.



No. of Pages : 46 No. of Claims : 20

(54) Title of the invention : RADIO BASE STATION AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W 72/04  
 (31) Priority Document No :2009-075221  
 (32) Priority Date :25/03/2009  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2010/055020  
 Filing Date :24/03/2010  
 (87) International Publication No :WO 2010/110285  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

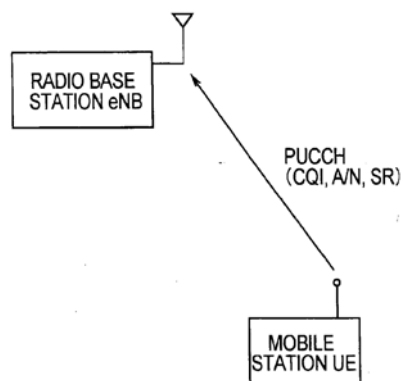
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(72)Name of Inventor :

**1)KIYOSHIMA, KOHEI****2)ISHII, HIROYUKI****3)OKUBO, NAOTO**

(57) Abstract :

A radio base station according to the present invention comprising : a radio base station comprising a resource assignment unit configured to assign a resource candidate for transmitting a semi-persistent scheduling transmission acknowledgement signal to a first mobile station during a semi-persistent scheduling bearer setting process, the resource candidate for transmitting a semi-persistent scheduling transmission acknowledgement signal is a resource candidate formed by a combination of a frequency direction resource and a code direction resource by which the first mobile station transmits a transmission acknowledgement signal after a predetermined timing from a timing of receiving downlink data, to the downlink data that has been scheduled by semi-persistent scheduling and has been transmitted via a downlink data channel, and the resource assignment unit is configured to assign the resource candidate for transmitting a semi-persistent scheduling transmission acknowledgement signal to the first mobile station based on a number of assignments of predetermined resources formed by a combination of a frequency direction resource and a code direction resource during a semi-persistent scheduling transmission acknowledgement signal transmission period of the first mobile station, and when the downlink data is scheduled by the semi-persistent scheduling, the resource assignment unit is configured to select a resource for transmitting a transmission acknowledgment signal for the downlink data from among the resource candidates for transmitting a semi-persistent scheduling transmission acknowledgement signal.



No. of Pages : 48 No. of Claims : 7

## (54) Title of the invention : METHOD FOR AUTOMATIC POURING

(51) International classification :B22D 39/04  
 (31) Priority Document No :2009-090249  
 (32) Priority Date :02/04/2009  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2010/054791  
 Filing Date :19/03/2010  
 (87) International Publication No :WO 2010/113676  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

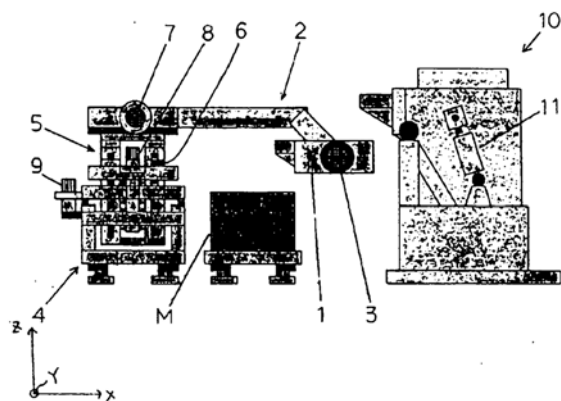
**1)SINTOKOGIO, LTD.**Address of Applicant :28-12, MEIEKI 3-CHOME,  
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## (72)Name of Inventor :

**1)BANNO KOUICHI****2)HYOUDO TOSHIYUKI****3)NISHIDA TADASHI**

## (57) Abstract :

Provided is an automatic pouring method whereby even a tilting automatic pouring device can pour at high speed, accommodating high-speed molding on a high-speed molding line. Said method includes: a process wherein a pouring tank, which can hold an amount of molten metal sufficient for multiple pours, is tilted forward, thereby pouring the molten metal from inside said tank into a casting mold; a process wherein the pouring tank is tilted backward, thereby halting the aforementioned pouring into the casting mold; and a process wherein a set of casting molds, including the casting mold for which the aforementioned pouring had completed, are moved at intervals. During the period from the beginning of the process in which molten metal is poured into the casting mold to the end of the process in which the set of casting molds is moved at intervals, whenever the weight of molten metal in the pouring tank is less than a prescribed weight, molten metal is continually supplied to the pouring tank by tilting a holding furnace forward.



No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4100/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 29/06/2012

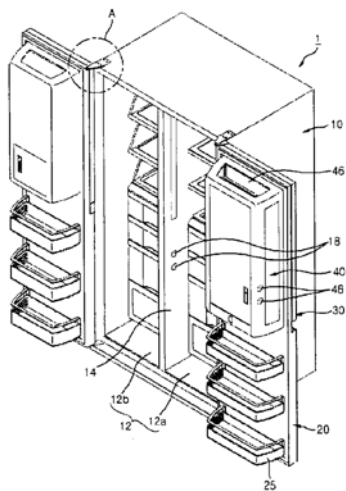
(54) Title of the invention : REFRIGERATOR

(51) International classification :F25D 23/02  
(31) Priority Document No :10-2009-0049240  
(32) Priority Date :03/06/2009  
(33) Name of priority country :Republic of Korea  
(86) International Application No :PCT/KR2010/003542  
Filing Date :01/06/2010  
(87) International Publication No :WO 2010/140836  
(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)KWON, HONGSIK**  
**2)CHANG YONGHUN**  
**3)HWANG JUNGYEON**  
**4)YU SEONIL**

(57) Abstract :

A refrigerator is disclosed. The refrigerator includes a cabinet configured to define an exterior boundary of the refrigerator. The refrigerator also includes a first storage chamber defined by interior walls of the cabinet and configured to store food stuffs. The refrigerator further includes a first door configured to open and close the first storage chamber by rotating about a rotational axis. In addition, the refrigerator includes a second storage chamber that is smaller than the first storage chamber defined at a side of the first door, and that is configured to enable access to food stuffs while the first door remains closed and a second door, located in a predetermined portion of the first door, configured to open and close the second storage chamber by rotating the rotational axis, wherein a rotation direction of the second door is identical to the rotation direction of the first door.



No. of Pages : 22 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification	:A61F 13/49
(31) Priority Document No	:2009-076909
(32) Priority Date	:26/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055362
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/110421
(61) Patent of Addition 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)OKU, TOMOMI**

**2)SAKAGUCHI, SATORU**

(57) Abstract :

An absorbent article includes: a belly waistline portion to be fitted to a belly waistline of a wearer; a rear waistline portion to be fitted to a rear waistline of the wearer; a crotch portion to be fitted to a crotch of the wearer; a central portion in a width direction of the absorbent article. The central portion includes an absorber; and a lateral portion located outside the central portion in the width direction of the absorbent article. The backsheet includes a stretched portion stretched by stretch processing in the width direction of the absorbent article perpendicular to a belly-to-rear direction extending from the belly waistline portion to the rear waistline portion, and a unstretched portion not stretched by the stretch processing. The stretched portion includes a central stretched portion located in at least part of the central portion within the crotch portion, and a lateral stretched portion located in at least part of the lateral portion within the crotch portion.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4103/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : ORALLY DISINTEGRATING COATED TABLET

(51) International classification	:A61K 9/36
(31) Priority Document No	:2009-081916
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055517
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/113841
(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)SUGURU TAKAKI**

**2)KOTOE OHTA**

**3)YASUhide HORIUCHI**

(57) Abstract :

The present invention relates to a stable orally disintegrating coated tablet containing a drug, wherein the tablet is coated with a coating layer containing a water-soluble substance and a polyvinyl alcohol resin of not less than 5% by weight based on the weight of the coating layer, the water-soluble substance dissolving in an amount of 1 g or more in less than 10 mL of water at 20°C, having a hydroxyl group(s) in its molecule, and having a molecular weight of not more than 200 per a unit hydroxyl group. There is provided a stable orally disintegrating coated tablet which does not cause a crack in the coating layer even when the orally disintegrating tablet has been swollen by moisture absorption under high humidity, while ensuring rapid disintegration properties in an oral cavity. In the case of an orally disintegrating tablet containing a light-unstable drug, degradation of the drug can be suppressed by blending a light shading agent in the coating layer.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4123/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROCESS FOR REMOVING PESTICIDES FROM GINKGO BILOBA EXTRACTS, AND EXTRACTS OBTAINABLE BY SAID PROCES

(51) International classification	:A23L 1/015
(31) Priority Document No	:MI2009A000548
(32) Priority Date	:06/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/002046
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/115566
(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)GIORI, ANDREA**

**2)MOMBELLI, GIACOMO**

**3)ARPINI, SABRINA**

**4)ACERBI, MARIO**

(57) Abstract :

Process for removing pesticides from Ginkgo biloba extracts, which involves submitting an extract obtained by conventional methods to the following steps: a. Liquid-liquid extraction of the extract to obtain a medium polarity fraction containing ginkgo terpenes and pesticides not removable with hexane, and a high polarity fraction containing ginkgo flavone glycosides; b. crystallisation from the medium polarity fraction obtained at step a) to give an intermediate with a ginkgolide content of not less than 50%; c. crystallisation from the residual solution obtained at step b) to give an intermediate with a bilobalide content of not less than 50%; d. mixing of the high polarity fraction obtained at step a) with the ginkgo terpene intermediate and the bilob- alide intermediate obtained at steps b) and c).

No. of Pages : 17 No. of Claims : 6



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4124/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

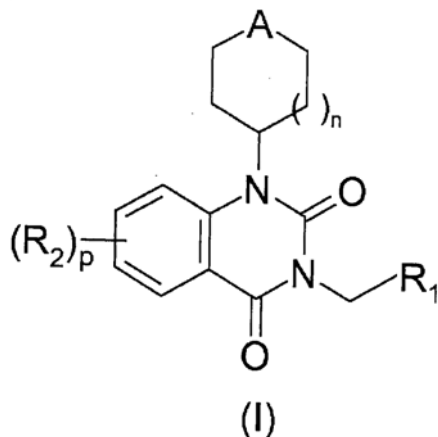
(43) Publication Date : 29/06/2012

(54) Title of the invention : QUINAZOLINEDIONE DERIVATIVES, PREPARATION THEREOF AND VARIOUS THERAPEUTIC USES THEREOF

(51) International classification	:C07D 407/04,A61K 31/517	(71)Name of Applicant :
(31) Priority Document No	:0901760	1)SANOFI
(32) Priority Date	:09/04/2009	Address of Applicant :174, AVENUE DE FRANCE, F-75013 PARIS FRANCE
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/FR2010/050664	1)CLAUSS, ANNIE
Filing Date	:07/04/2010	2)GLAESS, CHRISTOPHE
(87) International Publication No	:WO 2010/116088	3)MARCINIAK, GILBERT
(61) Patent of Addition to Application Number	:NA	4)NAVE, JEAN-FRANÇOIS
Filing Date	:NA	5)VIVET, BERTRAND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter of the invention is quinazolinedione derivatives of formula (I) with A being a sulphur or oxygen atom or a sulfoxide or a sulphone group, methods for obtaining same and therapeutic uses thereof, such as cancer, diabetes, muscle diseases, bone diseases, cardiovascular diseases, central nervous system diseases, peripheral nervous system diseases, inter alia.



No. of Pages : 85 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4125/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : BATTERY CHARGING CONTROL METHODS, ELECTRIC VEHICLE CHARGING METHODS, BATTERY CHARGING APPARATUSES AND RECHARGEABLE BATTERY SYSTEMS

(51) International classification :H02J 7/34  
(31) Priority Document No :12/467,192  
(32) Priority Date :15/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/034438  
Filing Date :11/05/2010  
(87) International Publication No :WO 2010/132495  
(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)TUFFNER, FRANCIS, K.**  
**2)KINTNER-MEYER, MICHAEL C.W.**  
**3)HAMMERSTROM, DONALD, J.**  
**4)PRATT, RICHARD, M.**

(57) Abstract :

Battery charging control methods, electric vehicle charging methods, battery charging apparatuses and rechargeable battery systems are described. According to one aspect, a battery charging control method includes accessing information regarding a presence of at least one of a surplus and a deficiency of electrical energy upon an electrical power distribution system at a plurality of different moments in time, and using the information, controlling an adjustment of an amount of the electrical energy provided from the electrical power distribution system to a rechargeable battery to charge the rechargeable battery.

No. of Pages : 41 No. of Claims : 33

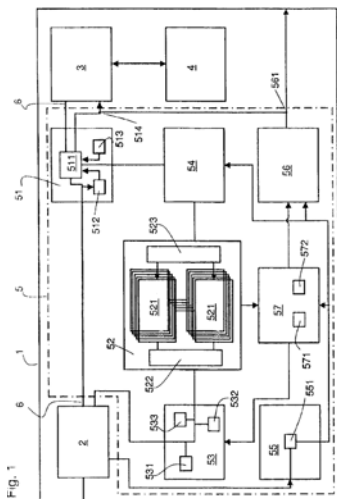
(54) Title of the invention : CIRCUIT AND METHOD FOR AN UNINTERRUPTABLE POWER SUPPLY OF ELECTRONIC MODULES

(51) International classification :H02J 9/06  
 (31) Priority Document No :10 2009 002 202.3  
 (32) Priority Date :06/04/2009  
 (33) Name of priority country :Germany  
 (86) International Application No :PCT/EP2010/053088  
 Filing Date :11/03/2010  
 (87) International Publication No :WO 2010/115674  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)BECKHOFF AUTOMATION GMBH**  
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 (72)Name of Inventor :  
**1)ANDREAS THOME**  
**2)HANS BECKHOFF**

(57) Abstract :

A capacitive energy accumulator (52) which is connected to an energy supply (2) is charged for an uninterruptable power supply of a load. The charging of the capacitive energy accumulator is monitored by evaluating a voltage of the capacitive energy accumulator and is aborted upon detection of an error, wherein, if a first predetermined voltage drop occurs at a voltage applied via the energy supply, an energy required for supplying the load is provided by discharging the capacitive energy accumulator, and wherein, if a second predetermined voltage drop occurs at the voltage applied via the energy supply which exceeds the first predetermined voltage drop, a supply of the load with energy via the energy supply is switched to a supply of the load with energy from the capacitive energy accumulator.



No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4126/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : BATTERY CHARGING CONTROL METHODS, ELECTRICAL VEHICLE CHARGING METHODS, BATTERY CHARGING CONTROL APPARATUS, AND ELECTRICAL VEHICLES

(51) International classification	:B60L 11/00, H02J 7/34
(31) Priority Document No	:12/466,312
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034432
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132490
(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)KINTER-MEYER, MICHAEL**

(57) Abstract :

Battery charging control methods, electrical vehicle charging methods, battery charging control apparatus, and electrical vehicles are described. In one arrangement, battery charging control methods include accessing price information for electrical energy supplied by an electrical power distribution system and controlling an adjustment of an amount of the electrical energy from the electrical power distribution system used to charge a rechargeable battery at different moments in time using the price information. Other arrangements are described.

No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4114/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : NICOTINE DISSOLVING FILM WITH OR WITHOUT MENTHOL

(51) International classification :A61K 9/70  
(31) Priority Document No :12/417,540  
(32) Priority Date :02/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/029152  
Filing Date :30/03/2010  
(87) International Publication No :WO 2010/114816  
(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)LOCKWOOD, JR, HANFORD N.**  
**2)LOCKWOOD, MICHELE**

(57) Abstract :

A fast-dissolving film to be placed in the oral cavity of a person includes nicotine, or nicotine analog, with or without menthol, or menthol analog, that can be absorbed through the oral mucosa directly into the person's bloodstream for the purpose of reducing a temporary craving for nicotine during periods when smoking is not possible, or for therapeutic purposes, the film being thin and made from a low-moisture, non-tacky material that becomes dissolved when hydrated and that is sized so that the substrate can be placed in oral cavities of persons. From 0.1 mg to 10 mg nicotine, or a nicotine analog, and, optionally, menthol, or a menthol analog, are added to the substrate, which is then packaged in a flat, sealed container that can be unobtrusively placed into a pocket earned by the smoker, thereby making the container readily accessible to the smoker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4127/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : PROTEASE INHIBITORS

(51) International classification	:A61P 35/00,A61K 31/44
(31) Priority Document No	:758/KOL/2009
(32) Priority Date	:18/05/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/FI2010/000031
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)ORION CORPORATION**

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(72)Name of Inventor :

**1)GOSWAMI, RAJEEV**

**2)VUPPALA, ANIL, KUMAR**

**3)VELUDANDI, RAMESH**

**4)SISTLA, RAMESH**

**5)GHADIYARAM, CHAKSHUSMATHI**

**6)RAMACHANDRA, MURALIDHARA**

(57) Abstract :

A compound of formula (I) wherein R1 to R15, P1, P2, A, B and Q are as defined in the claims and pharmaceutically acceptable salts and esters thereof, are disclosed. The compounds of formula (I) possess utility as matriptase inhibitors and are useful in the treatment of matriptase dependent conditions, particularly cancer.

No. of Pages : 220 No. of Claims : 16

(54) Title of the invention : A CARTRIDGE FOR COFFEE AND SOLUBLE PRODUCTS FOR PREPARING BEVERAGES

(51) International classification :B65D 85/804  
 (31) Priority Document No :MI2009A000571  
 (32) Priority Date :09/04/2009  
 (33) Name of priority country :Italy  
 (86) International Application No :PCT/EP2010/054674  
     Filing Date :08/04/2010  
 (87) International Publication No :WO 2010/115970  
 (61) Patent of Addition to Application Number :NA  
     Filing Date :NA  
 (62) Divisional to Application Number :NA  
     Filing Date :NA

(71)Name of Applicant :

**1)MITACA S.R.L.**

Address of Applicant :VIA MONTI 30 I-20020

ROBECCHETTO CON INDUNO-FRAZIONE MALVAGLIO  
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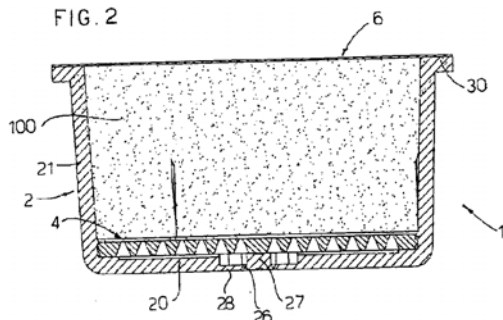
(72)Name of Inventor :

**1)MACCHI EDOARDO**

(57) Abstract :

A cartridge (1) for coffee or soluble products for producing a beverage, comprising a container (2) able to contain the coffee or soluble product, a lid (6) disposed over the container so as to define a top wall for entry into the container (2) of the hot water under pressure for formation of the beverage, a filter (4) suitable for being positioned inside said container (2) above a bottom wall (20) of the container through which the beverage exits, wherein the bottom wall (20) of the container has a less thick central area (22), at the centre of which are disposed thickening ribs (27) along the edge of which there are etchings (26) able to break when the liquid inside the cartridge reaches a pre-set pressure value, so as to form flexible tongues (28) which give rise to apertures (50) through which the beverage is delivered.

FIG. 2



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : GAMMA RESISTANT NONWOVEN WEB LAMINATE

(51) International classification :D04H 13/00

(31) Priority Document No :61/158,146

(32) Priority Date :06/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/026554

Filing Date :08/03/2010

(87) International Publication No :WO 2010/102298

(61) Patent of Addition 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 :2400 SKYLINE DRIVE, SUITE 400,  
MESQUITE, TX 75149 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)LYONS, BRIAN, W.**

(57) Abstract :

A gamma and E-Beam resistant nonwoven web laminate material is provided for use in the industry. The nonwoven web laminate may include at least one layer of a nonwoven material and a second layer of a coating material. The coating material of the nonwoven web laminate material may include a microporous film with water vapor transmission rate of 7500G/24 hours period.

No. of Pages : 25 No. of Claims : 37



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4129/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : COMPOSITIONS FOR IMMUNISING AGAINST STAPHYLOCOCCUS AERUS

(51) International classification :A61K 39/085

(31) Priority Document No :61/212,705

(32) Priority Date :14/04/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/000998

Filing Date :14/04/2010

(87) International Publication No :WO 2010/119343

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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**2)BIAGINI, MASSIMILIANO**

**3)FIASCHI, LUIGI**

**4)GRANDI, GUIDO**

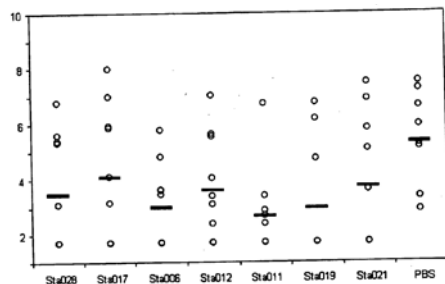
**5)MISHRA, RAVI**

**6)NORAIS, NATHALIE**

**7)SCARSELLI, MARIA**

(57) Abstract :

An effective Staphylococcus aureus vaccine may require several antigenic components, and so various combinations of S. aureus antigens are identified for use in immunisation. These polypeptides may optionally be used in combination with S.aureus saccharides.



No. of Pages : 159 No. of Claims : 22

(54) Title of the invention : APPARATUS AND METHOD FOR THE BAKING AND THE ELECTRICAL CONNECTION OF A VERTICAL ELECTRODE IN AN ELECTROMETALLURGY FURNACE

(51) International classification :H05B 7/09, H05B 7/11  
 (31) Priority Document No :0951476  
 (32) Priority Date :10/03/2009  
 (33) Name of priority country :France  
 (86) International Application No :PCT/FR2010/050396  
 Filing Date :09/03/2010  
 (87) International Publication No :WO 2010/103225  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

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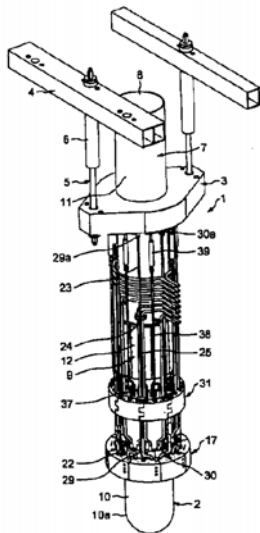
DOMENE FRANCE

(72)Name of Inventor :

**1)ROCHE, CHRISTIAN**

(57) Abstract :

The invention relates to an apparatus for the baking and the electrical connection of a vertical electrode in an electrometallurgy furnace including a bearing (3) connected to a carrier structure (4), a vertical extrusion tube (7) attached to the carrier and defining a vertical channel (8), and heating means (9) thermally associated with a lower portion of said vertical extrusion tube (7), and further including electrical connection means (17) in direct contact with the wall (10a) of the electrode block on at least one area located downwards beyond the lower end of said extrusion tube as well as displacement means (31) capable of moving said electrode block relative to said extrusion tube.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4117/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : SEMI-WORKED PIECE FOR PRODUCTION OF DENTAL/ODONTOIATRIC DEVICES, NAMELY FOR POSTS, STUMPS AND DENTAL CROWNS

(51) International classification	:A61C 5/00, A61K 6/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000108
Filing Date	:23/03/2009
(87) International Publication No	:WO 2010/109496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)BIOLOREN S.R.L.**  
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(72)**Name of Inventor :**  
**1)RATTI, UMBERTO**

(57) Abstract :

A semi -worked piece of composite material for producing artefacts/devices for dental and/or odontoiatra use such as posts and/or stamps and/or dental crowns for example, comprises a polymeric matrix and a multiplicity of mechanically resistant fibres nested in the polymeric matrix; in this semi-worked piece the resistant fibres are arranged in a predetermined number of reinforcing layers that are substantially planar and are disposed in mutually overlapped relationship.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4118/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : HYDROPEROXIDE LYASE GENES AND TOLERANCE TO ABIOTIC STRESS IN PLANTS

(51) International classification :A01H 5/00  
(31) Priority Document No :61/209,064  
(32) Priority Date :02/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/025875  
Filing Date :02/03/2010  
(87) International Publication No :WO 2010/101885  
(61) Patent of Addition 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)DEHESH, KATAYOON**

**2)SAVCHENKO, TATYANA**

(57) Abstract :

This invention provides for novel methods for preparing a plant tolerant to abiotic stress, such as drought or salt. This invention also provides for transgenic plants and transgenic seeds that are tolerant to abiotic stress. The methods of the present invention comprises introducing a recombinant expression cassette comprising a hydroperoxide lyase polynucleotide encoding a hydroperoxide lyase enzyme into the plants, and selecting a plant that is tolerant to abiotic stress. The transgenic plants and seeds generated by the methods of the invention accordingly comprise a recombinant expression cassette comprising a HPL polynucleotide encoding HPL enzyme.

No. of Pages : 39 No. of Claims : 20

## (54) Title of the invention : VAPOR POWER CYCLE APPARATUS

(51) International classification :F01K 7/38  
 (31) Priority Document No :2009-125358  
 (32) Priority Date :25/05/2009  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2010/051979  
 Filing Date :10/02/2010  
 (87) International Publication No :WO 2010/137360  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

**1)UEHARA HARUO**

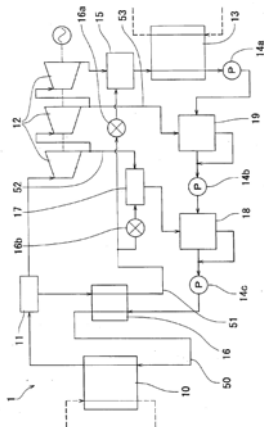
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## (72)Name of Inventor :

**1)UEHARA HARUO**

## (57) Abstract :

A vapor power cycle apparatus that mixes part of high-temperature liquid-phase working fluid separated from a liquid-phase portion in a gas/liquid separator with high-temperature gas-phase working fluid extracted from an expander and allows the fluid to exchange heat with low-temperature liquid-phase working fluid from a condenser so as to efficiently recover the heat of working fluid and improve thermal efficiency of the entire cycle. The part of high-temperature liquid-phase working fluid separated from the liquid-phase portion in the gas/liquid separator (11) is extracted, the resultant fluid is mixed in a second absorber (17) with high-temperature gas-phase working fluid extracted from an interstage point in the expander (12) to allow liquid-phase working fluid to absorb part of gas-phase working fluid, and the high-temperature working fluid is used to heat low-temperature liquid-phase working fluid in a first heater (18) without passing an extracted portion of high-temperature liquid-phase working fluid through a condenser (13). As a result, the amount of heat exchange in the condenser (13), therefore the load on the condenser (13), can be reduced, and the heat of high-temperature liquid-phase working fluid can be recovered appropriately by heat exchange with working fluid directed to the evaporator (10) so as to improve thermal efficiency of the entire cycle.



No. of Pages : 40 No. of Claims : 2

## (54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification :A61M 5/315  
 (31) Priority Document No :61/166,318  
 (32) Priority Date :03/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/EP2010/052930  
     Filing Date :09/03/2010  
 (87) International Publication No :WO 2010/115670  
 (61) Patent of Addition to Application Number :NA  
     Filing Date :NA  
 (62) Divisional to Application Number :NA  
     Filing Date :NA

## (71)Name of Applicant :

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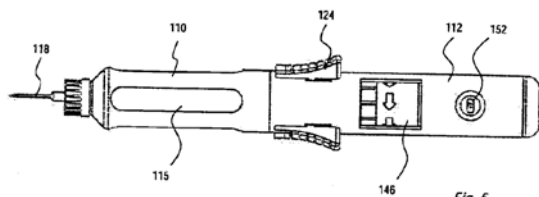
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## (72)Name of Inventor :

**1)HOLMQVIST, ANDERS**

## (57) Abstract :

The present invention relates to a medical delivery device comprising a tubular distal housing; a tubular proximal housing; a medicament container arranged inside said tubular proximal housing; a threaded hollow plunger rod; a spring force means pre-tensioned arranged within said plunger rod; activation means arranged to be movable between a non-medicament delivery state and a medicament delivery state; dose setting means being threadedly arranged to said threaded hollow plunger rod and arranged to be rotationally moved between a stop position and a set dose position, whereby upon activation of said activation means from the non-medicament delivery state to the medicament delivery state, said threaded hollow plunger rod is linearly displaced due to the force of the pre-tensioned spring means such that the dose setting means is also linearly displaced from the set dose position to the stop position.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4131/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : MICROFLUIDIC CLINICAL ANALYZER

(51) International classification :B01L 3/00  
(31) Priority Document No :61/168,840  
(32) Priority Date :13/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/030901  
Filing Date :13/04/2010  
(87) International Publication No :WO 2010/120786  
(61) Patent of Addition 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)EMSWILER, JOHN, E.**

**3)BATIRELL, C., FREDERICK**

**4)HAAB, JOAN**

**5)PENNELL, SEAN, M.**

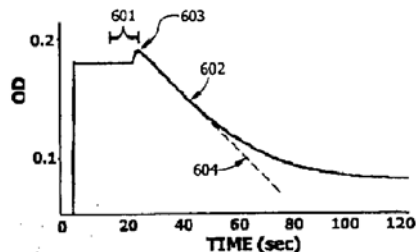
**6)KAY, JUSTIN, L.**

**7)MILLER, ZANE, B.**

**8)DAIBER, TROY, D.**

(57) Abstract :

A microfluidic cartridge including on-board dry reagents and microfluidic circuitry for determining a clinical analyte or analytes from a few microliters of liquid sample; with docking interface for use in a host workstation, the workstation including a pneumatic fluid controller and spectrophotometer for monitoring analytical reactions in the cartridge.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4133/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD FOR PRODUCING FURNISH, FURNISH AND PAPER

(51) International classification :D21H 17/00

(31) Priority Document No :20095480

(32) Priority Date :29/04/2009

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2010/050350

Filing Date :29/04/2010

(87) International Publication No :WO 2010/125247

(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)ÖSTERBERG, MONIKA**

**3)DELPINE, MIQUEL**

**4)POHJOLA, LEILA**

**5)SINISALO, IRMELI**

**6)KOSONEN, HARRI**

(57) Abstract :

The invention relates to a method for preparing aqueous furnish to be used in paper or paper board manufacturing. In the method, filler and/or fibres are treated with cationic polyelectrolyte and nanofibrillated cellulose. By means of the invention, the strength of the paper and the retention of the fillers in paper can be improved. The invention also relates to a furnish prepared by the method according to the invention, and a paper or a paper board manufactured from the furnish.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4134/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : ENGINEERED CROSSLINKED THERMOPLASTIC PARTICLES FOR INTERLAMINAR TOUGHENING

(51) International classification :C08G 59/32

(31) Priority Document No :61/182,302

(32) Priority Date :29/05/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/GB2010/001062

Filing Date :28/05/2010

(87) International Publication No :WO 2010/136772

(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)BAIDAK, ALEXANDRE A.**

**2)MCGRAIL, PATRICK, TERENCE**

(57) Abstract :

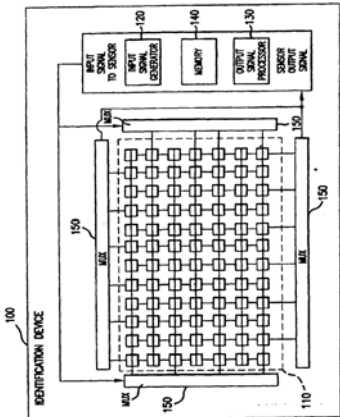
Engineered crosslinked thermoplastic particles are useful for interlaminar toughening of pre-pregs and composite materials.

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

(54) Title of the invention : IMPROVED PIEZOELECTRIC IDENTIFICATION DEVICE AND APPLICATIONS THEREOF

<div><div>(51) International classification</div><div>(31) Priority Document No</div><div>(32) Priority Date</div><div>(33) Name of priority country</div><div>(86) International Application No</div><div>    Filing Date</div><div>(87) International Publication No</div><div>(61) Patent of Addition to Application Number</div><div>    Filing Date</div><div>(62) Divisional to Application Number</div><div>    Filing Date</div></div> <div><div>:G06K 9/00</div><div>:12/409,343</div><div>:23/03/2009</div><div>:U.S.A.</div><div>:PCT/US2010/000847</div><div>:23/03/2010</div><div>:WO 2010/110867</div><div>:NA</div><div>:NA</div><div>:NA</div><div>:NA</div></div>	<div><div>(71)Name of Applicant :</div><div>    <b>1)SONAVATION, INC.</b></div><div>        Address of Applicant :357 HIATT DRIVE, PALM BEACH GARDENS, FL 33418 UNITED STATES OF AMERICA</div><div>(72)Name of Inventor :</div><div>    <b>1)SCHMITT, RAINER, M.</b></div><div>    <b>2)LIAUTAUD, CHRISTIAN</b></div></div>
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(57) Abstract :  
Provided is a transducer having first and second surfaces including first electrode lines positioned along the first surface in a first direction and configured for grounding and second electrode lines positioned along the second surface in a direction orthogonal to the first direction. The second electrode lines are configured switching between receiving and transmitting in an interlaced manner.



No. of Pages : 82 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : METHOD FOR PERFORMING UNCONTROLLED HANDOVER

(51) International classification	:H04W 36/08
(31) Priority Document No	:61/169,287
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2009/006969
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/120026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

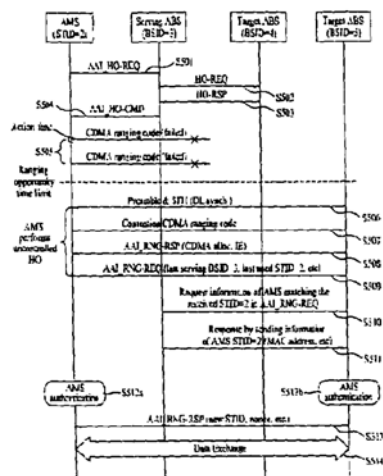
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**1)LG ELECTRONICS INC.**  
 Address of Applicant :20 YEOUIDO-DONG  
 YEONGDEUNGPO-GU SEOUL 150-721 REPUBLIC OF  
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(72)Name of Inventor :  
**1)JUNG, IN UK**  
**2)HAHN, GENE BECK**  
**3)KIM, YONG HO**  
**4)RYU, KI SEON**

---

(57) Abstract :

A device, system and method for performing an uncontrolled handover in a mobile station, a ranging request message including an identifier of a serving base station and a first identifier used in the serving base station is transmitted to a first target base station to perform network (re)entry to the first target base station, and a ranging response message including security information and a second identifier for identifying the mobile station is received from the first target base station.



No. of Pages : 43 No. of Claims : 23

(54) Title of the invention : IMPROVED FOAM SPRING FOR PILLOWS, CUSHIONS, MATTRESSES OR THE LIKE AND A METHOD FOR MANUFACTURING SUCH A FOAM SPRING

(51) International classification :A47C 27/14  
 (31) Priority Document No :12/386931  
 (32) Priority Date :24/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/BE2009/000050  
 Filing Date :15/09/2009  
 (87) International Publication No :WO 2010/121333  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)IMHOLD, NAAMLOZE VENNOOTSCHAP**

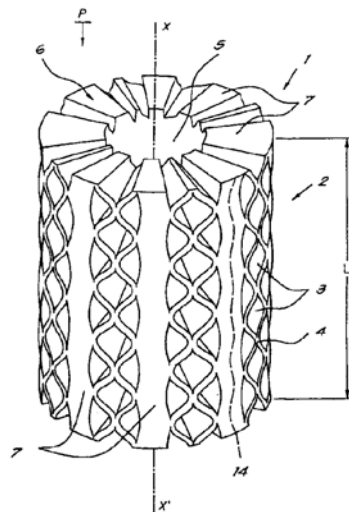
Address of Applicant :HEIMOLENSTRAAT 101, 9100 SINT-NIKLAAS BELGIUM

(72)Name of Inventor :

**1)POPPE WILLY**

(57) Abstract :

A foam spring for use in pillows, cushions, mattresses or the like, the foam spring having a tubular resilient body (2) made of foam and forming an outer wall, with holes (3) extending inwardly from an outside surface (4) to an inside surface (5), those holes (3) being arranged in a staggered symmetry and mainly being diamond shaped, characterised in that the tubular body (2) displays said holes (3) only over a limited part (16) of its surface (4), and that this limited part (16) is regularly alternating with a limited part (18) of the surface (4) that is not provided with said holes (3) and which forms longitudinal reinforcement ribs (7) in the wall of the tubular body (2) of the spring (1).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4139/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : IMPROVED MULTIPLEXER FOR A PIEZO CERAMIC IDENTIFICATION DEVICE

(51) International classification :G06F 7/04  
(31) Priority Document No :61/162,599  
(32) Priority Date :23/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/000845  
Filing Date :23/03/2010  
(87) International Publication No :WO 2010/110865  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71) **Name of Applicant :**  
**1)SONAVATION, INC.**  
Address of Applicant :357 HIATT DRIVE, PALM BEACH  
GARDENS, FL 33418 UNITED STATES OF AMERICA  
(72) **Name of Inventor :**  
**1)LIAUTAUD, CHRISTIAN**  
**2)SCHMITT, RAINER M.**

(57) Abstract :

Provided is a Fingerprint sensor using Acoustic Impediography. The sensor includes an Application Specific Integrated Circuit (ASIC or IC) and an array of mechanical resonator used as sensing elements. The array of sensing elements contains multiple sensing elements arranged in rows and columns.

No. of Pages : 87 No. of Claims : 2

(54) Title of the invention : METHOD FOR PRODUCING ROLLING STOCK ROLLED IN A ROLLING TRAIN OF A ROLLING MILL, CONTROL AND/OR REGULATION DEVICE FOR A ROLLING MILL FOR PRODUCING ROLLED ROLLING STOCK, ROLLING MILL FOR PRODUCING ROLLED ROLLING STOCK, MACHINE-READABLE PROGRAM CODE AND STORAGE MEDIUM

(51) International classification	:B21B 37/00	(71)Name of Applicant :
(31) Priority Document No	:09159518.1	<b>1)SIEMENS AKTIENGESELLSCHAFT</b>
(32) Priority Date	:06/05/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MÜNCHEN, GERMANY
(86) International Application No	:PCT/EP2010/054884	(72)Name of Inventor :
Filing Date	:14/04/2010	<b>1)MATTHIAS KURZ</b>
(87) International Publication No	:WO 2010/127929	<b>2)HANS-ULRICH LÖFFLER</b>
(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 rolling mill (1) for producing rolled rolling stock (G) , a machine-readable program code (9), a storage medium (10), a control and/or regulation device (8) for a rolling mill (1) for producing rolled rolling stock (G), and a method for producing rolling stock (G) which was rolled in a rolling train (2) of a rolling mill (1), in particular a continuous casting and rolling mill, wherein the rolling mill (1) is operated in a continuous manner by means of integrally forming the rolling stock during scheduled operation from a supply device (6, 6) which supplies the rolling stock to the rolling mill (1), in particular a casting device (6) and/or a winding device (6) for rolling stock, to at least one finishing rolling train (2) that is arranged downstream of the rolling stock supply device (6, 6), as viewed in a mass flow direction, by means of guiding the rolling stock (G) into the finishing rolling train (2) in a continuous manner and rolling it to form a first outflow product (A) in the finishing rolling train (2) in a continuous manner. The operation of the rolling mill (1) is monitored for the occurrence of a deviation from the scheduled operation of the rolling mill (2) that influences the rolling process, wherein in case of a deviation measures are taken to examine (100, 101) whether a second outflow product (A), which is different from the first outflow product, can still be produced (102) considering the deviation. If the second outflow product cannot be produced, the operation of the rolling mill (1) is altered from a continuous operation to a discontinuous operation (106), whereby means can be provided for reducing production failures caused by undesired process deviations in a rolling mill.

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

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

(51) International classification :B31B 43/00  
 (31) Priority Document No :MI2009A000596  
 (32) Priority Date :10/04/2009  
 (33) Name of priority country :Italy  
 (86) International Application No :PCT/IB2010/000634  
 Filing Date :22/03/2010  
 (87) International Publication No :WO 2010/116223  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

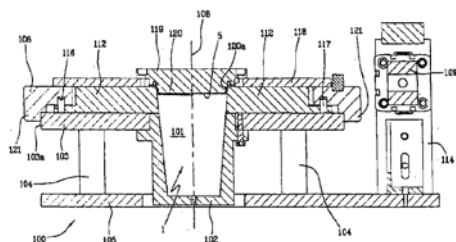
**1)NOVACART S.P.A.**Address of Applicant :VIA EUROPA, 1, I-23846  
GARBAGNATE MONASTERO (LECCO) ITALY**2)TRANI, GIORGIO**

(72)Name of Inventor :

**1)ANGHILERI, GIANMARIO****2)STERNER, MARION****3)TRANI, GIORGIO**

(57) Abstract :

A process for realising a container from a foldable sheet comprises stages of at least partially inserting a closure element (5) made of paper material (extensible paper) provided with a base wall (6) and a lateral wall (7) internally of a housing chamber (4) of the container. The lateral wall (7) of the closure element (5) is inserted and located at a portion (3a) of the wall (3) of the container (1). Also comprised is a stage of contemporary deformation of the lateral wall (7) of the closure element (5) and the portion (3a) of wall of the container (1) in order to realise corresponding grooves (9, 10) on the parts, destined to define coupling and decoupling surfaces by rotation between the closure element (5) and the container (1). The use of extensible paper advantageously enables easy realisation of the coupling grooves by rotation.



No. of Pages : 50 No. of Claims : 20

(54) Title of the invention : METHOD FOR SETTING PRECODER IN OPEN LOOP MIMO SYSTEM

(51) International classification :H04B 7/04  
 (31) Priority Document No :61/173,983  
 (32) Priority Date :30/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/KR2010/002711  
       Filing Date :29/04/2010  
 (87) International Publication No :WO 2010/126317  
 (61) Patent of Addition to Application Number :NA  
       Filing Date :NA  
 (62) Divisional to Application Number :NA  
       Filing Date :NA

(71)Name of Applicant :

**1)LG ELECTRONICS INC.**

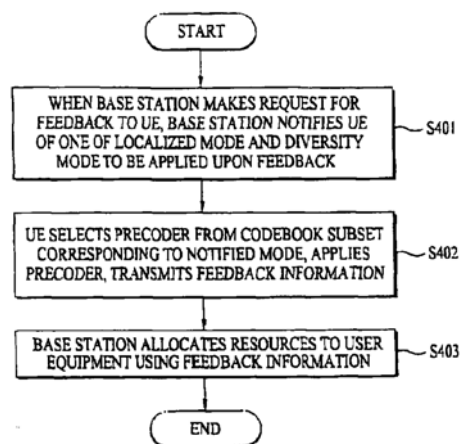
Address of Applicant :20 YEUIDO-DONG,  
 YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF  
 KOREA

(72)Name of Inventor :

**1)LEE, WOOK BONG****2)KO, HYUN SOO****3)LEE, MOON IL****4)IHM, BIN CHUL**

(57) Abstract :

A feedback method of a user equipment in an open loop Multiple-Input Multiple-Output (MIMO) system is disclosed. The method includes, receiving one of a plurality of modes determined according to types of resources to be used for performing feedback from a base station, and selecting a precoding matrix from a codebook subset corresponding to the received mode, applying the selected precoding matrix, and transmitting feedback information. Different code-book subsets are configured with respect to the plurality of modes, and the codebook subset is configured by extracting a predetermined number of elements from a base codebook based on a predetermined criterion considering the characteristics of the modes.



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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4157/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : CONTEXTUAL TARGETING OF CONTENT USING A MONETIZATION PLATFORM

(51) International classification :G06Q 50/00

(31) Priority Document No :12/400,096

(32) Priority Date :09/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/026633

Filing Date :09/03/2010

(87) International Publication No :WO 2010/104834

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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CAMBRIDGE, MASSACHUSETTS 02141 UNITED STATES  
OF AMERICA

**2)SOROCA ADAM**

(72)Name of Inventor :

**1)SOROCA ADAM**

**2)TENGLER MATTHEW**

(57) Abstract :

In embodiments of the present invention improved capabilities are described for using a monetization platform server to associate sponsored content with contextual information relating to mobile content, and storing the sponsored content-contextual information association in a data facility for future use in optimizing the delivery of a sponsored content to a mobile communication facility based at least in part on a display datum associated with the mobile communication facility, wherein the display datum includes a contextual datum.

No. of Pages : 433 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : BOX HAVING FOLDABLE AND DISMANTABLE EXTERIOR WALLS

(51) International classification	:B65D 6/18
(31) Priority Document No	:PCT/EP09/002760
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/054903
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119072
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :  
**1)IFCO SYSTEMS GMBH**  
Address of Applicant :ZUGSPITZSTRASSE 7, 82049  
PULLACH GERMANY  
(72)Name of Inventor :  
**1)WOLFGANG ORGELDINGER**

(57) Abstract :

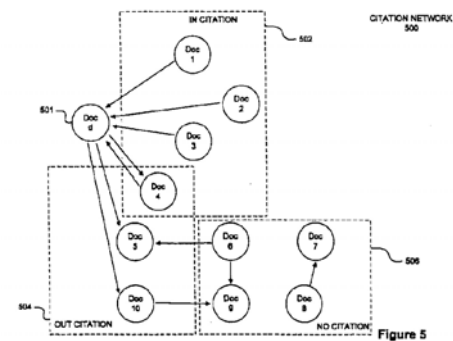
A foldable box includes a floor (2) having a fixed exterior wall (18) extending from the floor (2) in a vertical direction upwards and an exterior wall (6b) having a shaft (50) arranged in the base area of the exterior wall (6b). The foldable box further includes a guide opening (54) in the fixed exterior wall area (18) in which the shaft (50) is arranged, the guide opening (54) comprising an opening section (54a) extending basically in the vertical direction (8) through which the shaft (50) may be guided out from the top, and a lateral opening section (54b) extending in a lateral direction (12) from an outside of the fixed exterior wall area (18) inwards, in which the shaft (50) may be shifted basically in a lateral direction. A cam (52) arranged in the base area of the exterior wall (6b) has a cam contour which is implemented such that the cam contour, when erecting the exterior wall (6b), gets into contact with a contact surface (76) arranged at the fixed exterior wall area (18) such that the shaft (50) is moved inwards in the lateral opening section (54b).

No. of Pages : 42 No. of Claims : 17

(54) Title of the invention : SYSTEM AND METHOD FOR RANKING SEARCH RESULTS WITHIN CITATION INTENSIVE DOCUMENT COLLECTIONS

(51) International classification	:G06F 7/00	(71)Name of Applicant :
(31) Priority Document No	:12/385,668	1)LEXISNEXIS
(32) Priority Date	:15/04/2009	Address of Applicant :9443 SPRINGBORO PIKE,
(33) Name of priority country	:U.S.A.	MIAMISBURG, OH 45342 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/029168	(72)Name of Inventor :
Filing Date	:30/03/2010	1)ZHANG, LING, QIN
(87) International Publication No	:WO 2010/120493	2)SILVER, HARRY, R.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :  
Systems and methods facilitate a search and identify documents and associated metadata reflecting content of the documents. In one implementation, a method receives a query comprising a set of search terms, identifies a stored document in response to the query, and determines a score value for the retrieved document based on a similarity between one or more of the query search terms and metadata associated with the identified document. The method locates the identified document in a citation network of baseline query results, the citation network comprising a first set of documents that cite to the identified document and a second set of documents cited to by the identified document. The method further determines a new score value of the identified document as a function of the score value and a quantity and a quality of documents within the first and second set of documents.



No. of Pages : 50 No. of Claims : 30

(54) Title of the invention : CONTROL OF A FLUID CIRCUIT USING AN ESTIMATED SENSOR VALUE

(51) International classification :F15B 19/00  
 (31) Priority Document No :12/419,663  
 (32) Priority Date :07/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2010/030059  
 Filing Date :06/04/2010  
 (87) International Publication No :WO 2010/117995  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)EATON CORPORATION**Address of Applicant :1111 SUPERIOR AVENUE,  
CLEVELAND, OHIO 44114-2584 U.S.A.

(72)Name of Inventor :

**1)YUAN, QINGHUI**

(57) Abstract :

A fluid circuit (10) includes a tank (14) for holding fluid (15), a hydraulic device (24) having a predetermined load configuration, and a pump (12) for delivering the fluid (15) under pressure to the hydraulic device (24). Sensors (18A-D, 19A-C) measure at least one of a supply pressure ( $P_s$ ), a tank pressure ( $P_t$ ), and a position ( $x_a$ ,  $x_b$ ) of a portion of the hydraulic device (24). A controller (30) estimates or reconstructs an output value of any one sensor using the predetermined load configuration in the event of a predetermined failure of that sensor, ensuring continued operation of the hydraulic device (24). A method (100) for estimating the output value includes sensing output values using the sensors (18A-D, 19A-C), processing the output values using the controller (30) to determine the presence of a failed sensor, and calculating an estimated output value of the failed sensor using the predetermined load configuration. Operation of the hydraulic device (24) is maintained using the estimated output value until the failed sensor can be repaired.

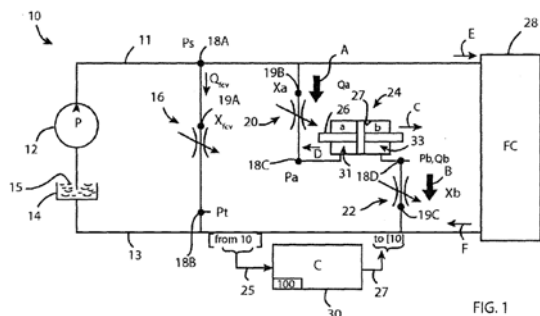


FIG. 1

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

## (54) Title of the invention : DUAL SIDED CONNECTOR BLOCK

(51) International classification :H01F 5/02  
 (31) Priority Document No :12/421,593  
 (32) Priority Date :09/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/IB2010/000773  
     Filing Date :09/04/2010  
 (87) International Publication No :WO 2010/116240  
 (61) Patent of Addition to Application Number :NA  
     Filing Date :NA  
 (62) Divisional to Application Number :NA  
     Filing Date :NA

(71)**Name of Applicant :**  
**1)EATON CORPORATION**  
     Address of Applicant :1111 SUPERIOR AVENUE,  
 CLEVELAND, OHIO 44114-2584 U.S.A.  
 (72)**Name of Inventor :**  
**1)BAMBER, DANIEL**  
**2)MOODY, EUGENE, F.**  
**3)MATTORD, ANTHONY, J.**

## (57) Abstract :

A dual sided connector block (10) for a solenoid (12) is provided which may be used in multiple designs. The dual sided connector block (10) includes a base (26), a first terminal insertion slot (34) on a first side (28) of the base (26), a second terminal insertion slot (36) on the second side (30) of the base (26), a tie-off post (38), and a magnet wire (42). The magnet wire (42) is operatively configured as a solenoid coil (14) and is routed inside of the base (26) and wound around the tie off post (38). The magnet wire (42) is accessible to a connector blade (50) inserted through either the first terminal insertion slot (34) or the second terminal insertion slot (36).

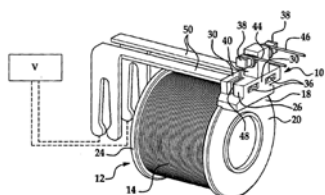


FIG. 2

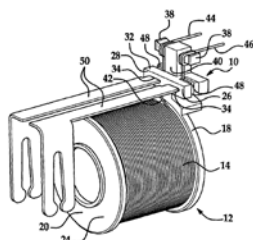


FIG. 3

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4149/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 29/06/2012

(54) Title of the invention : EXTRACTION OF HYDROCARBONS FROM HYDROCARBON-CONTAINING MATERIALS AND/OR PROCESSING OF HYDROCARBON-CONTAINING MATERIALS

(51) International classification :C10G 1/04, C09K 8/60  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :PCT/US2009/037112  
Filing Date :13/03/2009  
(87) International Publication No :WO 2010/104516  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)GREEN SOURCE ENERGY LLC**

Address of Applicant :6 WATERFORD CIRCLE, THE WOODLANDS, TEXAS 77381-6613 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)FAN, LIANG-TSENG**

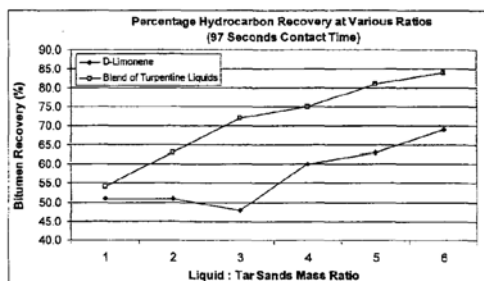
**2)SHAFIE, MOHAMMAD REZA**

**3)TOLLAS, JULIUS MICHAEL**

**4)LEE, WILLIAM ARTHUR FITZHUGH**

(57) Abstract :

A method of extracting hydrocarbon-containing organic matter from a hydrocarbon-containing material includes the steps of providing a first liquid comprising a turpentine liquid; contacting the hydrocarbon containing material with the turpentine liquid to form an extraction mixture; extracting the hydrocarbon material into the turpentine liquid; and separating the extracted hydrocarbon material from a residual material not extracted.



No. of Pages : 106 No. of Claims : 62

## (54) Title of the invention : SURGICAL DEVICE AND METHOD

(51) International classification :A61B 17/94  
 (31) Priority Document No :61/166,654  
 (32) Priority Date :03/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2010/001036  
 Filing Date :05/04/2010  
 (87) International Publication No :WO 2010/114634  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

## (71)Name of Applicant :

**1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY**

Address of Applicant :BUILDING 170, THIRD FLOOR,  
 MAIN QUADSTANFORD, CA 94305-2038 UNITED STATES  
 OF AMERICA

## (72)Name of Inventor :

**1)CHAO, KEVIN, ZIJUN**

**2)ROOP, JOHN, AVI**

**3)MAGEE, GREG**

**4)JOU, RONALD**

**5)BREWER, REUBEN**

**6)PELL, CHRISTOPHER, STEVEN**

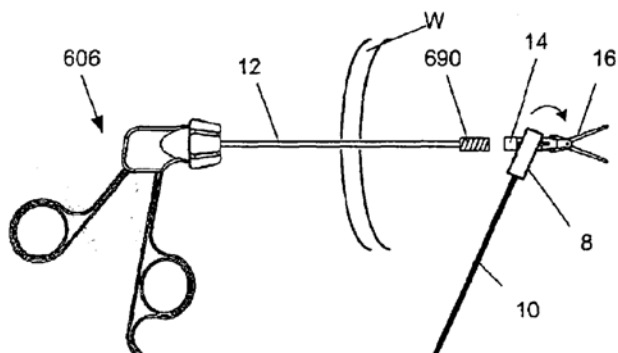
**7)DUGGAN, BRYAN, J.**

**8)DONG, ZHI, CHEN**

**9)RUBY, THOMAS**

## (57) Abstract :

A system and method for abdominal surgery is disclosed. The system can have one or more end effectors that can be attached to an introducer and/or tray and inserted into the abdomen through a large puncture through the patient's umbilicus. The end effector can have a surgical tool, such as a grasper. The system can have a manipulatable control arm that can be inserted into the abdomen through a small puncture through the patient's body wall. The end effector can be attached to the control arm and simultaneously or concurrently detached from the introducer or tray. The control arm can then manipulate the end effector to perform the surgery.



No. of Pages : 76 No. of Claims : 53

(54) Title of the invention : OPTICAL SPECTROSCOPY DEVICE FOR NON-INVASIVE BLOOD GLUCOSE DETECTION AND ASSOCIATED METHOD OF USE

(51) International classification :A61B 5/00  
 (31) Priority Document No :61/165,547  
 (32) Priority Date :01/04/2009  
 (33) Name of priority country :U.S.A.  
 (86) International Application No :PCT/US2010/028255  
 Filing Date :23/03/2010  
 (87) International Publication No :WO 2010/114736  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

**1)THE CURATORS OF THE UNIVERSITY OF MISSOURI**

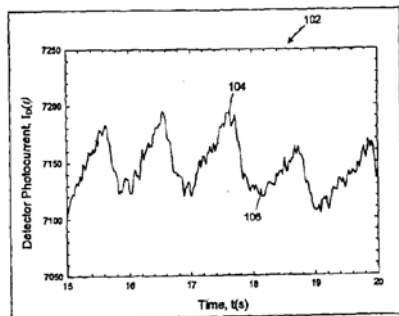
Address of Applicant :341 WOODS HALL, 1 UNIVERSITY BOULEVARD, ST. LOUIS, MO 63121 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)XU, ZHI**

(57) Abstract :

An apparatus for concentrating light and associated method of use is disclosed. This apparatus includes a first outer wall having an anterior end, a posterior end, an inner surface and an outer surface, the inner surface defining an interior portion, the interior portion having an anterior end and a posterior end, and a light source disposed within the interior portion. The first outer wall has an opening in the posterior end, the opening having an opening diameter. The interior portion has a substantially frusto- conical shape and has a cross-sectional diameter at the opening equal to the opening diameter and a second cross-sectional diameter near the anterior end that is less than the opening diameter and the inner surface is photo- reflective. The light passes through a sample through an aperture and a collector lens or a second outer wall. A transmission diffraction grating may be utilized.



No. of Pages : 29 No. of Claims : 22



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4207/KOLNP/2011 A

(43) Publication Date : 29/06/2012

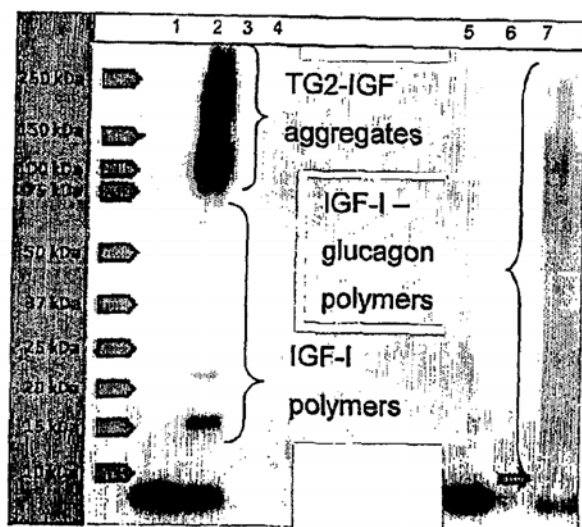
(54) Title of the invention : TARGETS FOR GROWTH FACTOR SIGNALLING AND METHODS OF THERAPY

(51) International classification :A61K 38/30  
(31) Priority Document No :2009901181  
(32) Priority Date :19/03/2009  
(33) Name of priority country :Australia  
(86) International Application No :PCT/AU2010/000316  
Filing Date :19/03/2010  
(87) International Publication No :WO 2010/105302  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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AUSTRALIA  
(72)Name of Inventor :  
**1)CROLL, TRISTAN**  
**2)PEET, JESSE**  
**3)RIZZI, SIMONE**  
**4)SHOOTER, GARY, KEITH**  
**5)UPTON, ZEE**  
**6)VAN LONKHUYZEN, DEREK**

(57) Abstract :

Methods of screening or designing therapeutic agents effective for the treatment of a transglutaminase-associated disease, disorder and/or condition are provided which include determining whether a candidate agent can modulate an interaction between a transglutaminase and an insulin-like growth factor and/or a member of the IGF family of receptors. Also provided are pharmaceutical compositions and methods of treatment using said pharmaceutical compositions.



No. of Pages : 55 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4208/KOLNP/2011 A

(43) Publication Date : 29/06/2012

(54) Title of the invention : ORGANIC LIGHT-EMITTING MATERIALS AND DEVICES

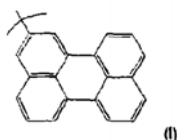
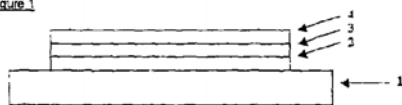
(51) International classification :C09K 11/06  
(31) Priority Document No :0906588.9  
(32) Priority Date :16/04/2009  
(33) Name of priority country :U.K.  
(86) International Application No :PCT/GB2010/000802  
Filing Date :15/04/2010  
(87) International Publication No :WO 2010/119276  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**1)CAMBRIDGE DISPLAY TECHNOLOGY LIMITED**  
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BUSINESS PARK, CAMBRIDGESHIRE, CB23 6DW, GREAT  
BRITAIN  
**2)SUMITOMO CHEMICAL COMPANY LIMITED**  
(72)Name of Inventor :  
**1)PILLOW, JONATHAN**  
**2)GRIZZI, ILARIA**  
**3)HUMPHRIES, MARTIN**  
**4)WARBURTON, IAN**

(57) Abstract :

An electroluminescent polymer comprising light-emissive repeat units and a non- emissive polycyclic aromatic hydrocarbon unit with greater than 12 aromatic sp<sup>2</sup> hybridized carbon atoms, wherein the non-emissive polycyclic aromatic hydrocarbon unit comprises a structural unit having formula (I).

Figure 1



No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4209/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : APPARATUS FOR THE CONSTRUCTION OF FAN WHEELS OF THE DOUBLE SUCTION TYPE

(51) International classification	:F04D 29/28
(31) Priority Document No	:MI 2009 A 000666
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2010/000195
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122594
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)NICOTRA GEBHARDT S.P.A.**  
Address of Applicant :VIA MONTENAPOLEONE 9, I-20121  
MILAN ITALY  
(72)**Name of Inventor :**  
**1)COLLU, FRANCO**

(57) Abstract :

The apparatus comprises an assembly mandrel formed (15) of two cylindrical components (16, 17) displaceable one relative to the other and operable to rotate about a common axis, and a pair of circular Plates(18, 19) slidably mounted on the ends of the assembly mandrel. The assembly mandrel carries seats adapted for supporting and holding in position the end rings and the central disk. The cylindrical components of the assembly mandrel are provided with retaining means (20), arranged on the lateral surface thereof, for temporary holding in position the blades of the fan wheel. Rolling (25) and flanging (26) devices are mounted near the seats of the end rings and of the central disk on the assembly mandrel. The cylindrical components of the assembly mandrel are axially displaceable one relative to the other between a spaced apart position for mounting the end rings and the central disk and an approached position for carrying out the rolling and flanging operations of the end rings and the central disk onto the blade ends.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4210/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : A WRISTWATCH

(51) International classification :G04C 3/00  
(31) Priority Document No :FI2009A000054  
(32) Priority Date :20/03/2009  
(33) Name of priority country :Italy  
(86) International Application No :PCT/IB2010/051171  
Filing Date :18/03/2010  
(87) International Publication No :WO 2010/106514  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)BARDELLI, ROBERTO**  
Address of Applicant :VIA DEI BARONTI, 15, I-51010  
UZZANO (PISTOIA) ITALY  
(72)Name of Inventor :  
**1)FOSCHI, LEONARDO**

(57) Abstract :

A wristwatch comprising a case (2) housing a display dial (4a) protected by a transparent screen (3), a timing unit adapted to emit a digital time signal, and electrical feeding means (10) for the tuning unit. The watch further comprises: magnetic attraction means (5), fed by the electric feeding means (10); time display means (6) freely arranged on the dial (4a) and movable thereon under the action and as a function of the magnetic attraction means (5); and control means adapted to convert at least the time signal retrieved from the timing unit in a control signal of the magnetic attraction means (5).

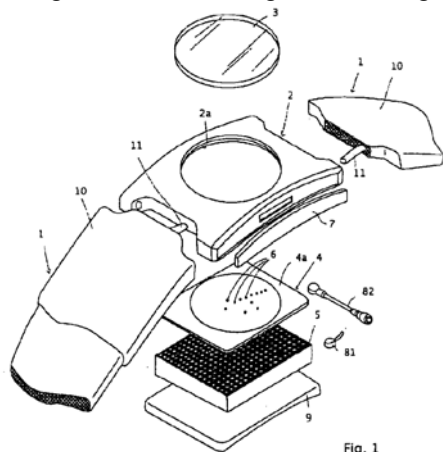


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4211/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : FLAME RETARDANT COMPOSITION FOR FLAMMABLE PLASTIC MATERIALS COMPRISING 2,4,6-TRIS(2,4,6-TRIBROMOPHENOXY)-1,3,5-TRIAZINE AND PROCESS FOR PRODUCING THE SAME

(51) International classification :C07D 251/34  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :PCT/JP2009/001982  
Filing Date :01/05/2009  
(87) International Publication No :WO 2010/125611  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)DAI-ICHI KOGYO SEIYAKU CO., LTD.**  
Address of Applicant :55, NISHISHICHIJO HIGASHIKUBO-CHO, SHIMOGYO-KU, KYOTO-SHI, KYOTO, 6008873  
JAPAN  
**2)BROMINE COMPOUNDS LTD**  
(72)Name of Inventor :  
**1)PELED, MICHAEL**  
**2)ONISHI, HIDEAKI**

(57) Abstract :

The flame retardant composition comprises 2,4,6-tris(2,4,6-tribromophenoxy)-1,3,5- triazine that contains 1 to 1000ppm of a metal species of a water-insoluble polyvalent metal compound selected from the group consisting of oxide, hydroxide, carbonate, phosphate, sulfate and silicate present in the particles of 2,4,6-tris(2,4,6-tribromophenoxy)- 1,3,5-triazine. The flame retardant composition is produced by reacting an alkali metal salt of 2,4,6- tribromophenol and cyanuric chloride in the presence of said water-insoluble polyvalent metal compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4212/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : BIOBASED POLYMER COMPOSITIONS

(51) International classification	:C08L 101/16
(31) Priority Document No	:61/161,546
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027934
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/108076
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)INTERFACIAL SOLUTIONS IP, LLC**

Address of Applicant :949 ANTLER COURTRIVER FALLS,  
WISCONSIN 54022 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)CERNOHOUS, JEFFREY JACOB**

**2)VAN GORDEN, GARRETT SCOTT**

(57) Abstract :

Hyper-branched biodegradable polymers are produced by melt processing biodegradable polymers with a branching agent at temperatures that promote free radical reactions between the biodegradable polymer and the branching agent. The biodegradable compositions have an excellent balance of mechanical properties and are suitable for flame retardant applications.

No. of Pages : 15 No. of Claims : 17

(54) Title of the invention : A NOVEL FUNGAL PROTEASE AND USE THEREOF

(51) International classification	:C12N 15/80	(71)Name of Applicant :	
(31) Priority Document No	:20095497	1)AB ENZYMES OY	
(32) Priority Date	:30/04/2009	Address of Applicant :TYKKIMÄENTIE 15, FIN-05200	
(33) Name of priority country	:Finland	RAJAMÄKI FINLAND	
(86) International Application No	:PCT/EP2010/055893	(72)Name of Inventor :	
Filing Date	:30/04/2010	1)JUNTUNEN, KARI	
(87) International Publication No	:WO 2010/125174	2)MÄKINEN, SUSANNA	
(61) Patent of Addition to Application	:NA	3)KALLIO, JARNO	
Number	:NA	4)VEHMAANPERÄ, JARI	
Filing Date		5)OJAPALO, PENTTI	
(62) Divisional to Application Number	:NA	6)PALOHEIMO, MARJA	
Filing Date	:NA	7)VALTAKARI, LEENA	

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(57) Abstract :

The present invention is related to a fungal serine protease enzyme, which comprises an amino acid sequence of the mature Fe\_RF6318 enzyme having an amino acid sequence of SEQ ID NO: 15. The serine protease is obtainable from *Fusarium equiseti*, more preferably from the deposited strain CBS 119568. Also disclosed are nucleic acid sequences encoding said protease, such as plasmid pALK2521 comprising the nucleotide sequence SEQ ID NO: 9 deposited in *E. coli* RF7664 under accession number DSM 22171 and plasmid pALK2529 comprising the full-length gene SEQ ID NO: 10 deposited in *E. coli* RF7800 under accession number DSM 22172. Said protease is useful as an enzyme preparation applicable in detergent compositions and for treating fibers, for treating wool, for treating hair, for treating leather, for treating food or feed, or for any applications involving modification, degradation or removal of proteinaceous material.

[illegible]

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILE STATION, AND SWITCHING STATION

(51) International classification :H04W 8/02  
 (31) Priority Document No :2009-096507  
 (32) Priority Date :10/04/2009  
 (33) Name of priority country :Japan  
 (86) International Application No :PCT/JP2010/056351  
 Filing Date :08/04/2010  
 (87) International Publication No :WO 2010/117030  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

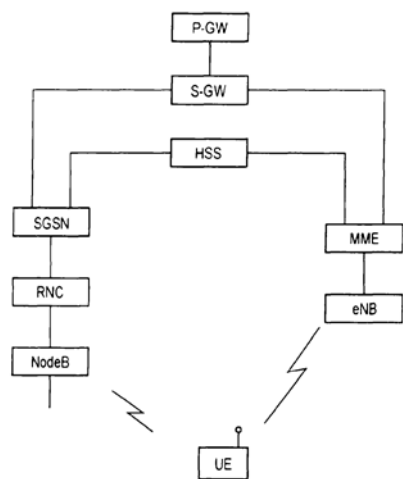
**1)NTT DOCOMO, INC.**Address of Applicant :11-1, NAGATACHO 2-CHOME,  
CHIYODA-KU, TOKYO, 100-6150 JAPAN

(72)Name of Inventor :

**1)NISHIDA, KATSUTOSHI****2)KANAUCHI, MASASHI****3)SUZUKI, KEISUKE**

(57) Abstract :

A mobile communication method according to the present invention comprising, a step in which a mobile station transmits a first location registration request signal including capability information indicating that it is compatible with a second radio access network, to a mobile switching center housing a first radio access network, a step in which the mobile switching center transmits a location registration rejection signal, which includes information indicating that communication using a second radio access network is not allowed, to the mobile station, a step in which the mobile station transmits a second location registration request signal, which includes capability information indicating that it is not compatible with the second radio access network, to the mobile switching center in response to the location registration rejection signal and a step in which the mobile switching center performs a location registration process with respect to the first radio access network of the mobile station in response to the second location registration request signal.



No. of Pages : 64 No. of Claims : 22



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4215/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : SYNTHETIC OPLOPHORUS LUCIFERASES WITH ENHANCED LIGHT OUTPUT

(51) International classification :C12N 9/02  
(31) Priority Document No :61/174,838  
(32) Priority Date :01/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/033449  
Filing Date :03/05/2010  
(87) International Publication No :WO 2010/127368  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)PROMEGA CORPORATION**  
Address of Applicant :2800 WOODS HOLLOW ROAD,  
MADISON, WI 53711 UNITED STATES OF AMERICA  
(72)**Name of Inventor :**  
**1)ENCELL, LANCE, P.**  
**2)WOOD, KEITH, V.**  
**3)WOOD, MONIKA, G.**  
**4)HALL, MARY**  
**5)OTTO, PAUL**  
**6)VIDUGIRIS, GEDIMINAS**  
**7)ZIMMERMAN, KRISTOPHER**

(57) Abstract :

A polynucleotide encoding a modified luciferase polypeptide. The modified luciferase polypeptide has at least 60% amino acid sequence identity to a wild-type Oplophorus Luciferase and includes at least one amino acid substitution at a position corresponding to an amino acid in a wild-type Oplophorus luciferase of SEQ ID NO: 1. The modified luciferase polypeptide has at least one of enhanced luminescence, enhanced signal stability, and enhanced protein stability relative to the wild-type Oplophorus luciferase.

No. of Pages : 116 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4216/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

(54) Title of the invention : ANTI-HUMAN CD52 IMMUNOGLOBULINS

(51) International classification	:C12P 21/08
(31) Priority Document No	:61/177,837
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034704
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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OF AMERICA

(72)Name of Inventor :

**1)ROBERTS, BRUCE L.**

**2)SHANKARA, SRINIVAS**

**3)BRONDYK, WILLIAM HAROLD**

**4)SIDERS, WILLIAM M.**

(57) Abstract :

The present invention relates to humanized immunoglobulins, mouse monoclonal antibodies and chimeric antibodies that have binding specificity for human CD52. The present invention further relates to a humanized immunoglobulin light chain and a humanized immunoglobulin heavy chain. The invention also relates to isolated nucleic acids, recombinant vectors and host cells that comprise a sequence which encodes a humanized immunoglobulin or immunoglobulin light chain or heavy chain, and to a method of preparing a humanized immunoglobulin. The humanized immunoglobulins can be used in therapeutic applications to treat, for example, autoimmune disease, cancer, non-Hodgkins lymphoma, multiple sclerosis and chronic lymphocytic leukemia.

No. of Pages : 380 No. of Claims : 54

(54) Title of the invention : METHOD FOR MANUFACTURING A LAMINATED GLAZING UNIT AND LAMINATED GLAZING UNIT

(51) International classification :B32B 17/10,C03C 27/12  
 (31) Priority Document No :0952567  
 (32) Priority Date :20/04/2009  
 (33) Name of priority country :France  
 (86) International Application No :PCT/FR2010/050749  
 Filing Date :19/04/2010  
 (87) International Publication No :WO 2010/122260  
 (61) Patent of Addition 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 :

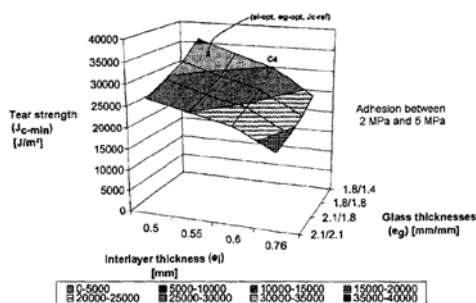
**1)MILAMON, CHRISTOPHE**

**2)LEVASSEUR, FABIEN**

**3)NUGUE, JEAN-CL%MENT**

(57) Abstract :

According to this process for manufacturing a laminated glazing unit so that it withstands predetermined stresses, a reference laminated glazing unit is identified that withstands the predetermined stresses and that comprises at least one substrate and one interlayer having the same chemical compositions as those of the laminated glazing unit to be manufactured; the tear strength ( $J_c$ -ref) of the interlayer of the reference laminated glazing unit, and also the interlayer thickness ( $e_i$ -ref) and the substrate thickness ( $e_g$ -ref) of the reference laminated glazing unit are then determined; then, using a graph (C4) representative of the minimum interlayer tear strength ( $J_c$ -min) required so that any laminated glazing unit, comprising at least one substrate and one interlayer having the same chemical compositions as those of the laminated glazing unit to be manufactured, withstands the predetermined stresses, as a function of the interlayer thickness ( $e_i$ ) and/or of the substrate thickness ( $e_g$ ), a combination of optimum values ( $e_i$ -opt,  $e_g$ -opt) of the interlayer thickness and of the substrate thickness is deduced; the laminated glazing unit is then sized with an interlayer thickness ( $e_i$ -dim) and a substrate thickness ( $e_g$ -dim) that are greater than or equal to the optimum values ( $e_i$ -opt,  $e_g$ -opt) .



No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4219/KOLNP/2011 A

(19) INDIA

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

(43) Publication Date : 29/06/2012

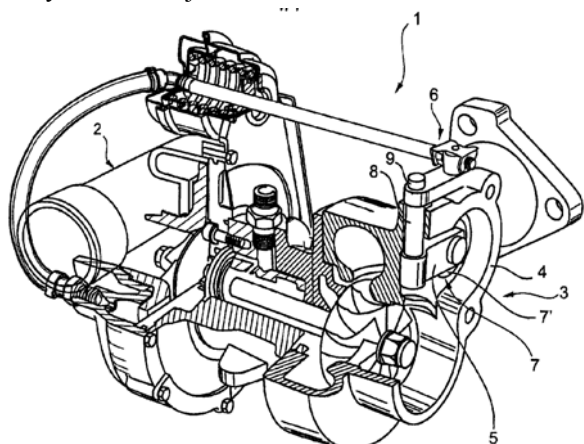
(54) Title of the invention : TEXT-BASED INFORMATION TRANSMISSION

(51) International classification	:H04N 5/00
(31) Priority Document No	:09005331.5
(32) Priority Date	:14/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/054728
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118996
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)CHRISTIAN KELLERMANN**  
**2)BERND LINZ**  
**3)MARKUS PROSCH**  
**4)ALEXANDER ZINK**

(57) Abstract :

The navigation overhead and/or the content managing/updating overhead is reduced by providing link objects with condition data being associated with the link items of the link objects so that, depending on a check as to whether the condition data is fulfilled or not, an automatic handling of a link object may be performed. For example, the automatic handling may comprise an automatic appointing an object ID referred to by a link item of the link object that has condition data associated therewith which is fulfilled, as a newly-selected object ID.



No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.580/CAL/1998 A

(19) INDIA

(22) Date of filing of Application :03/04/1998

(43) Publication Date : 29/06/2012

(54) Title of the invention : ELECTRICAL DEVICE COMPRISING A FRONT COVER

(51) International classification	:H02K5/00	(71)Name of Applicant :
(31) Priority Document No	:19715521.9	<b>1)SIEMENS AKTIENGESELLSCHAFT</b>
(32) Priority Date	:14/04/1997	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MUENCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)GERHARD WILHELM</b>
(87) International Publication No	: NA	<b>2)FRITZ ROYER</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an electric appliance having a casing (2) composed of two identically built casing shells (1) mounted in mirror inversion to one another. The casing (2) is provided with a snap-on mount for snap attachment to a mounting rail, and that the snap-on mount is implemented by two spring locking hooks (6), one of which is integrated into each of the casing shells (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/533/KOL A

(19) INDIA

(22) Date of filing of Application :18/05/2001

(43) Publication Date : 29/06/2012

(54) Title of the invention : SLURRY POLYMERIZATION PROCESS USING AN UNSUPPORTED PHOSPHINIMINE CATALYST

(51) International classification	:C08F 10/02
(31) Priority Document No	:2, 254,512
(32) Priority Date	:25/11/1998
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA1999/01063
Filing Date	:09/11/1999
(87) International Publication No	:WO 2000/31155
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)NOVA CHEMICALS (INTERNATIONAL) S.A.**  
Address of Applicant :CHEMINS DES MAZOTS 2 CH-1700  
FRIBOURG Switzerland  
(72)**Name of Inventor :**  
**1)MCKAY IAN**  
**2)JEREMIC DUSAN**  
**3)WANG QINYAN**  
**4)CHISHOLM SCOTT P**

(57) Abstract :

A slurry polymerization process uses an unsupported catalyst component which is an organometallic complex having a phosphinimine ligand and a cyclopentadienyl-type ligand. The use of the unsupported catalyst component allows simple, inexpensive catalyst addition techniques to be used in a slurry polymerization process. The catalyst component is highly active for ethylene (co)polymerization in the process of this invention.

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

## **AMENDMENT UNDER SEC.57 ( KOLKATA ).**

An application for change in the address for service of the Patentee from M/S. L. S. DAVAR & CO., 32 RADHA MADHAB DUTTA GARDEN LANE, KOLKATA – 700 010 to **M/S. D. P. AHUJA & CO., 53 SYED AMIR ALI AVENUE, KOLKATA – 700 019** in respect of Patent No. 188832 (1156/CAL/1996) 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/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
242349	DENTOFIT A/S(Denmark)	A COMPOSITE MATERIAL	16/04/2011	KOLKATA



## **Publication Under Section 43(2) in Respect of the Grant**

**Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.**

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	253066	1826/DEL/2006	14/08/2006		A HERBAL INSECTICIDAL COMPOSITION FOR CONTROLLING INSECT PEST	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	04/04/2008	DELHI
2	253067	1732/DEL/2006	28/07/2006		AN IMPROVED PROCESS FOR THE PREPARATION OF 16-EHYDROPREGENOLONE ACETATE [16-DPA]	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	15/02/2008	DELHI
3	253068	120/DELNP/2008	26/05/2006	18/07/2005	A PROCESS TO PRODUCE A NANOCOMPOSITE	EXXONMOBIL CHEMICAL PATENTS , INC	27/06/2008	DELHI
4	253069	8184/DELNP/2007	26/04/2006	27/04/2005	A SEPARATING PROCESS	CALGON CARBON CORPORATION, INNOVAROM A SA	23/11/2007	DELHI
5	253082	7141/DELNP/2006	10/05/2005	28/05/2004	METHOD FOR FUSING A CYLINDRICAL GLASS BASE MATERIAL AND MANUFACTURING A GLASS BASE MATERIAL FOR DRAWING	SHIN-ETSU CHEMICAL CO. LTD.	24/08/2007	DELHI
6	253084	6292/DELNP/2006	13/05/2005	13/05/2005	A WASHING SYSTEM AND METHOD FOR USE IN CLEANING OR WASHING A SOILED SUBSTRATE	THE PROCTER & GAMBLE COMPANY	31/08/2007	DELHI
7	253102	3555/DELNP/2004	13/05/2003	15/05/2002	A COMBUSTION METHOD THAT REDUCES THE AMOUNT OF NO <sub>x</sub>	PRAXAIR TECHNOLOGY, INC.,	04/12/2009	DELHI
8	253109	4470/DELNP/2006	17/02/2005	18/02/2004	TETRAZOLE COMPOUND AND COMPOSITION THEREOF	ASTRAZENECA AB	10/08/2007	DELHI
9	253149	571/DEL/2007	16/03/2007 12:42:12	23/03/2006	A COMPOUND USEFUL AS PHARMACEUTICALS, AVERSIVE AGENTS AND/OR ANTIFOULANTS	WHITE FLOWER ASSOCIATES LLP	28/09/2007	DELHI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	194488	IN/PCT/2001/01421/MUM	12/05/2000	26/05/1999	METHOD FOR COOLING THE GAS FLOW IN A SMELTING FURNACE	OUTOKUMPU OYJ		MUMBAI
2	253077	938/MUMNP/2007	24/01/2005	24/01/2005	INDUSTRIAL PREPARATION OF 11-[4-{2-(2-HYDROXYETHOXY)ETHYL}-1-PIPERAZINYL] DIBENZO [B,F]-[1,4] THIAZEPINE	IPCA LABORATORIES LIMITED	22/05/2009	MUMBAI
3	253078	2180/MUM/2007	01/11/2007		A PROCESS FOR THE PERPARATION OF NOVEL MOLECULAR DISPERSIONS OF LIPOPHILIC NUTRIENTS AND A PRODUCT OBTAINED THEREOF	OMNIACTIVE HEALTH TECHNOLOGIES PVT LTD	12/06/2009	MUMBAI
4	253079	2424/MUM/2008	18/11/2008		PURIFICATION OF 2,6-DIISOPROPYL PHENOL	CLARIS LIFESCIENCES LIMITED	16/01/2009	MUMBAI
5	253080	1307/MUM/2006	21/08/2006		IMPROVED DETERGENT COMPOSITION WITH BENEFIT AGENTS	HINDUSTAN UNILEVER LIMITED	25/07/2008	MUMBAI
6	253081	519/MUMNP/2008	25/08/2006	25/08/2005	LOCATION REPORTING WITH SECURE USER PLANE LOCATION (SUPL)	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
7	253083	1692/MUMNP/2008	31/01/2007	10/02/2006	FABRIC CONDITIONING COMPOSITIONS	HINDUSTAN UNILEVER LIMITED	02/01/2009	MUMBAI
8	253085	2501/MUM/2007	19/12/2007 16:53:25	29/03/2007	APPLICATION EXECUTION METHOD AND APPARATUS	SAMSUNG ELECTRONICS CO., LTD.	16/07/2010	MUMBAI
9	253090	205/MUMNP/2008	18/07/2006	19/07/2005	APPARATUS FOR PERFORMING INTER-SYSTEM HANDOVER IN EVOLVED PACKET CORE (EPC) NETWORK AND METHOD THEREOF	QUALCOMM INCORPORATED	29/08/2008	MUMBAI
10	253092	1737/MUMNP/2007	03/04/2006	01/04/2005	SYSTEMS, METHODS, AND APPARATUS FOR HIGHBAND TIME WARPING	QUALCOMM INCORPORATED	23/11/2007	MUMBAI
11	253096	315/MUMNP/2008	13/07/2006	17/08/2005	OUTER-LOOP POWER CONTROL METHOD AND DEVICE FOR WIRELESS COMMUNICATION SYSTEMS	T.O.P OPTIMIZED TECHNOLOGIES, S.L.	07/03/2008	MUMBAI

12	253106	393/MUMNP/2008	18/08/2006	18/08/2005	A COMPOSITION COMPRISING PHARMACEUTICAL-GRADE FERRIC CITRATE EFFECTIVE IN REDUCING SERUM PHOSPHATE LEVEL	GLOBOASIA LLC	21/03/2008	MUMBAI
13	253114	911/MUMNP/2007	21/02/2002	21/02/2001	METHOD OF SYNTHESIZING CAMPTOTHECIN - RELATING COMPOUNDS	KABUSHIKI KAISHA YAKULT HONSHA	03/08/2007	MUMBAI
14	253120	62/MUMNP/2008	23/06/2006	23/06/2005	SHARED TRANSLATION LOOK-ASIDE BUFFER AND METHOD	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
15	253140	292/MUM/2007	13/02/2007		PROCESS FOR PREPARATION OF CRYSTALLINE CLOPIDOGREL HYDROGEN SULPHATE FORM I	IPCA LABORATORIES LIMITED	24/10/2008	MUMBAI
16	253142	312/MUMNP/2008	14/07/2006	20/07/2005	A METHOD FOR SECURELY EXCHANGING INFORMATION OVER A WIRELESS NETWORK	QUALCOMM INCORPORATED	15/05/2009	MUMBAI
17	253144	1959/MUMNP/2007	18/05/2006	20/05/2005	ENHANCED FREQUENCY DIVISION MULTIPLE ACCESS FOR WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	25/01/2008	MUMBAI
18	253147	10/MUM/2004	05/01/2004	31/01/2003	FORMATTING MULTIMEDIA PROGRAMMING INFORMATION FOR ELECTRONIC TRANSFER	MICROSOFT CORPORATION	16/03/2007	MUMBAI
19	253148	349/MUM/2006	10/03/2006		BIO-ASSISTED METHOD FOR DISPOSING THE EMULSIONS OF METAL WORKING FLUIDS	INDIAN OIL CORPORATION LIMITED	07/12/2007	MUMBAI
20	253151	421/MUMNP/2009	29/08/2007	30/08/2006	AQUEOUS FLUID COMPOSITIONS FOR ABRASIVE SLURRIES, METHODS OF PRODUCTION, AND METHODS OF USE THEREOF	SAINT -GOBAIN CERAMICS & PLASTICS, INC.	15/05/2009	MUMBAI
21	253152	1200/MUMNP/2006	22/02/2005	12/03/2004	A METHOD OF INDICATING THE BOUNDARY OF AN APPLICATION INTERNET PROTOCOL PACKET CONTAINING USER DATA	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	18/05/2007	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	253070	389/CHENP/2003	26/09/2001	28/09/2000	COMPOSITIONS AND METHODS FOR CLEANING CONTACT LENSES	NOVARTIS AG	04/03/2005	CHENNAI
2	253075	3067/CHENP/2006	14/01/2005	23/01/2004	METHOD OF INCREASING THE PROCESS STABILITY, PARTICULARLY ABSOLUTE THICKNESS ACCURACY AND PLANT SAFETY, IN HOT ROLLING OF STEEL OR NONFERROUS MATERIALS	SMS Siemag Aktiengesellschaft	08/06/2007	CHENNAI
3	253093	82/MAS/2003	30/01/2003	04/02/2002	QUICK CONNECTION FOR THE REMOVABLE JOIN OF TWO PIPES	STAUBLI FAVERGES	27/07/2007	CHENNAI
4	253094	1345/CHENP/2007	05/04/2005	01/10/2004	THERMOPLASTIC RESIN SHEET AND LAMINATE	SEKISUI CHEMICAL CO., LTD	31/08/2007	CHENNAI
5	253115	2205/CHENP/2006	30/06/2004	19/11/2003	A METHOD OF MANUFACTURING A SEMICONDUCTOR STRUCTURE	INTERNATIONAL BUSINESS MACHINES CORPORATION	08/06/2007	CHENNAI
6	253116	475/CHENP/2007	21/07/2005	02/08/2004	TOUCH SCREEN WITH PRESSURE-DEPENDENT VISUAL FEEDBACK	KONINKLIJKE PHILIPS ELECTRONICS N.V.	24/08/2007	CHENNAI
7	253117	480/CHENP/2007	30/08/2005	31/08/2004	METHOD FOR PROVIDING INFORMATION SERVICES RELEVANT TO VISUAL IMAGERY	INTEL CORPORATION	01/06/2007	CHENNAI
8	253121	1640/CHENP/2007	10/10/2005	20/10/2004	METHOD FOR THE HOT-DIP COATING OF IRON-CARBON-MANGANESE STEEL STRIP IN A ZINC BATH	ARCELOR France	31/08/2007	CHENNAI
9	253123	3819/CHENP/2006	13/04/2005	16/04/2004	ELECTRONIC POWER ASSIST STEERING WORM GEARS	QUADRANT EEP AG	15/06/2007	CHENNAI
10	253124	2170/CHE/2007	26/09/2007 16:20:25	29/09/2006	A DEVELOPING MEMBER	CANON KABUSHIKI KAISHA	11/09/2009	CHENNAI
11	253125	5129/CHENP/2007	12/04/2006	13/04/2005	ADAPTIVE PREDISTORTION LINEARIZED AMPLIFIER SYSTEM EMPLOYING SELECTIVE SAMPLING	POWERWAVE TECHNOLOGIES, INC.	27/06/2008	CHENNAI

12	253126	2670/CHE/2007	16/11/2007 15:40:46	17/11/2006	AUTOMOBILE VEHICLE SEAT WITH ADJUSTABLE SEAT PAN	FAURECIA SIEGES D'AUTOMOBILE	11/09/2009	CHENNAI
13	253127	1672/CHE/2006	25/02/2005	03/12/2004	SEMICONDUCTOR DEVICE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	07/12/2007	CHENNAI
14	253128	813/CHE/2007	17/04/2007 15:03:35		ELECTRONIC TIME DELAY FUZE FOR HAND GRENADE AND RIFLE GRENADE	HBL POWER SYSTEMS LTD	26/12/2008	CHENNAI
15	253129	3085/CHENP/2004	20/06/2003	09/10/2002	HIGH PRESSURE PUMP, ESPECIALLY FOR A FUEL INJECTION DEVICE IN AN INTERNAL COMBUSTION ENGINE	ROBERT BOSCH GMBH	17/02/2006	CHENNAI
16	253130	2580/CHENP/2006	11/11/2004	16/12/2003	A ROLL BEARING SEALING DEVICE	SMS SIEMAG AKTIENGESELLSCHAFT	08/06/2007	CHENNAI
17	253131	4574/CHENP/2006	10/05/2005	14/05/2004	MECHANICAL PIPE COUPLING HAVING PIPE CLEARANCE NOTCHES	VICTAULIC COMPANY	29/06/2007	CHENNAI
18	253132	3546/CHENP/2006	25/02/2005	27/02/2004	PLASTIC PACKAGING HAVING EMBEDDED MICRO-PARTICLE TAGGANTS	REXAM HEALTHCARE PACKAGING INC.	15/06/2007	CHENNAI
19	253134	2907/CHENP/2007	22/12/2005	30/12/2004	SYNTHESIS OF PEPTIDE T- 20 USING PEPTIDE INTERMEDIATE FRAGMENTS	F. HOFFMANN-LA ROCHE AG	07/09/2007	CHENNAI
20	253135	2402/CHE/2007	23/10/2007 16:31:32		FILLABLE AMALGAMATION BED AND A METHOD OF MANUFACTURE THEREOF	PRADEEP RANGANATHAN	30/11/2007	CHENNAI
21	253136	2974/CHENP/2006	13/01/2005	16/01/2004	A METHOD OF SUBDIVIDING A PLOT OF LAND FOR HOUSING AND A HOUSING SUBDIVISION SO FORMED	GHAZALI, Mazlin, B. ,DURACK, Michael, James	08/06/2007	CHENNAI
22	253137	3078/CHENP/2004	17/07/2003	17/07/2002	METHOD FOR PRODUCING A SOLID CONTAINING ZEOLITES	BASF AKTIENGESELLSCHAFT	17/02/2006	CHENNAI
23	253138	3483/CHENP/2006	27/01/2005	24/02/2004	A PROCESS FOR PRODUCING A COMPOSITION FOR USE AS A FUEL OR AS A CONSITUTENT OF A FUEL	INSTITUT FRANCAIS DU PETROLE	15/06/2007	CHENNAI
24	253139	3685/CHENP/2006	04/03/2005	05/03/2004	HYALURONIC ACID- METHOTREXATE CONJUGATE	DENKI KAGAKU KOGYO KABUSHIKI KAISHA	06/07/2007	CHENNAI
25	253141	2209/CHENP/2006	19/11/2004	19/11/2003	ACTUATING APPARATUS FOR A RAPID COUPLING FOR TRANSFERRING GASEOUS OR LIQUID FLUIDS	WEH, Erwin ,WEH, Wolfgang	08/06/2007	CHENNAI

26	253143	861/MAS/2001	22/10/2001		A PIPE FITTING	THE HONG KONG AND CHINA GAS COMPANY LIMITED	04/03/2011	CHENNAI
27	253145	1171/CHE/2006	06/07/2006 15:11:02		AN IMPROVED PROCESS FOR PREPARING NATEGLINIDE	AUROBINDO PHARMA LIMITED,	25/01/2008	CHENNAI
28	253146	619/CHE/2008	12/03/2008 16:54:22	14/03/2007	ADSORPTION PROCESS TO RECOVER HYDROGEN FROM FEED GAS MIXTURES HAVING LOW HYDROGEN CONCENTRATION	AIR PRODUCTS AND CHEMICALS, INC	21/08/2009	CHENNAI
29	253150	2343/CHE/2007	16/10/2007 16:07:53	17/10/2006	AN ARCHITECTURE FOR A HYDRAULIC SYSTEM FOR OPERATING AIRCRAFT LANDING GEAR	MESSIER-BUGATTI-DOWTY	11/09/2009	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	253071	395/KOLNP/2007	17/08/2005	17/08/2004	A METHOD AND SYSTEM FOR UPDATING A SLEEP IDENTIFIER OF A MOBILE STATION IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	06/07/2007	KOLKATA
2	253072	3449/KOLNP/2006	07/07/2005	07/07/2004	METHOD AND APPARATUS FOR TRANSMITTING REFERENCE SIGNALS IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO.LTD.	15/06/2007	KOLKATA
3	253073	374/KOLNP/2007	01/02/2006	15/04/2005	AN ENCODER FOR GENERATING A PARAMETRIC REPRESENTATION OF AN AUDIO SIGNAL	FRAUNHOFER-GESELLSCHAFT ZUR FOERDER UNG DER ANGEWANDTEN FORSCHUNG E.V.,CODING TECHNOLOGIES AB,KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/07/2007	KOLKATA
4	253074	1580/KOLNP/2007	13/10/2005	19/10/2004	METHOD FOR MANUFACTURE OF GYPSUM BOARD AND DEVICE THEREFOR	BPB LIMITED,BPB LIMITED	27/07/2007	KOLKATA
5	253076	535/KOLNP/2007	17/09/2004	17/09/2004	A DISPOSABLE CAPSULE FOR PREPARING A BEVERAGE FROM A FOOD PRODUCT HOUSED THEREIN AND A METHOD FOR OPENING SUCH A CAPSULE	TUTTOESPRESSO S.P.A.	06/07/2007	KOLKATA
6	253086	812/KOL/2005	05/09/2005	20/09/2004	BINDING ELEMENT	UNIBIND (CYPRUS) LIMITED	05/01/2007	KOLKATA
7	253087	4523/KOLNP/2008	10/05/2006	10/05/2006	A PROCESS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION COMPRISING PYROGENICALLY PRODUCED SILICON DIOXIDE	EVONIK DEGUSSA GMBH	13/03/2009	KOLKATA

8	253088	640/KOLNP/2006	25/08/2004	25/08/2003	MODULAR TOWER TO SUPPORT A WIND-DRIVEN POWER-PLANT	REPOWER SYSTEMS AG	22/06/2007	KOLKATA
9	253089	782/KOL/2007	21/05/2007	03/08/2006	AN APPARATUS AND A RING TOOL FOR BURNISHING THE ROOT PORTIONS OF A HEAT-TREATED EXTERNAL GEAR ELEMENT OF A VEHICLE TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC	22/02/2008	KOLKATA
10	253091	1510/KOL/2007	02/11/2007	28/11/2006	A METHOD AND A SYSTEM FOR REGULATING OPERATION OF AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	11/07/2008	KOLKATA
11	253095	956/KOL/2006	19/09/2006 15:11:45		AN IMPROVED HOLDING DEVICE WITH BRAKE ATTACHMENT TO RESTRICT AN ANTI-DIRECTIONAL MOVEMENT OF INCLINED CONVEYOR BELT	TATA STEEL LIMTTED	27/04/2007	KOLKATA
12	253097	2275/KOLNP/2008	12/12/2006	12/12/2005	BASE OIL AND PROCESS FOR PRODUCING THE SAME	NESTE OIL OYJ	16/01/2009	KOLKATA
13	253098	455/KOL/2007	22/03/2007		AN APPARATUS WITH VARIABLE WIRE STICKOUT FOR SUBMERGED ARC WELDING TO PRODUCE HIGHER DEPOSITION RATES AND REDUCED DILUTION AND A METHOD FOR THE SAME	BHARAT HEAVY ELECTRICALS LIMITED	03/10/2008	KOLKATA
14	253099	1331/CAL/1998	29/07/1998	30/07/1997	4-OXO-3,5-DIHYDRO-4H-PYRIDAZINO[4,5-b]INDOLE-1-ACETAMIDE-DEIVATIVES	SANOFI AVENTIS	28/08/2009	KOLKATA
15	253100	2623/KOLNP/2007	15/02/2006	16/02/2005	A METHOD AND AN APPARATUS FOR THE PELLETIZATION OF PLASTICS AND/OR POLYMERS	GALA INDUSTRIES, INC.	31/08/2007	KOLKATA
16	253101	106/KOLNP/2007	14/07/2005	05/08/2004	A METHOD FOR PREPARING 3-(METHYLTHIO)PROPANAL & 2-HYDROXY-4-(METHYLTHIO)BUTANENITRILE	EVONIK DEGUSSA GMBH	29/06/2007	KOLKATA
17	253103	2999/KOLNP/2008	13/02/2007	23/02/2006	COOLING EQUIPMENT AND METHOD FOR COOLING LIQUID THEREIN	OUTOTEC OYJ	06/02/2009	KOLKATA
18	253104	3379/KOLNP/2006	25/04/2005	07/05/2004	A FUEL SUPPLY DEVICE FOR A MOTOR VEHICLE	CONTINENTAL AUTOMOTIVE GMBH	15/06/2007	KOLKATA
19	253105	2104/KOLNP/2005	24/03/2004	24/03/2003	A SUGAR PRODUCTION SYSTEM	NALCO COMPANY	20/07/2007	KOLKATA



20	253107	3589/KOLNP/2006	20/05/2005	20/05/2004	ANALYSIS OF LIQUID CHROMATOGRAPHY ELUATES	NOVARTIS VACCINES AND DIAGNOSTICS S.R.L.	15/06/2007	KOLKATA
21	253108	3268/KOLNP/2006	20/07/2005	23/07/2004	AZASUGAR DERIVATIVES, HEPARANASE INHIBITORS AND PHARMACEUTICAL COMPOSITIONS THEREOF	SANOFI-AVENTIS	08/06/2007	KOLKATA
22	253110	1841/KOLNP/2006	25/03/2005	26/03/2004	METHOD AND SYSTEM FOR SUBSCRIBING TO DIGITAL BROADCASTING SERVICE THROUGH MOBILE COMMUNICATION NETWORK	SAMSUNG ELECTRONICS CO. LTD.	11/05/2007	KOLKATA
23	253111	2180/KOLNP/2006	10/02/2005	13/02/2004	MULTITRACK CURVE-TILTING VEHICLE AND METHOD FOR TILTING A VEHICLE.	GEISER FRIEDRICH	18/05/2007	KOLKATA
24	253112	650/KOL/2007	27/04/2007		EFFICIENT AND IMPROVED PASS PARTITION PLATE ARRANGEMENT FOR SEPARATING HOT AND COLD FEED WATER IN FEED WATER HEATERS IN THERMAL POWER PLANTS	BHARAT HEAVY ELECTRICALS LIMITED	07/11/2008	KOLKATA
25	253113	239/KOL/2007	16/02/2007		FOG SIGNALLING CUM REMOTE STOPPAGE DEVICE	ARUP CHATTERJEE	29/08/2008	KOLKATA
26	253118	1775/KOLNP/2006	12/11/2004	30/12/2003	AN ENERGY CONSUMPTION METER	AUSTRIAMICROSysteMS AG	11/05/2007	KOLKATA
27	253119	80/KOLNP/2008	06/07/2006	07/07/2005	SINGLE SITE CATALYST SYSTEMS HAVING A SCORPION-LIKE STRUCTURE	TOTAL PETROCHEMICALS RESEARCH FELUY	12/09/2008	KOLKATA
28	253122	3309/KOLNP/2006	09/05/2005	10/05/2004	A METHOD OF CONFIGURING AN IP ADDRESS OF A TERMINAL IN A BROADBAND WIRELESS ACCESS SYSTEM	LG ELECTRONICS INC.	15/06/2007	KOLKATA
29	253133	1243/KOLNP/2007	14/10/2005	08/11/2004	CONTAINER, IN PARTICULAR AN AMPULE	HANSEN, BERND	20/07/2007	KOLKATA

***CONTINUED TO PART- 2***