

पेटेंट कार्यालय
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शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

28th DECEMBER, 2012

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**THE PATENT OFFICE
KOLKATA, 28/12/2012**

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 & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli 	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <ul style="list-style-type: none"> ❖ Rest of India
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: delhi-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh. 		

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 28/12/2012
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 :-

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

वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

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

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 जाहौं उपयुक्त कार्यालय स्थित हैं।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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



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भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

बौद्धिक संपदा भवन/BOUDHIK SAMPADA BHAWAN
सीपी-2/C.P.I., सेक्टर-V, सॉल लेक/SALT LAKE
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संख्या/No. : H-45011/L/2004-Admn.

विनाम्रक/Date: 17-12-2012

LIST OF HOLIDAYS FOR THE YEAR - 2013

The following days have been declared as Holidays to be observed by the Patent Office Kolkata during the year 2013.

Sl. No.	Holidays & Connected Festivals	Date	Days of Week
1.	Id-E-Milad/ Prophet Mohammad's Birthday	January 25	Friday
2.	Republic Day	January 26	Saturday
3.	Holi/Dolyatra in West Bengal	March 27	Wednesday
4.	Good Friday	March 29	Friday
5.	Vaisakhadi (Bengal)	April 15	Monday
6.	Mahavir Jayanti	April 24	Wednesday
7.	Buddha Purnima	May 25	Saturday
8.	Idul Fitri	August 09	Friday
9.	Independence Day	August 15	Thursday
10.	Mahatma Gandhi's Birthday	October 02	Wednesday
11.	Additional Day for Dussehra (Mahasaptami)	October 11	Friday
12.	Dussehra (Vijaya Dashami)	October 14	Monday
13.	Id-uz-Zuha (Bakrid)	October 16	Wednesday
14.	Diwali (Deepavali)	November 03	Sunday
15.	Muharram	November 14	Thursday
16.	Guru Nanak's Birthday	November 17	Sunday
17.	Christmas Day	December 25	Wednesday

Note: Central Government Organizations, which include industrial, commercial & training establishments (i.e. other than doing work of Secretariat nature) would observe 16 holidays in a year out of which 3 namely Republic Day, Independence Day and Mahatma Gandhi's Birthday will be compulsory. The remaining holidays/occasions may be determined by such Establishments/Organizations themselves on year to year basis.

In deciding whether a particular Deptt/Establishment/Organization an industrial, commercial or trading organizations (i.e. other than those doing work of Secretariat nature) the decision maybe taken by the respective Ministry/Ministry of Home Affairs, New Delhi.

The date of Holidays for the Muslim festivals may be changed on sighting of the Moon and decision to be taken by the State Govt.



प्रौद्योगिकी सम्पदा भारत
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INTELLECTUAL PROPERTY INDIA
Patent Designs Trade Marks
Geographical Indications
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संख्या/No: एच-45011/1/2004-प्रश्ना.

बौद्धिक सम्पदा भवन/BOUDDHIK SAMPADA BHAWAN
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वेब साइट/Website : www.ipindia.nic.in,
www.ipindia.gov.in

दिनांक/Date: 17.12.2012

वर्ष 2013 में छुट्टियों की सूची

वर्ष 2013 के दौरान पेटेंट कार्यालय कोलकाता के लिए निम्नलिखित दिनों को छुट्टी घोषित किया जाता है।

क्रम संख्या	छुट्टियों तथा संबंधित त्वाहार	दिनांक	सप्ताह के दिन
1.	प्रोफेट मोहम्मद जन्मदिवस/ईद-ए-मिलाद	जनवरी, 25	शुक्रवार
2.	गणतंत्र दिवस	जनवरी, 26	शनिवार
3.	होली/दोलखाचा प. बंगाल में	मार्च, 27	बुधवार
4.	गुड फ्राइड	मार्च, 29	शुक्रवार
5.	वैशाखी (बंगाल)	अप्रैल, 15	सोमवार
6.	महादीर जयती	अप्रैल, 24	बुधवार
7.	बुद्ध पूर्णिमा	मई, 25	शनिवार
8.	ईद-उल-फितर	अगस्त, 09	शुक्रवार
9.	स्वतंत्रता दिवस	अगस्त, 15	गुरुवार
10.	महात्मा गांधी जयती	अक्टूबर, 02	बुधवार
11.	दशहरा के लिए अतिरिक्त दिवस (महासप्तमी)	अक्टूबर, 11	शुक्रवार
12.	दशहरा (विजया दशमी)	अक्टूबर, 14	सोमवार
13.	ईद-उल-जुहा (बकरीद)	अक्टूबर, 16	बुधवार
14.	दिवाली (दिपावली)	नवम्बर, 03	रविवार
15.	मुहरम	नवम्बर, 14	गुरुवार
16.	गुरु नानक जयती	नवम्बर, 17	रविवार
17.	क्रिसमस ई	दिसम्बर, 25	बुधवार

टिप्पणी: केन्द्र सरकार के संस्थानों में, जिनमें अधिकारीग, वाणिज्यिक तथा प्रशिक्षण प्रतिष्ठान (यथा सचिवालयीन प्रकृति से पृथक् कार्य करने वाले) शामिल हैं, इस वर्ष 16 अवकाश होंगे जिनमें से 3 (तीन) यथा गणतंत्र दिवस, स्वतंत्रता दिवस तथा महात्मा गांधी जयती अनिवार्य होंगे। शेष अवकाश/अवसर उन प्रतिष्ठानों/संस्थानों द्वारा प्रत्येक वर्ष स्वयं निर्धारित किए जाएंगे।

कोई विशेष/प्रतिष्ठान/संगठन औद्योगिक, वाणिज्यिक एवं व्यापारिक प्रतिष्ठान (अर्थात् सचिवालयीन प्रकृति के कार्य करने वाले प्रतिष्ठानों के अतिरिक्त) है कि नहीं इसका निर्धारण संबंधित मंत्रालय/गृह मंत्रालय, नई दिल्ली द्वारा किया जाएगा।

मुख्यमंत्री त्वाहारों की छुट्टी के दिन चौंद के दिनाने तथा राज्य सरकार द्वारा लिये गये निर्णय के अन्वार पर बदल सकते हैं।

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.147/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 28/12/2012

(54) Title of the invention : INSTRUMENT FOR MEASUREMENT OF RICE QUALITY BASED ON APPEARANCE

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Department of Information Technology (DIT) Ministry of Communications & Information Technology Address of Applicant :6 CGO Complex Lodhi Road New Delhi 110 003 India
(32) Priority Date	:NA	2)Centre for Development of Advanced Computing (C-DAC) Ministry of Communication & Information Technology
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No Filing Date	:NA	1)AKULI Amitava 2)PAL Abhra 3)BHATTACHARYYA Nabarun 4)MUKHERJEE. Subhankar 5)ROY. Jayanta Kumar 6)KANJILAL Rabindranath 7)ADHIKARI Bijan
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates generally to an apparatus and method for Quality assessment and more particularly to an apparatus and method for instant rice quality analysis by image processing based statistical analysis technique. Apparatus comprises a portable cabinet for housing all the components; a digital colour camera placed inside a metal housing; a constant illumination means including a plurality of dome type LEDs placed at four inside corners of said cabinet; a power supply module etc. Additionally the present invention provides for a non-invasive, fast, reliable solution & easy to operate & dependable apparatus. Also it provides a modular construction approach for ease of integration, maintenance & up gradation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3165/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PLANT DERIVED POLY-AND OLIGOSACCHARIDES, EXUDATES AND MUCILAGE FRACTIONS FOR TEXTURING MULTI-GRAIN AND HYBRID INGREDIENT COMBINATIONS IN FUNCTIONAL FOODS WITH IMPROVED COOKING QUALITY AND ORGANOLEPTIC ADVANTAGE AND THE PROCESS THEREOF

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

(71)Name of Applicant :

1)NUTRAHELIx BIOTECH PVT. LTD.

Address of Applicant :KNOWLEDGE CENTRE 101, PARK VIEW APARTMENTS, BUILDING NO.II, MANDI VILLAGE ROAD, MEHRAULI, NEW DELHI 110030, INDIA

(72)Name of Inventor :

1)SUMAN PREET SINGH KHANUJA

2)DHARMENDRA JAIN

(57) Abstract :

Certain carbohydrates/polysaccharides/mucilages based plant fractions and exudates have been identified which can be utilized for various functional food preparations and food matrices with advantage of better texture, high nutritional value, ability to contain and deliver bioactives and provide a stability matrix to functional food formulations. The invention provides the use of mucilage or poly-oligosaccharides from the plants with flour of cereals, millets and a combination of there to produce confectionary product not limited to pasta, noodles with better textural, cooking quality and organoleptic characteristics. These cover several higher and lower plants families. The food matrix preparation ranges from pasta, noodles, cookies, bread and so on

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2016/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING SERVICES IN COMMUNICATION NETWORK

(51) International classification	:F15B
(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	:2728/DEL/2008
Filed on	:02/06/2009
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NANGIA, RAJENDER KUMAR

Address of Applicant :C-43, JUNGPUR-A-B, KARAN
STORE, NEW DELHI 110014, INDIA

(72)Name of Inventor :

1)NANGIA, RAJENDER KUMAR

(57) Abstract :

The present invention discloses a system (1000) for providing services in a communication network. The system (1000) includes a call landing module (100) configured to receive phone call request from the telephony devices (2000). The system further includes a call action module (200) capable of acting on the phone call request by rejecting or accepting or rejecting an arranging a call back. The system (1000) also include a call processing module (300), which processes the phone call request to capture the Caller ID of the telephony device (2000) and the master number sequence, and determines the one or more tasks to be performed based on the Caller ID and master number sequence. The system includes a master module (500), which performs (he one or more tasks for providing services to the us

No. of Pages : 61 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3257/DEL/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD TO SYNCHRONIZE AND CONTROL DISTRIBUTED CONVENTIONAL/NON CONVENTIONAL ENERGY RESOURCES.

(51) International classification	:H02J4/00
(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)STATCON POWER CONTROLS LTD.

Address of Applicant :A-34, SECTOR-59, NOIDA,
GAUTAM BUDH NAGAR, PIN: 201301 Uttar Pradesh India

(72)Name of Inventor :

1)MANOJ PANDE

2)MANMOHAN SINGH SAINI

(57) Abstract :

The present invention describes an electric energy distribution network containing backup sources. More precisely it is an intelligent control mechanism which may be deployed for single or in combination with other available source of electrical power in order to provide uninterrupted supply of electricity. Described herein are embodiments of power integration systems which may be used as stand-alone systems or may be connected to a larger, integrated power supply system. In some embodiments, a system comprises smart integrated system comprising at least one electrical power bus connectable to at least one input power source by one or more switchable connections, a communication network coupled to the smart integration system, and a controller coupled to the communication network. In some embodiments the controller comprises logic to monitor power outputs from the at least one input power source monitor one or more power loads coupled to the at least one and selectively connect one or more of the input power sources to the at least one electrical power bus.

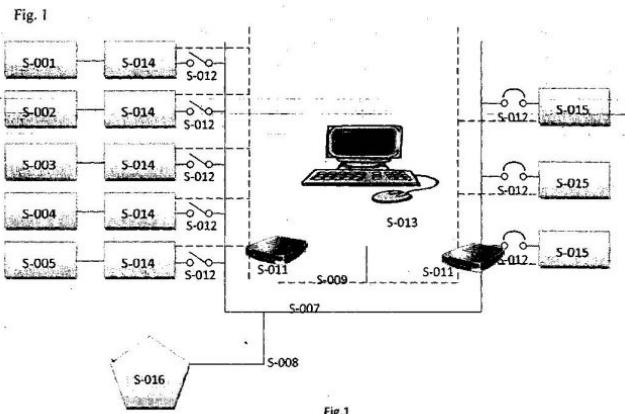


Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3302/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CYLINDER LOCK WITH AT LEAST ONE TIME CHANGEABLE LOCKING MECHANISM AND COMPATIBLE KEYS THEREOF

(51) International classification	:B21K	(71) Name of Applicant : 1)DORSET KABA SECURITY SYSTEMS PVT. LTD. Address of Applicant :A-88 ROAD NO. 2, MAHIPALPUR EXTN., NEW DELHI - 110037 INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SUKRIT BANSAL
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 generally relates to a cylinder lock with at least one time changeable locking mechanism and compatible keys thereof. Said cylinder lock is provisioned with such locking mechanism that it firstly gets suitably operated by one particular key, compatible to the internal locking mechanism involved therein and initial keyed pin combination therein as provided by the manufacturer; and thereafter when another key with different teeth threading pattern, compatible to another keyed pin combination, is operated in the said cylinder lock, it changes the internal locking mechanism of said lock and its assembly of said keyed pin combination.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3615/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A TWO-DIMENSIONAL OPTICAL CDMA SYSTEM AND WAVELENGTH-TIME ENCODING/DECODING FOR OPTICAL CDMA APPLICATIONS

(51) International classification	:G01J	(71) Name of Applicant : 1)JASWINDER SINGH
(31) Priority Document No	:NA	Address of Applicant :121-C, SANDHU AVENUE, NEAR O.C.M. MILLS, CHHEHARTA, AMRITSAR-143105, Punjab India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JASWINDER SINGH
(87) 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 the proposed art, an optical code-division multiple-access system and wavelength-time optical CDMA encoder/decoder and the codes for encoding/decoding are provided. The codes are generated by using pseudo-random noise (PN) sequence and prime pxp matrix code. There are N ($p^2 - 1$) users for a code size N_p , where N, is the length of PN sequence and p is the prime number. All the users are synchronized and the time-shifted versions of the codes are also assigned as codes to other users. The proposed art supports much larger number of users than the prior art which supports $(M-1) \times (N-1)$ users. When the code size is MxN; M and N are the modified lengths of pseudo-random sequences. For example, for 64 wavelengths and 8 time slots (code size 512), the prior art supports 441 users (code-cardinality/code-size ratio = 86%) while with 77 wavelengths and 7 time slots (code size=539), the proposed art supports 528 users with a code-cardinality/code-size ratio = 98%. Multiple access interference (MAI) is zero even when all the supported users are active.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2842/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TRANSPARENT SUBSTRATE FOR PROVIDING SECURITY AGAINST COUNTERFEITING

(51) International classification	:B23B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHATURVEDI, ASHOK

Address of Applicant :305, III FLOOR, BHANOT CORNER,
PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India

(72)Name of Inventor :

1)CHATURVEDI, ASHOK

(57) Abstract :

A polymeric flexible packaging substrate made up of a plurality of layers is disclosed. The plurality of layers is prepared by a method comprising optionally coating a lower surface of a film by an optional release coat layer. The method further comprises coating a lacquer coat on the release coat layer or on the lower surface if the optional release coat layer is not coated on the lower surface. Optionally hard or UV embossing over the lacquer coat is done for holography. Metalizing the lacquer coat by a first metalized layer and metalizing the first metalized layer by a second metalized layer is done. At the end, the hard or UV embossing over the second metalized layer is done if the lacquer coat is not hard or UV embossed and selective de-metalizing of the second metalized layer is done.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.127/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CANCELLATION OF RAILWAY TICKET THROUGH SHORT MESSAGE SERVICE (SMS).

(51) International classification	:G06Q 10/02	(71) Name of Applicant : 1)SINGH SATISH KUMAR Address of Applicant :HB ESTATE, PLOT NO 46 SONEGAON, NAGPUR - 440010 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SINGH SATISH KUMAR
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2012

(21) Application No.1280/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FRUITS OR FLOWERS FRAGRANCE (ONLY AROMA) TO DRINKING WATER FOR HUMAN CONSUMPTION

(51) International classification	:A23L 1/22	(71) Name of Applicant : 1)DR. VIKRAM SHARADCHANDRA KALE Address of Applicant :SR. NO.111/2/31 BANGLOW-VIKRAM, PATHERDI ROAD, SAINATH NAGAR, NASHIK-422006 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)DR. VIKRAM SHARADCHANDRA KALE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In the new world of foody trend in bottled water is the art of selecting correct type of flavor water, which will suits our food habits for selection of unique combination with food we are presenting fruits or Flowers fragrance (Aroma Only) to purified drinking water we can simply make the fresh feel and pleasant, joyful Fruits or Flowers fragrance (Aroma Only) drinking water for oral consumption. The regular processes of water purification and disinfection will be the same as mentioned in description of existing product, only we are going to add fruits or flowers fragrance (Aroma Only) essence to drinking water according to guidelines described by government of India, also following highest standards of purity, hygiene and statutory requirements. It is normal purified water, which traditionally used for drinking by adding fruits or flowers fragrance (Aroma Only) essence not exceeding than 0.01 % to 0.5% per liter of water in it.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1374/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A CUSTOMIZABLE DOSING SYSTEM FOR MORNING SICKNESS.

(51) International classification	:A61K 31/00, A61K9/00	(71) Name of Applicant : 1)ZOTA HEALTH CARE LTD Address of Applicant :ZOTA HOUSE, 2/896,HIRA MODI STREET, SAGRAMPURA, SURAT- 395002,(GUJARAT),INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)DR.SANJAY AGRAWAL 2)MR.KAMLESH RAJNIKANT ZOTA 3)MR.KETAN CHANDULAL ZOTA 4)MR.MANUKANT CHANDULAL ZOTA 5)MR.HIMANSHU MUKTILAL ZOTA
(87) International Publication No	:n/a	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A customizable dosing system is provided, comprising an anticholinergic, central nervous system stimulant such as caffeine with other ingredient. Its specifically used for nausea, vomiting, and dizziness associated with vertigo in diseases particularly morning sickness in pregnant women.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1375/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AN NOVEL VEHICULAR EXHAUST DESIGN FOR REDUCING EFFECTIVE EMISSION TO AIR

(51) International classification	:F01N 3/00	(71) Name of Applicant : 1)MR.LAXMICHAND SHAH Address of Applicant :FLAT NO. 303, SAD GURU DRISHTI APTS, V.L. ROAD, MULUND(WEST), MUMBAI-400 080,MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MR.LAXMICHAND SHAH
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 disclosure relates to an efficient approach for reduced a plurality of pollutants loaded in the exhaust gas will be absorbed, filtered and removed in the absorbing and filtering medium for preventing air pollution caused by an engine waste gas.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1376/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYNERGESTIC ELECTRICITY GENERATION THROUGH INTEGRATION AND CONVERSION OF NATURAL SOLAR, WIND AND THERMAL ENERGY (SWTHYBRID)

(51) International classification	:H02N6/00, F01D 15/10	(71) Name of Applicant : 1)MR. VAIBHAV EKNATH SURVE Address of Applicant :MR.VAIBHAV EKNATH SURVE POST-WASARI TALUKA-MALEGAON DISTT-WASHIM PIN-444505 MAHARASHTRA INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. VAIBHAV EKNATH SURVE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A customizable power plant or system is provided, comprising natural sources such as wind, thermal, solar thereof for generating much more electricity without pollution.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1631/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HAND OPERATED MACHINE FOR TESTING OF EYE SIGHT

(51) International classification	:A61B3/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JAYANT NARAYANDAS BHAYANI
Address of Applicant :GULMOHOR SOCIETY, NEAR
GANESH TOWER, KALYAN EAST, DIST.: THANE
Maharashtra India

(72)Name of Inventor :

1)JAYANT NARAYANDAS BHAYANI

(57) Abstract :

This is a hand-operated machine that detects farsighted and nearsighted error in same mechanism, it gives the perfect result so dont need to do the manual check up again after using this machine, it takes place of 2fts x2fts and runs on 240wats power battery, it is an eco friendly and user-friendly machine. This dose not have any complicated mechanism so if runs for long time with a low maintenance. All international languages options are available with this machine. In addition this machine can be made in very low price comparatively then other available machines in market.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2625/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A HOUSEHOLD DECORATIVE DEVICE

(51) International classification	:F21K7/00
(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. P. UDAYA PRASHANT

Address of Applicant :C/O DANDU RAMAKRISHNA,
KOHINOOR CRANE SERVICE, 116/117 SHRIKANT
CHAMBER, NEAR R.K.STUDIO, S.T.ROAD CHEMBUR,
PIN: 400 071 Maharashtra India

(72)Name of Inventor :

1)DR. P. UDAYA PRASHANT

(57) Abstract :

The present invention relates to household decorative devices and more particularly to a light and sound producing decorative device, the present invention provides a light and sound producing decorative device, comprising a first container filled with a combustive oil having one wick which lights a flame, and a second container filled with water having one wick dipped in water, such that one end of the wick of the second container is kept in touch with the flame and the burning of the flame produces a fire cracker sound. The device further includes a base to keep the first container and the second container and a housing surrounding the first container and the second container and removably mounted on the base, for protecting the burning flame from blowing wind and putting off the burning flame.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2905/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED WEAR RESISTANT METAL PARTS AND METHODS OF MANUFACTURE THEREOF

(51) International classification	:C23C10/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filed on	:276/MUM/2005 :14/01/2005
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)AIA ENGINEERING LTD.

Address of Applicant :115 G.V.M.M. Estate Odhav Road
Ahmedabad-382 410 Gujarat India

(72)**Name of Inventor :**

1)SUDHIR VAMAN BHIDE

(57) Abstract :

The present invention relates to a wear resistant metallic part comprising a metallic body with one or more wearing surfaces said wearing surfaces being provided with mineral grains comprising a eutectic mixture of zirconium oxide and aluminium oxide wherein Zirconia is 38 to 42 % and balance is Alumina and less than 2% of impurities.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2012

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

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR SELECTIVE EXTRACTION AND PURIFICATION OF STRESSINDUCED ANTIMICROBIAL METABOLITE FROM PASSIFLORA FOETIDA L

(51) International classification	:C12N1/20, A61K39/00	(71) Name of Applicant : 1)Sant Gadge Baba Amravati University Address of Applicant :SGB Amravati University Amravati 444 602 Maharashtra India 2)Dr. Anita Surendra Patil 3)Mr. Hariprasad Madhukarao Paikrao
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Dr. Anita Surendra Patil
(87) International Publication No	: NA	2)Mr. Hariprasad Madhukarao Paikrao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Following invention provides a process and methodology for one-step purification and extraction of stress induced antimicrobial and antioxidant metabolite i.e Passifloricidine from P. foetida L. which can also be applied for extraction and purification of similar compounds from other species. In the present invention Passifloricidine extracted from P. foetida vegetative leaf cuttings shows inhibition against pus forming S. aureus. Moreover S. typhi and K. pneumonia showed variable degrees of inhibition. At very lower concentrations Passifloricidine exhibited greater potential to inhibit the test bacterial culture compared to earlier reports.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2012

(21) Application No.3460/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A PROCESS FOR PREPARATION OF MIDAZOLAM.

(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 :

1)SEQUENT SCIENTIFIC LIMITED

Address of Applicant :116, VARDHAMAN INDUSTRIAL COMPLEX, L.B.S.MARG, THANE (W), MUMBAI - 400 601, Maharashtra India

(72)Name of Inventor :

1)DAS, GAUTAM KUMAR

2)ARULMOLI, THANGAVEL

3)SUMANGALA, V

4)PATGAR, PRASAD NARASIMHA

5)KAYARMAR, RESHMA

6)SHIVALINGAPPA, MANJUNATHA

7)VASUDEVA, PEJAKALA KAKRANNAYA

(57) Abstract :

The present invention relates to a novel process for the preparation of an anaesthetic drug Midazolam of formula I which comprises reductive amination of l-{4-chloro-2-[2-(2-fluorophenyl)-l,3-dithiolan-2-yl]phenyl}-5-methyl-lH-imidazole-5-carboxaldehyde using a reducing agent and ammonia in an alcoholic solvent to obtain 1-(l-{4-chloro-2-[2-(2-fluorophenyl)-l,3-dithiolan-2-yl]phenyl}-2-methyl-lH-imidazol-5-yl)methanamine followed by deprotection and cyclization of the obtained l-(l-{4-chloro-2-[2-(2-fluorophenyl)-l,3-dithiolan-2-yl]phenyl}-2-methyl-lH-imidazol-5-yl)methanamine using a reagent in presence of a solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2012

(21) Application No.3445/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AMPHOTERIC DETERGENT COMPATIBLE SOFTENERS BASED ON ALKYL AMMONIUM BACKBONE

(51) International classification	:C11D3/37, D06M15/53	(71) Name of Applicant : 1)DR. SANDEEPAK BALKRISHNA PANDIT Address of Applicant :SHREEPRASAD, PLOT NO. 4 SHYAM-SUNDAR SOCIETY NEAR MHATRE BRIDGE, NAVI PETH, PUNE - 411030 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. SANDEEPAK BALKRISHNA PANDIT
(87) 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 :

NA

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3284/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A WATER BASED AMUSEMENT STRUCTURE

(51) International classification	:A63G31/00	(71) Name of Applicant : 1)ARIHANT INDUSTRIAL CORPORATION LIMITED Address of Applicant :ARIHANT COMPLEX, OPP. SAGAR PETROL PUMP, N. H. NO. 8, SATIVALI, VASAI (EAST) -401 208, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJEN S. SHAH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A water based amusement structure inside which participants can enjoy rain dance, the amusement structure comprising: a ring shaped base with spaceship structure and/or other design structure of different shapes cover; having a dome like structure to be fixed on the ring shaped base, the ring shaped base and dome like structure define an amusement area for the participants; a plurality of water carrying lines being placed inside the amusement area, the each water line includes at least one opening for providing splashing path to the water inside the amusement area; a plurality of lighting means being placed inside the amusement area to illuminate the amusement area; a plurality of disco lights, Beam Lights, Strip Lights, Laser beam lights, Disco Floor, Ceiling lights, Mounted fountains, entrance fog effect etc. water jets, sprinklers; music system fixed inside the amusement area in a waterproof manner; a support structure having base and an elongated portion fixed on the base, the ring shaped base defining the amusement area rests on the elongated structure; and at least one ladder like structure for enabling the participants to reach the amusement area from the base of support structure; temperature control system in water as well as air inside the amusement area with fan provided in different location for cyclonic effect.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2012

(21) Application No.3435/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : REAL TIME TRAFFIC UPDATES BY VEHICLE DRIVERS USING MOBILE TECHNOLOGY

(51) International classification	:G06F17/60	(71) Name of Applicant : 1)BHALINGE AADHAR RAJAN Address of Applicant :201, B WING, DHEERAJ GAURAV HEIGHTS, TOWER 2, NEW LINK ROAD, ANDHERI (W), MUMBAI-400053, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Real time traffic updates can be obtained using mobile application and human intelligence i.e. manual input to the mobile application by Rickshaw/Taxi/Private Vehicle/Any Vehicle drivers and this traffic data can be used by navigation maps (like Nokia Maps, Google maps, etc.), government traffic department, traffic information providers and other entities requiring traffic data. In addition to traffic data, landmark and tourist hot spot updates can also be provided using the same system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/11/2012

(21) Application No.3314/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTI CUTTING EDGE DEBURRING BLADE/TOOLS.

(51) International classification	:B26D1/00	(71) Name of Applicant : 1)PURAV, CHETAN PRABHAKAR Address of Applicant :15, NIRAJ INDUSTRIAL ESTATE, OFF. MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI - 400 093, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)PURAV, CHETAN PRABHAKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a multi cutting edge deburring blade/tool which has multiple segments of cutting edges giving more than one effective cutting edge portion in this blade/tool. In this invention, a single blade can have different geometric shapes of the cutting edge portions on the same blade enabling deburring of different types of material applications from different cutting edge portions of the same blade. This new blade/tool can be made of cutting tool materials like HSS, carbide, ceramic and others. The total life of this blade/tool is the sum total of the life from each segment of the cutting edge thus making it extremely cost effective.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/04/2012

(21) Application No.1611/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR MANPOWER RECRUITMENT

(51) International classification	:G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LETS CORP (S) PTE LTD, SINGAPORE

Address of Applicant :81, CLEMENCEAU AVENUE, #04-15/16 UE SQUARE, SINGAPORE 239917 Singapore

(72)**Name of Inventor :**

1)SHRAVAN CHARYA

(57) Abstract :

The invention relates to a method for manpower recruitment for sorting a set of job seekers resume according to their relevance to a job employer. The method involves matching an absolute target job match score value on the basis of match scores. The job employer would be able to specify the level of importance attached to a particular preference and set out a Relative-Importance to a preference metric or a group of preference metrics by specifying the scales to other preferences or to a group. The job preference match calculation is conducted such that target job preference match (PM) within the particular subset of each of the job seeker is where, k is a particular preference metrics, w is a weightage, v is a Boolean value, PM is in the range 0-1 such that the PM is = 1 when job seeker profile matches with the particular metric of the job employer and PM=0 when the job seeker profile is completely incompatible with the particular metric of the job employer. Based on the PM value absolute job match is determined.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2021/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RAPID DIAGNOSIS OF BILIRUBIN IN NEONATAL JAUNDICE BY STRIP METHOD

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

(71)Name of Applicant :

1)SARANYA.K

Address of Applicant :GOVERNMENT ARTS COLLEGE,
BIO PROCESS UNIT, COIMBATORE - 641 018 Tamil Nadu
India

2)SARANYA R. RAVI. D

(72)Name of Inventor :

1)SARANYA.K

2)SARANYA. R RAVI.D

(57) Abstract :

Neonatal Jaundice is a yellowing of the skin and other tissues of a newborn infant. About 60% of newborn infants are jaundiced ,that is they look yellow. Jaundice can often be seen well in the sclera, the whites of the eyes,which look yellow. Infants with neonatal jaundice are treated with coloured light called phototherapy. Phototherapy works through a process of isomerisation that changes trans- bilirubin into the water-soluble cis-bilirubin isomer. In Phototherapy, blue light is typically used because it is more effective at breaking down bilirubin. The efficiency of the treatment was measured by the rate of decline of serum bilirubin, which in excessive amounts causes jaundice, concentration after 6, 12, 24 hours of light exposure. A more rapid response was obtained using the blue lamps than the green lamps. However, a shorter phototherapy recovery period was noticed in babies exposed to the green lamps. This current studys main objective is to find out the bilirubin level in serum with reaction of fouchets reagentIn these contexts the present study standardized the appearance of light greenish blue colour to blue colour (which indicates different stages of jaundice by bilirubin count) in the strip with a drop of serum and indicator fouchets reagent

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2233/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AN IMPROVED METHOD FOR MANPOWER RECRUITMENT

(51) International classification	:G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LETS CORP (S) PTE LTD, SINGAPORE

Address of Applicant :81, CLEMENCEAU AVEUE, #04-15/16 UE SQUARE, SINAPORE - 239 917 Singapore

(72)**Name of Inventor :**

1)SHRAVAN CHARYA

(57) Abstract :

Finding an employee can be a difficult and time-consuming task for a job employer.. Moreover, conventional job hunting websites fail to provide any guidance to assist the job seeker to obtain a good and suitable job employer that actually matches the individuals career goals with the employers demand and vice versa. Therefore, an improved system and method for job seeker actual need and employers actual need has been envisaged in the present invention. A plurality of particular preferences metrics (K) specified within a particular preference subset relevant to the second type entities, a weight age (W) of each of the determined set of particular preferences and corresponding weight age of each of the determined set of particular preference subset, a Boolean value (V) for each of the determined set of particular preferences, The list of job employers may not be presented in a manner that allows the job-seeker to efficiently navigate the results and determine which job employers are most relevant to the job seeker. Therefore, an improved system and method for job seeker actual need and employers actual need has been envisaged in the present invention. Where in PM is in the range 0-1 such that the PM is = 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2012

(21) Application No.1575/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POWER GENERATION THOUGH TRAIN WHEELS

(51) International classification	:F03G	(71) Name of Applicant : 1)JAISANKAR.V Address of Applicant :S/O. VELAIYAGOUNDER, GANDHI NAGAR, SAMALPATTI (PO), KRISHNAGIRI - 635 306 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)JAISANKAR.V
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 :

Power generation through a electric locomotive train wheels, is the best way to produce electricity, using cam shafts and pinion gear wheels to run the main system of design, our newly innovative modified shafts are connected with main and sub circuit diagram as in the same principle like electric locomotive train, it will give a constant amount of output like 100MW.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/08/2011

(21) Application No.2805/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AUTOMATED TSUNAMI TEST RIG

(51) International classification	:G06F, G05B	(71) Name of Applicant : 1)NATIONAL INSTITUTE OF OCEAN TECHNOLOGY Address of Applicant :MINISTRY OF EARTH SCIENCES (MOES), NIOT CAMPUS, VELACHERY-TAMBARAM MAIN ROAD, NARAYANAPURAM, PALLIKARANAI PO, CHENNAI 600 100 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)TATA SUDHAKAR
(61) Patent of Addition to Application Number	:NA	2)SHIJO ZACHARIA
Filing Date	:NA	3)T. THAMARAI
(62) Divisional to Application Number	:NA	4)V. GOWTHAMAN
Filing Date	:NA	5)DR. M.A. ATMANAND

(57) Abstract :

The Tsunami Test Rig consists of a host computer, motion controller, motor, encoder, frame for equipment under test, water tank and power backup. Pre recorded Tsunami event data is fed to the computer. The computer has a Graphical User Interface for setting up various parameters for the test and data logging. The motion controller receives data input from the computer via Ethernet link and controls stepper motor with feedback of position encoder. The system under test moves up and down inside the water tank. The system works on battery for 8hrs on battery power back. The battery is charged from the ac power line. The power backup enables user to run records interrupted.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4672/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR DATA DE-DUPLICATION IN STORAGE DEVICES

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

(71)Name of Applicant :

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd 50-53 Greams Road Chennai- 600006 Tamil Nadu India

(72)Name of Inventor :

1)Kadari Subbarao Sudeendra Thirtha Koushik

(57) Abstract :

A method and system for data de-duplication in storage devices is disclosed. The method scans for the content within the storage device. When the method obtains all the content within the storage device it checks for the duplicate content in the storage device. The method identifies duplicate content based on two criteria which include parametric level and Meta data level. The method switches to Meta data level when the method fails to identify duplicate content in parametric level. Further the method obtains the input from user to delete or retain the duplicate content. If the user provides a confirmation for deleting the duplicate content the method deletes the duplicate content.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4673/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CONSUMER DEVICE INTELLIGENT CONNECT

(51) International classification	:H04L, G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd 50-53 Greams Road Chennai- 600006 Tamil Nadu India

(72)Name of Inventor :

1)Kadari Subbarao Sudeendra Thirtha Koushik

(57) Abstract :

A method and system provides a Consumer Device Intelligent Connect (CDIC) to create awareness of presence of multiple devices with the user under-one-roof or on-the-move is disclosed. The method disclosed enables the user to pre-register the devices on a user database of a CDIC server. The CDIC server identifies active devices in the communication network along with their geographical locations from the list of pre-registered devices. The CDIC server then intelligently processes the stored information and provides this information to the media server. The information provided by CDIC server enables media servers to develop user interactivity deploy monetization services such as advertising user feedback and so on using the ubiquitous multiple devices of the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4674/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MONITORING AND CONTROLLING OF VALVES IN INDUSTRIAL PROCESS CONTROL AND AUTOMATION USING NFC

(51) International classification	:H04L, G05B	(71) Name of Applicant : 1)HCL Technologies Limited Address of Applicant :HCL Technologies Ltd 50-53 Greams Road Chennai- 600006 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)Gopi Krishna Durbhaka 2)Arvind Kumar Maurya 3)Dhanyamraju S U M Prasad
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A system and method to monitor and control the valves in industrial process control and automation using Near-Field Communication (NFC) is disclosed. The system comprises a NFC-Equipment Interface Unit (NFC-EIU) to acquire parameters from the valves through a port and send the parameters to any handheld device by NFC for analysis. The NFC-EIU on receiving the analysis results from the handheld device can control the valves too.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4675/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AN ACCESSORY FOR DATA ACQUISITION AND DATA TRANSFER TO AN EXTERNAL DEVICE

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd 50-53 Greams
(33) Name of priority country	:NA	Road Chennai- 600006 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Mahesh Subramaniam
(87) International Publication No	: NA	2)Jamuna Rani Balu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method to acquire data from a sensor and transfer the data to an external device is disclosed. The sensor retrieves data that corresponds to vibration or pressure and send the millivolt (mV) signal to an accessory. The accessory acquires the data will be much more cost effective compared to dedicated instruments to acquire data and analyze data in itself. The external device collects data and can email the data or sent to cloud due to ready interface from the external device. More advanced calculations can be performed on cloud and results sent back to the external device for detail analysis. The invention provides such back and forth analysis using the accessory.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4676/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR PROVIDING CUSTOMIZED POINT OF CARE TESTING

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

(71)**Name of Applicant :**

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd 50-53 Greams Road Chennai- 600006 Tamil Nadu India

(72)**Name of Inventor :**

1)Shyam Thangaraju

2)Siva Sakthivel Sadasivam

(57) Abstract :

A method system and device for providing Point of Care Testing (POCT) are disclosed. The POCT comprises of a device that enables the patient to self conduct plurality of diagnostic tests for a chronic disease such as diabetes mellitus. The method is modular and enables the user to select set of tests from comprehensive list of diagnostic tests. The device provides a strip port to enable testing of various biochemical parameters. Also the device comprises an ophthalmoscope with a built-in camera to capture images of the retina a set of piezoelectric sensors for measuring pulse wave velocity (PWV) a pair of electrodes for measuring skin impedance. The method enables the device to log on the test data for future use and analysis. The device can be used for frequent monitoring of health parameters of a user suffering from diabetes mellitus.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2010

(21) Application No.3040/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : GRAVITY MOTOR CUM ELECTRICITY POWER PRODUCER

(51) International classification	:H02K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)P. CHANDRA MOHAN

(57) Abstract :

In this world, anything that thrown are attracted by the earth due to gravity power. So the weight of any thing decided by density and structure. The instrument is formed in the structure that a iron bar is placed vertically i.e. 90° perpendicular to the earth. In two sides of this bar, ranging from 10 to the many number of weights as needed. The weights in the right side are facing outside and in the left side the weights are facing inside and near to the centre point. The weights used are fixed like they can rotate freely. As the bar is 90° perpendicular to earth the levers law and elevation from the centre point are working. So that there exists a pressure in the right side. At the same time in the left side it goes to the up side. When this happens continuously, there made a continuous rotation. This can be used as motor. Electricity can be produced connecting dynamo to the centre axil.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2012

(21) Application No.4623/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ENTERPRISE DISTRIBUTED FREE SPACE FILE SYSTEM

(51) International classification	:H04L, G06F	(71) Name of Applicant : 1)HCL Technologies Limited Address of Applicant :HCL Technologies Ltd. 50-53 Greams Road Chennai 600006 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 :
Filing Date	:NA	1)Simy Chacko
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for effective utilization of free space in electronic devices with a non-volatile memory across an enterprise is disclosed. The enterprise distributed free space file system disclosed herein comprises a central server and multiple nodes with an agent in each node. The agent creates hidden blocks of configurable sizes in the free spaces of each electronic device and reports the availability of blocks to the central server. The central server encrypts the content to be stored in the blocks and generates an encryption key for each block. The encryption keys are randomly generated and stored in the database of the central server. The encrypted content is invisible to the owner of the electronic device. The encryption key is not shared with nodes or any other system. Further the stored content in the free spaces can be accessed only through the central server.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5057/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PASSENGER MANAGEMENT SYSTEM

(51) International classification	:G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd.50-53 Greams Road Chennai Tamil Nadu India

(72)Name of Inventor :

1)Kadari SubbaRao Sudeendra Thirtha Koushik

(57) Abstract :

A system and method for passenger/user management in an environment is disclosed. The system provides tag enabled material to the passengers and multiple readers are located in the environment to track the location of the passengers within the environment. The reader communicates the tracked location to the management device in the environment. The system provides a simple and efficient way to track passengers within an airport terminal and on-board. The system offers better airport operations and passenger experience and provides cost savings to airlines due to reduced number of flight delays. The management device tracks the passengers using Wi-Fi GSM Personal Address Displays to provide alert to the passenger for any services.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4707/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : Method and system for risk and constraint based pricing model of a catalog service to assess enterprise network transformation

(51) International classification	:G06Q	(71) Name of Applicant : 1)HCL Technologies Limited Address of Applicant :HCL Technologies Ltd 50-53 Greams Road Chennai- 600006 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 :
Filing Date	:NA	1)Mukta Agarwal
(87) International Publication No	: NA	2)Shashidhar K
(61) Patent of Addition to Application Number	:NA	3)Shailender Govil
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for risk and constraint based pricing model of a catalog service to assess enterprise network transformation. The embodiments herein disclose a method and system for risk and constraint based pricing model of a catalog service to assess the enterprise network transformation. The pricing of the effort is estimated by counting the effort to fulfill a service request and adding the total cost of the tool used to execute the service. The comprises of two price points which are factored with size of enterprise stack along with constraints and risk related to the enterprise information. The pricing engine running on processor interfaces with the network for communicating with its sub-processing units. The pricing engine running on processor interfaces with user through the software defined user interface through its hardware Input/output module.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2012

(21) Application No.4949/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMIC COMPRESSION OF IMAGES

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

(71)**Name of Applicant :**

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd. 50-53 Greams Road Chennai Tamil Nadu India

(72)**Name of Inventor :**

1)Kadari Subbarao Sudeendra Thirtha Koushik

(57) Abstract :

The invention provides a method for temporal compression of one or more images. The method includes receiving the one or more images performing temporal compression on the one or more images and generating one or more compressed images using the temporal compression.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2012

(21) Application No.5078/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD TO PROVIDE A REAL-TIME LIVE INTERACTION BETWEEN A CELEBRITY AND AN AUDIENCE

(51) International classification	:H04L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:4542/CHE/2012
Filed on	:31/10/2012
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)VIKRAM RAJU SAYYAPARAJU

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HYDERABAD-500033 ANDHRA PRADESH INDIA.

(72)**Name of Inventor :**

1)VIKRAM RAJU SAYYAPARAJU

(57) Abstract :

System and method for facilitating real-time interactive session between celebrity and the audience wherein computing environment application framework platform is provided to the audience in order to have the real-time interactive session facilitated where in the platform provides audience with an integrated gateway which may be not limited to voice and video calls; virtual or physical gifts by users; celebrity videos and photos; private chat and private group chat and public chat rooms and video and voice message for events like birthdays anniversaries openings etc. may be purchased by any user on behalf of any other users or for himself. Further the computing environment may be an online environment a mobile environment a web-based environment a television environment; a radio environment; a wireless communications environment from a cellular phone or mobile phone or smart phone smart tabs tabs pads or ipad or from landline phones or a general computing environment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.5219/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SOLAR THERMAL AND PHOTOVOLTAIC INTEGRATED HYBRID PARABOLIC TROUGH

(51) International classification	:H01L, F24J	(71) Name of Applicant : 1)PAMATE CHALAVARAJ PREMRAJ Address of Applicant :#843/A, 100 FEET ROAD, 1ST STAGE, INDIRANAGAR, BANGALORE - 560 038 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)PAMATE CHALAVARAJ PREMRAJ
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 Solar Thermal and Photo Voltaic Integrated Hybrid Parabolic Trough is an invention that incorporates Photo Voltaic Panels in the frame of the Parabolic Trough. The PV Panels are placed at a particular angle so as to receive the light from the receiver tube and from the normal radiance of the sun. There is a lot of light being emitted by the receiver tube in a regular parabolic trough, this light is usually wasted. I have incorporated PV Panels in the line of emission to ensure than the emitted light is absorbed by the panels and this also increases the performance of the PV Panels. The PV Panels do not interfere in the solar thermal power production process and the performance of the parabolic troughs. I have also placed PV Panels at the outer ends of the parabolic trough. The PV Panels will move along with the parabolic trough and track the sun through the day. As there is a lot of heat involved, I have strategically placed a solar driven cooling fan above the PV Panels. This will help in cooling the PV Panels and will boost their performance. Thus, I have created a design where there is maximum utility of the radiance which results in increase in output. Tracking is also simplified in my invention. The tracking is done using a steel cable that holds and aids in the movement of the parabolas while tracking the sun. The parabola is pulled from the bottom by means of 10mm steel cable in Sun Dial real time tracking. The entire parabolas movement is known as planetary movement. It requires very low torque. The use of both concentrated solar power application in terms of a parabolic trough and utilization of Photo Voltaic Panels makes my invention Hybrid. With my invention there is more power generated in the same space. More over the power derived from the PV Panels will be used to drive the entire tracking system. Thus there is no extra need for electricity and the entire project is renewable.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.5220/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DUAL PRINCIPLE STEEL CABLE TRACKING SYSTEM

(51) International classification	:H01L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PAMATE CHALAVARAJ PREMRAJ

(57) Abstract :

The Dual Principle Steel Cable Tracking System tracks both the Photovoltaic Panels and the Booster Mirrors along the radiance of the sun. This system interlinks all the Photovoltaic arrays and drives it with the help of a steel cable. The steel cable helps the Photovoltaic Panels and the Booster Mirrors in movement while tracking and also holds them in position. In the Dual Principle Steel Cable Tracking System, maintenance is very less and there is low consumption of water for cleansing. This is because after sunset the PV Panels and Booster Mirrors are in a vertical position to prevent any dust or matter settling on the surface. This is important as any settlement on the panels could detriment productivity. An additional feature is that in case of high wind velocity the tracking system will send the Photovoltaic Panels and the Booster Mirrors to resting position to prevent any damage to the panels. The Dual Principle Steel Cable Tracking System can be applied for 36 kilo watts to 1 mega watt of PV installations with Booster Mirrors.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.5225/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ORAL TEACHER TOOTH BRUSH

(51) International classification	:A46B	(71) Name of Applicant : 1)CHAPARALA SRI DEVI Address of Applicant :FLAT NO.16, PUJITA APARTMENTS, PATAMATA, VIJAYAWADA, PIN 520 010 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	
(87) 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 Oral teacher tooth brush is a mechanical and electronical tooth brush. It comprises 2 parts, part A(5) and part B(23) join together as detachable. Part A: it consists of pressure warning mechanical system, while brushing when we apply less pressure on teeth a LED emits blue light. When we apply high pressure on teeth a LED emits red light and when we apply correct pressure on teeth a LED emits green light. So it indicates we should brush our teeth on green light. The mechanism: it is a see-saw like system, just 1 inch before the back of the bristle handle a horizontal cylinder is there(3)it is fixed in the circular holes of part A portion side walls movably(4). The cylinder back portion is called Bar(6), a metal boll is placed in the Bar(8)which is pushed by a spring(7)then the boll touches its opposite 3 metal plates placed in an half circular shape(10,11,12)which are connected 3 wires from Electronically assembled PCB (w1,w2,w3) and the(w)wire from the E A PCB connected to the spring in the Bar (7). There is a spring placed under the Bar which gives spring action to the bristle handle (9).When the boll connected to different metal plates while brushing different color lights emits. Part B: It consists of a EAPCB(23) which operates LEDs and talking system, a pre recorded voice IC (8820) in the E A PCBFIG-4, gives output, amplifies (lm 386) it and come out from the speaker, Speakers may be water proof or wireless or ear phones(20,21,22).Battery or Rechargeable battery socket with cap (24).A power on/off button(16) The 3 voices delivers by pressing 3 buttons (17,18,19)., 1st 1 to 16 paragraphs speech followed by music, 2nd 17 to 32 paragraphs speech followed by music,3r only 16 different musics are played each app. 8 seconds. The speech consists 1 sequence of brushing 2 brushing techniques 3 complete oral problems and their solutions 4 indicating time to brush each side of the total teeth set by changing of musics 5 playing music for entertainment 6 while brushing pressure warning system also operates.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2012

(21) Application No.4610/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A WATER PROOF LED ARRAY LIGHTING SYSTEM FOR OCEANOGRAPHIC APPLICATIONS

(51) International classification

:F21V

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

- 1)D. MUTHUKUMARAN**
 - 2)V. DOSSPRAKASH**
 - 3)A. VADIVELAN**
 - 4)S. ELANGOVAN**
 - 5)E. CHANDRASEKARAN**
 - 6)M. MURUGESAN**
 - 7)M. RADHAKRISHNAN**
-

(57) Abstract :

The invention pertains to a water proof LED array lighting system for oceanographic applications having one or plurality of light emitting diodes positioned inside high compressibility resin moulds in high hydrostatic pressure environment. The LED lens combinations enabled directing light in water, where beaming light in under water, where a high ambient hydraulic pressure exists.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5046/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INSTRUMENT AND METHOD FOR PROVIDING NON INVASIVE BLOOD GLUCOSE MEASURMENT

(51) International classification	:A61B5/145	(71) Name of Applicant : 1)SUNNY SHARMA Address of Applicant :C 3/5, AAI RESIDENTIAL COMPLEX, MEENABAKKAM, CHENNAI 600 027 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SUNNY SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A non invasive blood glucose monitoring device which utilizes 640nm, 940nm, 1200nm, 1450nm wavelength LEDs to determine the blood glucose level. A corresponding Si or Ge or InGaAs detector is used in reverse bias condition to detect the amount of light absorbed by the skin. The detector and LEDs are strategically placed in a clip which is attached to the lobule region of the human ear. The output of the photodetector is given to the instrumentation amplifier which amplifies the input signal to the desired gain level. The algorithm developed for multiple individual customization, decides which LED data is to be taken based on the signs encountered (for example + - +) in the algorithm. Then the signal acquired from the photodetector is mapped to the invasive laboratory blood glucose results with the help of a database present inside the micro controller for that particular sign encountered during the execution of the algorithm. In the case of individual customization, the user has to input a minimum of four invasive laboratory blood glucose results and simultaneously acquire four readings from the non invasive device. The algorithm creates a map between the invasive and non invasive results. Then the glucose levels are displayed on a display. The non Invasive Blood glucose meter has an accuracy of greater than 90%.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2012

(21) Application No.5070/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : GAZE CONTROLLED CONTEXTUAL WEB SEARCH

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

(71)Name of Applicant :

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd. 50-53 Greams Road Chennai 600006 Tamil Nadu India

(72)Name of Inventor :

1)Arindam Dutta

2)Akhilesh Chandra Singh

(57) Abstract :

The embodiments herein relate to web searches and more particularly to a gaze controlled approach to automate web search. The system identifies coordinates of the display unit the user is gazing at at each instance of time and forms corresponding gaze vectors. Further data displayed on the display unit is grouped into different semantic zones; with each semantic zone having different coordinates. By comparing coordinate information in the gaze vector and each of the semantic zones the system identifies semantic zone the user is gazing at. Further from the identified semantic zones the system identifies a subject of interest for that user. A search is performed in the associated databases with the subject of interest as the key and the results are displayed to the user.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2012

(21) Application No.4677/CHE/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR ESTABLISHING A SOCIAL NETWORK BASEDCOMMUNICATION IN A REAL ESTATE ECOSYSTEM

(51) International classification	:G06Q	(71) Name of Applicant : 1)Pasupuleti. Koteswara Rao Address of Applicant :Flat No. 404 Ganasai Grandeur Apartment Saleemnagar Colony Malakpet Hyderabad 36 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for establishing a social network based communication in a real estate ecosystem are disclosed. The system including a login module for authenticating and identifying a type of login corresponding to the real estate ecosystem at least one location based server in communication with the login module for listing a real estate information of a current location in the personalized account page of the login a real estate data base module comprising: a location based customer database realtors database service providers database and suppliers database in communication with the location based server a real estate data search engine in communication with the login module enables the login to search for prerequisite data associated to the real estate ecosystem in a login specified location and a real estate social networking module for enabling a login to connect with the individual and the entity corresponding to the real estate ecosystem.

No. of Pages : 49 No. of Claims : 27

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.1734/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/06/2011

(43) Publication Date : 28/12/2012

(54) Title of the invention : HIGH PERFORMANCE FOCAL ABSORBER FOR DISH CONCENTRATOR OF IMPERFECT OPTICS.

(51) International classification

:B23B

(71)**Name of Applicant :**

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PRADESH SECTOR 125, NODIA-201301, Uttar Pradesh India

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The invention provides a high performance focal absorber for dish concentrator of imperfect optics by the integration of cavity absorber and secondary concentrator characteristics in the same configuration. The concentrator is provided by suitably reshaping the absorber into a rhombic frustum configuration and providing the thermal storage around the phase change interface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.1735/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVELOPMENT OF PREBIOTICS BASED ON PLANT EXTRACTS FOR PROPHYLAXIS AND MILD THERAPEUTICS.

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA -201303, Uttar Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HARISH CHANDRA GOEL
(87) International Publication No	:NA	2)INDU RAWAT
(61) Patent of Addition to Application Number	:NA	3)DHARA SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses the development of prebiotics based on plant extracts of the species comprising Cucurbita pepo, Lagenaria siceraria and Luffa cylindrica for nutritional augmentation and enhancement of immuno-competence and control of pathogen. The extract is prepared from the plants selected from the family of Cucurbitaceae that help the probiotics in dominating the mixed population of enteric microbes. This is an important mechanism to help prophylaxis against enteric infections.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1756/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A NATURAL-SOURCE BASED BIOPESTICIDE FORMULATION FOR EFFECTIVE BIOCONTROL AND THE PROCEDURE FOR SYNTHESIZING THE SAME

(51) International classification	:B23B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filed on	:
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

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COMPLEX LODI ROAD, NEW DELHI 110003 India

(72)**Name of Inventor :**

1)DR. NUTAN KAUSHIK

(57) Abstract :

The present invention pertains to the field of pesticidal control and pest control management, for ensuring an actual and effective controlling of pests and pest populations that are known to be having a detrimental effect on all aspects of human life and human activities. The invention by means of developing a biopesticide formulation of natural origin has the potential of providing a window of hope not only on the issue of environmental concerns associated with the chemically synthesized pesticides but also on the issue of long term human health, without compromising on the pest controlling attributes. The invention focuses on the developing of these biopesticide formulations that are known to possess pesticidal properties and are derived from natural sources having biological origin, such as plants of genus Eucalyptus. The invention more particularly describes the developing and synthesis of these novel biopesticide formulations of natural origin, the genus Eucalyptus in particular, which are possessing pesticidal attributes along with other pharmaceutically important attributes so as to also have the capability of serving as the user friendly and environment friendly biocontrol agents of modern times.

No. of Pages : 38 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1772/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : Fast Service Change

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NDS Limited
(32) Priority Date	:NA	Address of Applicant :One London Road Staines Middlesex
(33) Name of priority country	:NA	TW18 4EX England. U.K.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MEDAPATI Arun Kumar
(87) International Publication No	: NA	2)CHHABRA Amit
(61) Patent of Addition to Application Number	:NA	3)CHANDUPATLA Srinivas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus is described to achieve a fast service change. The meG06Fthod includes: receiving a plurality of transport streams at a client device, each transport stream including a plurality of services; playing out a service from the plurality of services; storing a portion of at least one service from the plurality of services in a storage device; receiving a request for displaying a different service; identifying a stored portion of the different service; playing out the stored portion of the different service at a faster than real time speed; storing a subsequent portion of the different service in a storage device, the subsequent portion corresponding to a subsequent portion of the different service received during the playing out the stored portion of the different serviced and playing out the subsequent portion of the different service for display upon completion of the playing out the stored portion.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1747/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FE(III) COMPLEX OF BIURET-AMIDE BASED MACROCYCLIC LIGAND AS PEROXIDASE ENZYME MIMIC

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)SAYAM SENGUPTA

2)CHAKADOLA PANDA

3)MUNMUN GHOSH

(57) Abstract :

The present invention discloses metal (III) complex of a biuret-amide based macrocyclic ligand as green catalysts that exhibit both excellent reactivity for the activation of H₂O₂ and high stability at low pH and high ionic strength. The invention also provides macrocyclic biuret amide based ligand for designing of functional peroxidase mimics. Further, the present invention discloses synthesis of said metal (III) complex of a biuret-amide based macrocyclic ligand.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1793/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LIGHT WEIGHT HIGH ELECTROMAGNETIC INTERFERENCE (EMI) SHIELDING MATERIAL BASED ON CARBON NANOTUBES REINFORCED POLYMER COMPOSITES

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

(71)Name of Applicant :

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(72)Name of Inventor :

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2)GARG PARVEEN
3)PANDE SHAILAJA
4)MATHUR RAKESH BEHARI
5)SAINI PARVEEN
6)DHAWAN SUNDEEP KUMAR**

(57) Abstract :

The present invention relates to the development of light weight carbon nanotubes (CNT) reinforced polymer composites in the form of composite for electromagnetic interference (EMI) shielding applications. The invention also provides a method for the development of such EMI shielding materials using a novel dispersion technique for higher loading of CNTs. This technique enables up to 50 wt% of CNTs to be uniformly dispersed in the polymer. Such high loadings result in achieving high EMI shielding effectiveness of up to 80 to 105 dB in X-band (8.2-12.4 GHz) and Ku-band (12.4-18 GHz). These composite primarily behave as EMI shielding material making them available as shielding materials for a variety of applications such as radar absorption material and for shielding of electronic equipments, medical instruments etc. In addition to having high EMI shielding properties, these composites are strong, light weight (density in the range 1.2-1.3 g/cc), flexible and corrosion resistant. This makes these CNT-polymer composites more advantageous than metals and other carbon-based polymer composite materials as EMI shielding materials in range 8.2-18 GHz covering X and Ku band of the electromagnetic spectra.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1801/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AN OPTICAL QXQ SWITCH FOR FAULT TOLERANT ROUTING OF DATA COMMUNICATION

(51) International classification	:G01H
(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)RANGACHARI GOPALAN SANGEETHA

2)NEHA SHARMA

3)DEVI CHADHA

4)VINOD CHANDRA

(57) Abstract :

The invention relates to an Optical qxq switch for fault tolerance routing of data communication comprising a plurality of nodes and a plurality of interconnects selectively coupling the nodes in the interconnect structure having qxq input/output links, in particular 4x4 optical data vortex switch, thereby increasing the bandwidth of the interconnection network in addition to the spreader for sending data between computers of the high performance parallel system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1802/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AN IMPROVED BINDING MATERIAL FOR INCENSE STICK (AGARBATTI).

(51) International classification	:B23B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

This invention relates to an improved binding material for incense stick (Agarbatti) comprising of gum, charcoal and sawdust. The binding material is effective by utilizing abundantly available and forest/agro based raw materials. Further, it is cost effective. It also saves the endangered/extinct Machilus macrantha and Litsea chinensis, which was used in the prior art.

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)VINEET KUMAR

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1803/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : JEWEL PIECE MANUFACTURING SYSTEM

(51) International classification	:B23B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)VALMIK MUNDKUR

(57) Abstract :

An automatic method and device to manufacture jewelry is disclosed. Pre-calibrated metal is fed into metal melting means with the help calibrated metal feeding means. The molten metal is then conveyed to an extrusion chamber provided to facilitate extrusion of the metal into the shapes of the required cross sections by selecting and using extrusion grids. The metal crystals are marked with the identifying means during crystallization. The extruded metal is then conveyed to shaping and metal forming chamber so as to form parts needed to manufacture the jewelry. Filing and machining the formed parts / motifs is done with the help of different tools and computer aided instructions. The stones are evaluated and then subjected to the steps of cutting and polishing to get stone in the finished form for use in jewelry such that to provide maximum brilliance of the stone. The parts / designed motifs are then assembled and soldered to get the designed piece of the jewelry. The metal dust and stone shavings are collected separate by refining means so as to recycle the metal and to obtain stone shavings for use in the beauty enhancing products

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/1997

(21) Application No.1559/DEL/1997 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CLEANING DEVICE FOR AN AUTO-WINDER

(51) International classification	:B65H 54/70	(71)Name of Applicant : 1)MURATA KIKAI KABUSHIKI KAISHA Address of Applicant :3, MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601, Japan
(31) Priority Document No	:8-198276	
(32) Priority Date	:08/07/1996	
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)HIROSHI MIMA 2)YASUNOBU TANIGAWA 3)YOUICHI NAKAMURA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A cleaning device for an auto-winder of which a plurality of winding units are arranged in series, having a blowing hole arranged on each and every winding unit and which blows cleaning air towards the winding unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1769/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POWER EXTRACTION FROM PHOTOVOLTAIC POWER SOURCES

(51) International classification	:H02
(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 :DEAN RESEARCH & DEVELOPMENT, 255, FACULTY BUILDING, IIT KANPUR, KANPUR- 208016, Uttar Pradesh India

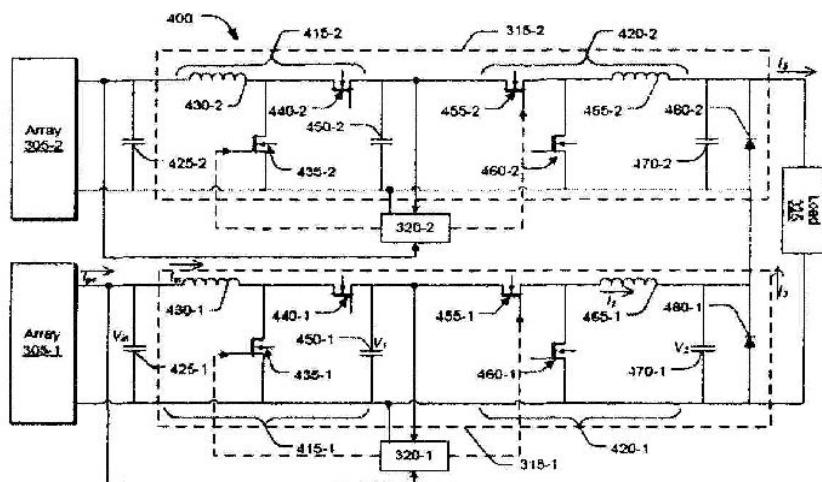
(72)Name of Inventor :

1)SENSARMA, PARTHA SARATHI

2)GAUTAM, VASAV

(57) Abstract :

The present subject matter is directed towards a method and a power extracting device for extracting power from a photovoltaic power source. In one embodiment, the power extracting device is coupled to the photovoltaic power source and includes at least one junction unit (315) and at least one control unit (320, 500) coupled to the junction unit (315). The junction unit (315) includes at least one step-up converter (415) followed by a step-down converter (420), wherein output terminals of the step-up converter (415) are coupled to input terminals of the step-down converter (420). The control unit (320, 500) is to control operation of at least one of the step-up converter (415) and the step-down converter (420) based at least on a terminal voltage across the power source (305) and a reference voltage.



No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1771/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR CONTEXTUAL AND COLLABORATIVE KNOWLEDGE GENERATION AND MANAGEMENT THROUGH AN INTEGRATED ONLINE-OFFLINE WORKSPACE

(51) International classification	:B23B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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COLONEL GANJ, ALLAHABAD 211002 Uttar Pradesh India

(72)Name of Inventor :

1)ADITYA WATAL

(57) Abstract :

The present invention discloses a computer-implemented online-offline workspace and method for creating, developing, storing, and managing digital content within a contextual and shared knowledge network. The invention includes a central service facility that provides an online platform for the users to work in a context-based and shared knowledge environment through a user interface on a wide range of user access devices. The online platform is embedded with a plurality of applications to allow the user to capture, create, develop, store, process, share, distribute, retrieve, reuse, and manage digital contents containing any one or a combination of the following: text, graphics, audio, video, whole or portions of web-pages and web-links. The invention further includes an end-user facility providing an offline platform that gets synchronized with the online platform upon detection of a secured communication network.

No. of Pages : 45 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1806/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTI-MODE BARCODE RESOLUTION SYSTEM

(51) International classification	:G06K7/10	(71) Name of Applicant : 1)VERISIGN, INC. Address of Applicant :21355 RIDGETOP CIRCLE, DULLES VA 20166 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)GOYAL NEEL 2)KELLY PATRICIA 3)DASH PRANAB KUMAR 4)SCHONFELD DANIEL
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for generating and resolving multi-mode barcodes comprise: inputting graphical data representing a barcode pattern into memory; translating the graphical data into barcode information according to a standard for translating a particular type of barcode pattern into barcode information; detecting the presence of multiple, distinct data items of different types in the barcode information, wherein each data item specifies an action to be taken by the scanning device; identifying a data item in the barcode information for which the scanning device is capable of taking the action specified by the data item; and performing the action specified by the data item.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7319/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYNERGISTIC COMBINATIONS OF ACTIVE INGREDIENTS

(51) International classification	:A01N 43/40
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/002170
Filing Date	:25/03/2009
(87) International Publication No	:WO 2010/108507
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)PETER JESCHKE

2)ROBERT VELTEN

3)HEIKE HUNGENBERG

4)WOLFGANG THIELERT

(57) Abstract :

The present invention relates to novel active compound combinations comprising, firstly, at least one known compound of the formula (I) in which R1 and A have the meanings given in the description and, secondly, at least one further known active compound from groups (2) to (27) listed in the description, which combinations are highly suitable for controlling animal pests such as insects and unwanted acarids and also phytopathogenic fungi.

No. of Pages : 156 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1810/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS AND INSTALLATION FOR SUPPLYING GASEOUS CARBON MONOXIDE BY CRYOGENIC DISTILLATION

(51) International classification

:C01B3/50

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

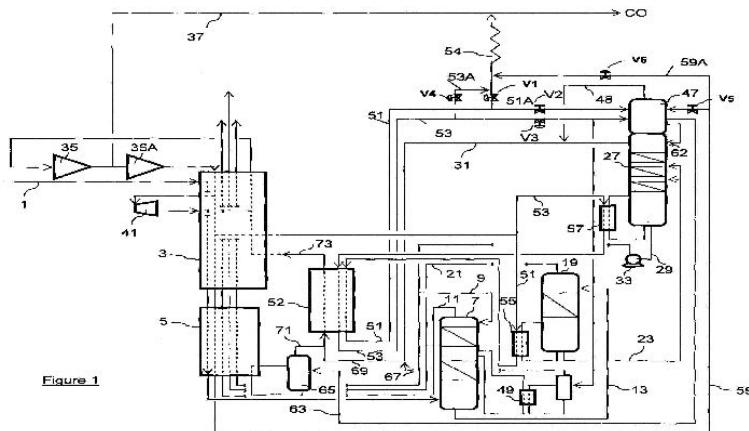
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Filing Date

:NA

(57) Abstract :

In a process for supplying gaseous carbon monoxide by cryogenic distillation, a feed gas (1), containing carbon monoxide as at least one of its principal components and at least one other components chosen from methane, nitrogen and hydrogen, is purified using an adsorption step in one of at least two adsorbent beds (3) to produce a purified feed gas to be sent to the separation unit comprising at least one distillation column (7, 19, 27), the separation unit separates the feed gas to produce gaseous carbon monoxide and the gaseous carbon monoxide is compressed in a product compressor (35) to produce a final product at a product pressure, refrigeration is supplied to the process by a carbon monoxide cooling cycle in which a cycle fluid is compressed in at least the product compressor, cooled and expanded wherein at least part of the carbon monoxide is liquefied to form pressurised liquefied carbon monoxide and part of the pressurised liquefied carbon monoxide (51 A, 53A, 59A), is vaporised at the product pressure to form a pressurised gaseous back-up stream which is then mixed with the final product, vaporisation of the carbon monoxide taking place only when there is an increase in demand for pressurised carbon monoxide. (Figure 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1812/DEL/2011 A

(43) Publication Date : 28/12/2012

(54)□Title of the invention : PROCESS FOR PREPARING PURE ROSUVASTATIN CALCIUM THROUGH NOVEL AMINE SALT□

(51) International classification	:C07D	(71) Name of Applicant : 1)Ind-Swift Laboratories Limited Address of Applicant :S.C.O. No. 850 Shivalik Enclave NAC Manimajra Chandigarh-160 101 INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) Inter□ational Application No Filing Date	:NA	(72) Name of Inventor : 1)BHIRUD SHEKHAR BHASKAR 2)JAIN ANSHUL KUMAR 3)SAINI VINAY KUMAR 4)SHARMA ALOK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparing pure rosuvastatin of formula I,
or pharmaceutically acceptable salts thereof through rosuvastatin 1-(1-naphthyl)ethylamine salt of formula II, wherein wavy line
() represent (R), (S) stereochemistry or racemate thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7311/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FLUIDIZED BED REACTOR FOR PRODUCTION OF HIGH PURITY SILICON

(51) International classification	:C01B 33/037
(31) Priority Document No	:12/393,852
(32) Priority Date	:26/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/065345
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/098797
(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)JOSE LUIS MONTESINOS BARONA

3)EVARISTO AYUSO CONEJERO

4)MANUEL VICENTE VALES CANLE

5)XAVIER BENAVIDES REL

6)PEDRO-TOMAS LUJAN GARCIA

7)MARIA TOMAS MARTINEZ

(57) Abstract :

Methods and apparatus for the production of high purity silicon including a fluidized bed reactor with one or more protective layers deposited on an inside surface of the fluidized bed reactor. The protective layer may be resistant to corrosion by fluidizing gases and silicon-bearing gases.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7314/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS AND COMPOSITIONS FOR CONTROLLING PLANT PESTS

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/158,133
(32) Priority Date	:06/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026308
Filing Date	:05/03/2010
(87) International Publication No	:WO 2010/102172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ATHENIX CORPORATION

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(72)Name of Inventor :

1)KIMBERLY S. SAMPSON

2)DANIEL J. TOMSO

(57) Abstract :

Compositions and methods for conferring pesticidal activity to bacteria, plants, plant cells, tissues and seeds are provided.

Compositions comprising a coding sequence for a delta-endotoxin polypeptide are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria, plants, plant cells, tissues, and seeds. In particular, isolated delta-endotoxin nucleic acid molecules are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed, and antibodies specifically binding to those amino acid sequences. In particular, the present invention provides for isolated nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequence shown in SEQ ID NO:13-24, or the nucleotide sequence set forth in SEQ ID NO:1-12 and 25-44, as well as variants and fragments thereof.

No. of Pages : 86 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7315/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR HYDROTHERMALLY CARBONIZING RENEWABLE RAW MATERIALS AND ORGANIC RESIDUAL PRODUCTS

(51) International classification	:C10L 5/44	(71) Name of Applicant :
(31) Priority Document No	:10 2009 015 257.1	1)SUNCOAL INDUSTRIES GMBH
(32) Priority Date	:01/04/2009	Address of Applicant :RUDOLF-DIESEL-STRASSE 15, 14974 LUDWIGSFELDE, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002104	1)BODO M. WOLF
Filing Date	:01/04/2010	2)TOBIAS WITTMANN
(87) International Publication No	:WO 2010/112230	3)CHRISTIAN VON OLSHAUSEN
(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 continuous method for the hydrothermal carbonization of renewable raw materials and organic residues, in which, in a first processing stage, a pressure increase essentially to the pressure level of the carbonization occurs, in the second processing stage, the carbonization, which is performed at a pressure of at least 5 bar and at most boiling temperature, the obtained carbonized product is at least partially settled as sediment, and the filling height of the water in the second processing stage is set by removing water, and the temperature of the sediment delivered from the second processing stage is reduced by the vaporization of water and it is supplied to the third processing stage, drying which is heated using steam, in which the drying is performed in steam atmosphere, and subsequently discharged from the process.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7316/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR IGNITING A COMBUSTIBLE MIXTURE FOR A COMBUSTION ENGINE

(51) International classification	:F02P 15/08
(31) Priority Document No	:0951854
(32) Priority Date	:24/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050535
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/109137
(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)MAXIME MAKAROV

2)FREDERIC AUZAS

(57) Abstract :

1) A method for igniting a mixture of oxidant and fuel (1) in a combustion chamber (2) of a combustion engine with the aid of a radiofrequency spark plug (3) generating a ramified spark from the tip of an electrode, the plug being placed so as to emerge in said combustion chamber of the engine (2), the method comprising a first step of supplying power to said plug with the aid of a first AC electric signal (4) with a frequency of more than 1 MHz, characterized in that it comprises a second step of supplying power to said plug with the aid of a second AC electric signal (5) with a frequency of more than 1 MHz, this second step being subsequent to the first step and spaced in time relative to the first step at a spacing delay (6).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7326/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STRETCHABLE LAMINATES OF NONWOVEN WEB (S) AND ELASTIC FILM

(51) International classification	:B31B 25/10
(31) Priority Document No	:61/167,626
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030360
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118211
(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)ZGODA DONALD

3)DANIELS WALTER DOUGLAS

4)BADER JIM THOMAS

5)GALVIS ERIKA FABIOLA

(57) Abstract :

A stretchable laminate, a process of making a stretchable laminate and a disposable absorbent article that includes a stretchable laminate are disclosed. The stretchable laminate includes a nonwoven web and a web of elastomeric material. The nonwoven web includes two layers of spunbond fibers and one layer of meltblown fibers. Some of the meltblown fibers are present in the interstices formed by the spunbond fibers of one of the layers.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7327/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FUNGICIDAL HETEROCYCLIC COMPOUNDS

(51) International classification	:A61K 31/4745
(31) Priority Document No	:61/175,206
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033471
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129500
(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)LETT RENEE MARIE

3)SMITH BRENTON TODD

4)SMITH BENJAMIN KENNETH

5)DALY C.ANNE

(57) Abstract :

Disclosed are compounds of Formula 1 (see Formula 1), N-oxides, and salts thereof, wherein Z is O or S; and R1, R2, R3, Q and n are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling a parasitic nematode comprising contacting the parasitic nematode or its environment with a biologically effective amount of a compound or a composition of the invention.

No. of Pages : 158 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7329/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STEREO CAMERA WITH AUTOMATIC CONTROL OF INTEROCULAR DISTANCE

(51) International classification	:G03B 35/08
(31) Priority Document No	:12/409,316
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/26927
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/111040
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)PATRICK CAMPBELL

3)JAMES CAMERON

4)RONNIE ALLUM

(57) Abstract :

There is disclosed stereographic camera system (100) including a left and a right camera (510L, 510R) including respective lenses (512L, 512R), plural mechanisms (558, 556, 554, 552) to synchronously set a focal length of the lenses, to synchronously set a focal distance of the lenses, to set a convergence angle between the left and right cameras, and to set an intraocular distance between the left and right cameras. A distance measuring device (565) may be used to measure the distance to an extreme object. A controller (560) may cause an interocular distance and a convergence angle between the left and right cameras to be set based on a maximum allowable disparity, the focal length of the lenses, and a convergence distance.

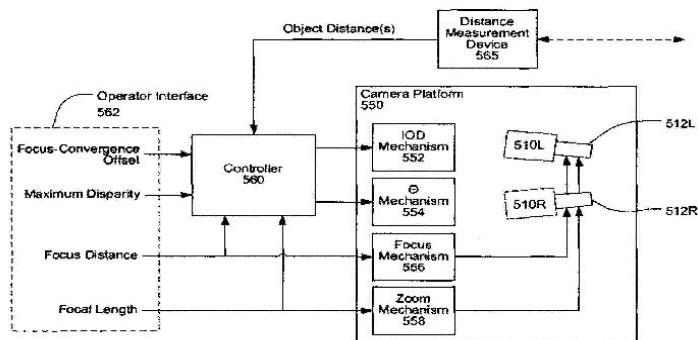


FIG. 5

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7333/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DIRECT FEED/EFFLUENT HEAT EXCHANGE IN FLUID CATALYTIC CRACKING

(51) International classification	:C01G 11/18
(31) Priority Document No	:12/413,022
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023170
Filing Date	:04/02/2010
(87) International Publication No	:WO 2010/110944
(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)LOMAS, DAVID A.

2)VAN OPDORP, PETER J.

(57) Abstract :

Fluid catalytic cracking (FCC) processes are described, in which hydroprocessed hydrocarbon streams or other hydrocarbon feed streams having a low coking tendency are subjected to direct heat exchange with the FCC reactor effluent, for example in the FCC main column. The processes operate with sufficient severity such that little or no net FCC main column bottoms liquid (e.g., with a 343°C (650°F) distillation cut point) is generated. Regeneration temperatures with the representative low coking tendency feeds are beneficially increased by using an oxygen-enriched regeneration gas stream.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7325/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FUNGICIDAL MIXTURES AND THEIR USE

(51) International classification	:A01N 43/40
(31) Priority Document No	:0906515.2
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/ED2010/054065
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/1189946
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SYNGENTA PARTICIPATIONS AG

Address of Applicant :SCHWARZWALDALLEE 215, CH-4058 BASEL, SWITZERLAND

(72)**Name of Inventor :**

1)DOYLE PATRICK JOHN

2)OLAYA-HUERTAS GILBERTO

3)KUHN PAUL JOHN

4)TALLY ALLISON

(57) Abstract :

The present invention relates to pesticidal mixtures, compositions and uses thereof comprising a component (A) and a component (B), wherein components (A) and (B) are: (A) a carboxylic acid amide fungicide; and (B)a benzamide fungicide; with the proviso that the mixture does not comprise: 1).fluopicolide and mandipropamid and clothianidin; or 2).fluopicolide and mandipropamid and imidacloprid; or 3).fluopicolide and mandipropamid and thiamethoxam. The invention also relates to mixtures, compositions and uses thereof wherein component (A) is metalaxyl-M and component (B) is a benzamide fungicide.

No. of Pages : 46 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7337/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HIGH- OR ULTRA-HIGH PERFORMANCE CONCRETE

(51) International classification	:C04B 7/52
(31) Priority Document No	:0901396
(32) Priority Date	:25/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000242
Filing Date	:23/03/2009
(87) International Publication No	:WO 2010/109095
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAFARGE

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(72)Name of Inventor :

1)FONOLLOSA, PHILIPPE

2)BATOZ, JEAN-FRANCOIS

3)CHEN, JEFFREY

(57) Abstract :

A subject matter of the invention is a binder premix comprising from 0.2% to 63% of a material of an ultrafine particle size category, comprising individual particles with a D90 value less than 1 µm and/or with a BET specific surface greater than 5 m²/g; from 8% to 63% of selected Portland cement comprising particles with a D90 value less than 30 µm and from 25% to 85% of a material, other than the cement, of a fine particle size category, comprising particles for which the D10 and D90 values are from 1 µm to 120 µm and with a BET specific surface less than 5 m²/g. The invention also relates in particular to a binder mix comprising, in addition to the premix, a material of a medium particle size category, comprising particles for which the D10 and D90 values are from 120 µm to 5 mm.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7338/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTI-COMPARTMENT WATER PURIFICATION BOTTLE HAVING A REPLACEABLE FILTER

(51) International classification	:B01D 27/02
(31) Priority Document No	:61/156,437
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023922
Filing Date	:11/02/2010
(87) International Publication No	:WO 2010/098984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RISHEQ, TAREQ ADEL

Address of Applicant :27825 NOAH CT., LAGUNA NIGUEL CALIFORNIA 92677, U.S.A.

(72)Name of Inventor :

1)RISHEQ, TAREQ ADEL

(57) Abstract :

A bottle comprises a cap, a reservoir having an open top closeable by the cap, and a filter holder that houses a filter, the filter holder being coupled to the cap such that a liquid in the reservoir is filtered by the filter as the liquid is being consumed, and the filter is fluidly decoupled from the reservoir when the cap is disengaged from the reservoir. Preferred filters can be constructed out of high reactivity carbon mixture, activated carbon, iodinated resin, combinations thereof, or any other suitable compositions for filtering water or other liquids, and can be molded into any suitable size and shape. Preferred filter holder can have a top portion and a bottom portion that couple together via a snap fitting, mating threads, or any suitable means, which allow access to the filter, and which have numerous vents that allow liquid to freely flow through the filter.

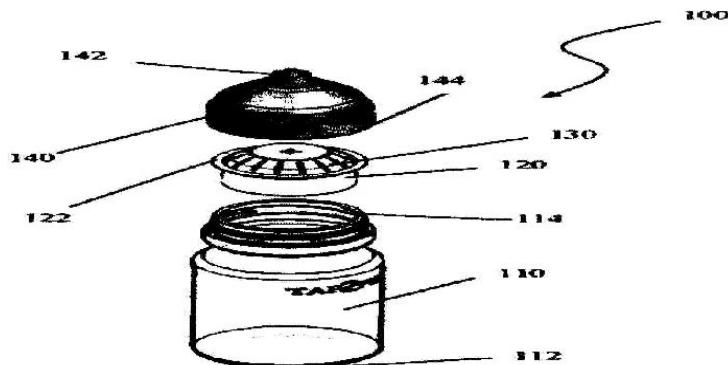


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7342/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NUTRITIONAL COMPOSITION COMPRISING CURCUMINOIDS AND METHODS OF MANUFACTURE

(51) International classification	:A23L 1/015	(71) Name of Applicant :
(31) Priority Document No	:61/163,688	1)ABBOTT LABORATORIES
(32) Priority Date	:26/03/2009	Address of Applicant :DEPT 377/AP6P-1, 100 ABBOTT PARK ROAD, ABBOTT PARK, ILLINOIS 60064 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/027477	(72) Name of Inventor :
Filing Date	:16/03/2010	1)JOHNS, PAUL. W.
(87) International Publication No	:WO 2010/111070	2)MAZER, TERRENCE, B.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are nutritional compositions and methods for preparing the compositions, comprising fat, protein, and carbohydrate, including a combination of curcumin, demethoxycurcumin, and bisdemethoxycurcumin, which combination is solubilized in a polar oil having an HLB value of from about 0.7 to about 14 wherein the weight ratio of the bisdemethoxycurcumin to the curcumin is from about 1:1 to about 1:7 and the weight ratio of the bisdemethoxycurcumin to the demethoxycurcumin is from about 1:1 to about 1:2.5. The composition provides a selected ratio of curcuminoids having improved biological activity, bioavailability, and reduced color impact.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7353/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EXHAUST GAS PURIFYING DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F01N 3/02
(31) Priority Document No	:2009-076698
(32) Priority Date	:26/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054932
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/110242
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOMATSU LTD.

Address of Applicant :2-3-6, AKASAKA, MINATO-KU,
TOKYO 107-8414, JAPAN

(72)Name of Inventor :

1)TOSHIYUKI KAMEI

2)HIROSHI YAMAMOTO

(57) Abstract :

An exhaust gas purifying device (10) for an internal combustion engine includes an inflow case provided with an inlet pipe (16), a catalyst case (12) in which an oxidizing catalyst for dosing is housed, a filter case (13) in which a soot filter is housed, and an outflow case (14) provided with an outlet pipe (18), and is attached to an attached target at two attachment points mutually spaced in the axial direction of the cases (12, 13). At one of the two attachment points, which is defined on the catalyst case (12), the catalyst case (12) is firmly fixed. At the other attachment point, which is defined on the filter case (13), the filter case (13) is attached slidably in the axial direction.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7334/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FEEDING APPARATUS AND METHOD FOR A PYROLYtic REACTOR

(51) International classification	:F23K 3/00
(31) Priority Document No	:61/160,842
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000218
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/106539
(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)BRONSHTEIN, ALEXANDER P.

2)WEISS, MOSHE

3)JAKOBOWITCH, DAVID SHALOM

4)SKOP, MENACHEM L.

(57) Abstract :

A Feeding apparatus for a pyrolytic reactor, comprising a rotatable inclined drum, a motor for rotating the drum, a hopper by which aggregatable feedstock pieces introduced to the interior of said drum, and a feed tube extending from the drum to a pyrolytic reactor. The rotation of the drum applies forces of sufficient magnitude and varying direction to an aggregated mass of feedstock pieces that constituent feedstock pieces are separated from said aggregated mass and are discharged from the drum via the feed tube to the pyrolytic reactor.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7343/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED CRANIAL DEVICE WITH A ROTARY INCLINATION DETECTOR

(51) International classification	:A61F 5/56
(31) Priority Document No	:200900451
(32) Priority Date	:02/03/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/070108
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/100307
(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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AUTONOMA DE EUSKADI

3)OREJA PUERTO,DANIEL

(72)Name of Inventor :

1)OREJA PUERTO, DANIEL

2)RIGAU RIGAU, JORDI

3)DURAN CANTOLLA, JOAQUIN JOSE

(57) Abstract :

Cranial device with rotary tilt sensor, comprising a container box (1) that can be attached to the skull of the sleeper and, arranged inside said box, an electric motor and an eccentric counterweight coupled thereto, with which it forms a vibrator. It also comprises a power cell or a power cell holder for housing at least one power cell, which is provided with two axially opposed overhanging contacts or lugs. The container box comprises some tilted structures (7) with dielectric characteristics over which said power cell or power cell holder can roll through its lugs, and two electrical contacts (8) wherein said tilted structures terminate, such that when the power cell holder comes to rest over said electrical contacts it closes the motor circuit, in this way activating the vibrator.

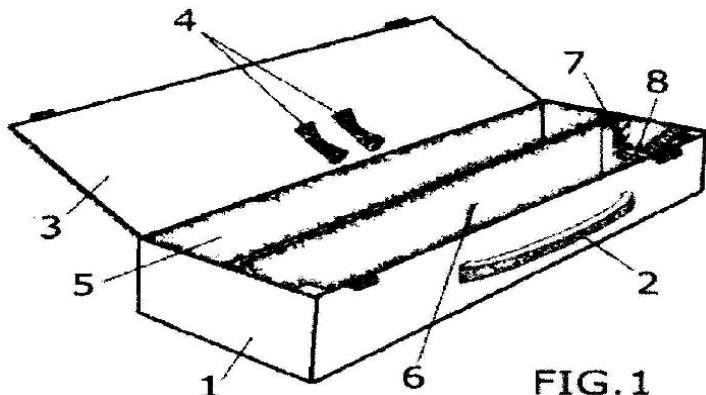


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7344/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PREPARATION OF ALPHA-KETOPIMELIC ACID

(51) International classification	:C12P 7/40	(71) Name of Applicant :
(31) Priority Document No	:09154840.4	1)DSM IP ASSETS B.V.
(32) Priority Date	:11/03/2009	Address of Applicant :HET OVERLOON 1, NL-6411 TE HEERLEN, THE NETHERLANDS
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/NL2010/050126	1)RAEMAKERS-FRANKEN, PETRONELLA CATHARINA
Filing Date	:11/03/2010	2)SCHURMANN, MARTIN
(87) International Publication No	:WO 2010/104390	3)TREFZER, AXEL CHRISTOPH
(61) Patent of Addition to Application Number	:NA	4)DE WILDEMAN, STEFAAN MARIE ANDRE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preparing alpha-ketopimelic acid, comprising converting alpha-ketoglutaric acid into alpha-ketoadipic acid and converting alpha-ketoadipic acid into alpha-ketopimelic acid, wherein at least one of these conversions is carried out using a heterologous biocatalyst. The invention further relates to a heterologous cell, comprising one or more heterologous nucleic acid sequences encoding one or more heterologous enzymes capable of catalysing at least one reaction step in the preparation of alpha-ketopimelic acid from alpha-ketoglutaric acid.

No. of Pages : 409 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.7345/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LOW MOLECULAR WEIGHT (METH) ACRYLIC POLYMERS, FREE OF SULPHUR-CONTAINING, METALLIC AND HALOGENATED COMPOUNDS AND WITH LOW RESIDUAL MONOMER CONTENT, METHOD FOR PREPARING THE SAME AND USES THEREOF

(51) International classification	:C08F 2/06
(31) Priority Document No	:FR 09/01397
(32) Priority Date	:25/03/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2010/050544 :25/03/2010
(87) International Publication No	:WO 2010/109144
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)TOTAL RAFFINAGE MARKETING

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(72)Name of Inventor :

- 1)DOLMAZON, NELLY**
- 2)SANTIAGO, JOSE**
- 3)STORET, YVAN**
- 4)TORT, FREDERIC**

(57) Abstract :

The subject of the invention concerns C8 or higher, linear or branched fatty chain (meth)acrylic polymers possibly containing at least one ethylene unsaturation, having a weight average molecular weight Mw of less than 20,000 g/mole, free of sulphur-containing, metallic and halogenated compounds and with a residual monomer content measured by GPC of no more than 10 % by weight, preferably no more than 7 % by weight. A further subject of the invention is the synthesis method and the uses of these polymers.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7362/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPACT RESISTANT MODIFIED POLYCARBONATE COMPOSITIONS FOR PRODUCING METALIZED MOULDED ARTICLES WITH HOMOGENOUS SURFACE GLOSS

(51) International classification	:C08L 55/02
(31) Priority Document No	:10 2009 015 039.0
(32) Priority Date	:26/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001641
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/108617
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BAYER MATERIALSCIENCE AG

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(72)**Name of Inventor :**

1)ANDREAS SEIDEL

2)ECKHARD WENZ

3)HANS-JURGEN KLANKERS

4)NA

(57) Abstract :

The invention relates to impact-modified polycarbonate compositions, comprising A) 55 to 90 parts by weight (based on the sum of the parts by weight of components A, B and C) of aromatic polycarbonate and/or aromatic polyester carbonate with a relative solution viscosity, measured in methylene chloride, of 1.20 to 1.30, B) 10 to 45 parts by weight (based on the sum of the parts by weight of components A, B and C) of rubber-modified component comprising B.1) at least one graft polymer, produced by emulsion polymerisation, by graft polymerisation of B.1.1) 5 to 95 wt.%, based on the sum of B.1.1 and B.1.2, of at least one vinyl monomer on B.1.2) 95 to 5 wt.%, based on the sum of B.1.1 and B.1.2, of one or more particulate rubbers as backbones with glass transition temperatures of < 0°C, B.2) optionally a rubber-free vinyl (co)polymer, B.3) optionally a graft polymer of at least one vinyl monomer on at least one rubber backbone with a glass transition temperature of

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7357/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : OTIC COMPOSITIONS USEFUL FOR THE TREATMENT OF INFECTIONS OF THE INTERNAL AND EXTERNAL EAR IN MAMMALS

(51) International classification	:A01N 43/36
(31) Priority Document No	:12/380,463
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025251
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/099212
(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) JOSEPH A. CAPRIOTTI

2) BO LIANG

3) MICHAEL C. SAMSON

4) JASON STEIN

5) MICHAEL WEISER

(57) Abstract :

Disclosed herein compositions including povidone-iodine (PVP-I) useful in the treatment of acute and chronic bacterial, viral and fungal infections of the internal, middle and external ear of mammals, including humans.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7359/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MINE RESISTANT ARMORED VEHICLE

(51) International classification	:F41H 7/02
(31) Priority Document No	:61/202,844
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030418
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118248
(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 :9801 HIGHWAY 78, LADSON, SC
29456, U.S.A.

(72)**Name of Inventor :**

1)VERNON P. JOYNT

2)JOHN W. NORTH

3)JONATHAN W. GEORGAS

4)JAMES E. WHITE

5)THOMAS E. BORDERS III

6)MICHAEL L. WILLIAMS

(57) Abstract :

A blast-resistant armored land vehicle comprising: a body comprised of sheet materials, the body having a longitudinal centerline, an upper portion including opposite side portions, a first bottom portion, and a second bottom portion; the first bottom portion defining a V, with the apex of the V substantially parallel to the longitudinal centerline of the vehicle, an energy-absorbing member extending longitudinally within the first bottom portion; and the second bottom portion defining a second V, with the apex of the second V substantially parallel to the longitudinal centerline of the vehicle, the second bottom portion being detachably secured to the vehicle exterior to and spaced from the first bottom portion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7360/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ENGINE

(51) International classification	:F02M 25/07
(31) Priority Document No	:2009-077249
(32) Priority Date	:26/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054933
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/110243
(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)TAKEHIDE KITAGAWA
2)YASUKUNI KAWASHIMA
3)SHUJI HORI
4)DAISUKE KOZUKA**

(57) Abstract :

An engine (1) includes a variable geometry turbocharger (10), an EGR valve device (20), a hydraulic servo drive device (30) that drives the variable geometry turbocharger (10), a hydraulic servo drive device (40) that drives the EGR valve device (20), an electronic proportional control valve (EPC valve) (51) that supplies pilot pressure oil to the hydraulic servo drive device (30), and an electronic proportional control valve (EPC valve) (52) that supplies pilot pressure oil to the hydraulic servo drive device (40), the EPC valves (51, 52) being attached to the EGR valve device (20).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7370/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR FEEDING REDUCING AGENT INTO AN EXHAUST GAS SYSTEM AND CORRESPONDING EXHAUST GAS SYSTEM

(51) International classification	:F01N 3/20
(31) Priority Document No	:10 2009 015 419.1
(32) Priority Date	:27/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052314
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/108748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :HAUPTSTRASSE 128, 53797 LOHMAR (DE) Germany

(72)Name of Inventor :

1)MAUS, WOLFGANG

2)BRUCK, ROLF

(57) Abstract :

The invention relates to a method and a device for feeding reducing agent or a reducing agent precursor into the exhaust gas system (19) of a mobile internal combustion engine (14). Such methods and devices are preferably used for exhaust gas systems of internal combustion engines with high nitrogen oxide compound emissions. In the method according to the invention, a feed-in time is firstly detected. An exhaust gas parameter and/or the necessary quantity of reducing agent is then determined and a feed-in state of the reducing agent is defined. The reducing agent is then treated if the feed-in state does not correspond to the supplied state. The feed-in of the reducing agent to the exhaust gas system (19) takes place last. The method steps are repeated many times. The method permits a reducing agent to be fed into an exhaust gas system in the state which is respectively suitable for the exhaust gas temperature, so that complete conversion of the reducing agent takes place and therefore a selectively catalytic reduction is also ensured. Furthermore, the method according to the invention and the exhaust gas system according to the invention reduce the quantity of electrical energy which is necessary for converting reducing agent.

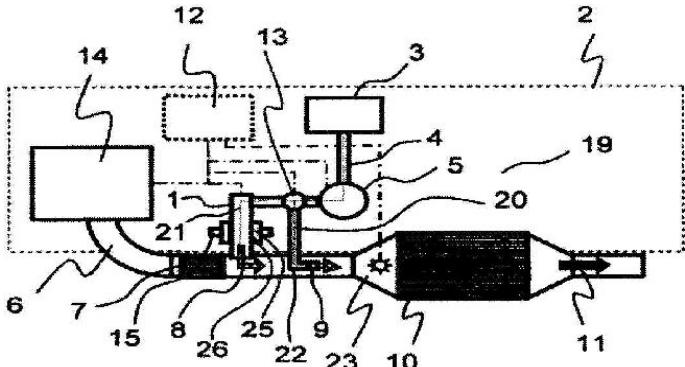


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7372/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STRUT, SYSTEM AND METHOD FOR A SOLAR FRAME

(51) International classification	:F24J 2/46
(31) Priority Document No	:61/212,854
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001062
Filing Date	:10/04/2010
(87) International Publication No	:WO 2010/120349
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WERNER EXTRUSION SOLUTIONS LLC

Address of Applicant :871 HOLDEN COURT, LAKE FOREST, IL 60045, U.S.A.

(72)Name of Inventor :

1)WERNER, CRAIG, ROY

2)FUNAI, JOHN

(57) Abstract :

A strut end piece for a strut for connecting with a fin of a sleeve for a solar mirror frame support. A strut for receiving a strut end piece for a solar mirror frame support. A sleeve for connecting with a chord and a strut end piece for a solar mirror frame support having a main portion having an opening for receiving the chord. A method for connecting a sleeve to a chord and a strut end piece for a solar mirror frame support.

No. of Pages : 190 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7369/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR MOUNTING A CONTACT PIN FOR A PIEZOELECTRIC ELEMENT, SLEEVE, AND ACTUATOR UNIT

(51) International classification	:H01L 41/053	(71) Name of Applicant :
(31) Priority Document No	:10 2004 011 697.0	1)CONTINENTAL AUTOMOTIVE GMBH
(32) Priority Date	:10/03/2004	Address of Applicant :VAHRENWALDER STRAE 9, 30165
(33) Name of priority country	:Germany	HANNOVER, GERMANY
(86) International Application No	:PCT/EP2005/050774	(72) Name of Inventor :
Filing Date	:23/02/2005	1)ADAM, MARKO
(87) International Publication No	:WO 2005/088744	2)DOLLGAST, BERND
(61) Patent of Addition to Application Number	:NA	3)SANFTLEBEN, EMANUEL
Filing Date	:NA	
(62) Divisional to Application Number	:5199/DELNP/2006	
Filed on	:11/09/2006	

(57) Abstract :

During the production of an actuator unit (11), which should be installed in a fuel injector, a piezoelectric element (8) is firstly inserted into a plastic sleeve (1). Two contact pins (5) are provided for the external power supply for the piezoelectric element (8), and are guided outside the plastic sleeve (1). In order to fix the position of the contact pins (5), particularly before encapsulating the piezoelectric element (8) with the plastic sleeve (1), pin mounts (2) provided in the form of detent connections are provided for the contact pins (5). The detent connections (2) are designed for fixing the contact pins (5) in the position thereof after they have been inserted into these detent connections. In one particular embodiment, the plastic sleeve (1) is provided in the form of a one-piece hollow body so that the mounting can be effected in a particularly simple manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7380/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITION AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES SPECIFIC FOR THE IL-12 RECEPTOR BETA1 SUBUNIT

(51) International classification	:C07K 16/28	(71) Name of Applicant :
(31) Priority Document No	:61/165,177	1)NOVARTIS AG
(32) Priority Date	:27/04/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/054093	1)BARDROFF MICHAEL
Filing Date	:29/03/2010	2)CARBALLIDO HERRERA JOSE M.
(87) International Publication No	:WO 2010/112458	3)DELLA DUCATA DANIELA
(61) Patent of Addition to Application Number	:NA	4)HEUSSER CHRISTOPH
Filing Date	:NA	5)JAEGER UTE
(62) Divisional to Application Number	:NA	6)SCHWAERZLER CHRISTOPH
Filing Date	:NA	

(57) Abstract :

The present invention relates to antibodies that specifically bind to IL12R1, the non-signal transducing chain of the heterodimeric IL12 receptor (together with IL12R2 chain) as well as IL23 receptor (together with IL23R α chain). The invention more specifically relates to specific antibodies that are IL12 and IL23 receptor antagonists capable of inhibiting IL12/IL18 induced IFNy production of T cells and compositions and methods of use for said antibodies to treat pathological disorders that can be treated by inhibiting IFNy production, such as rheumatoid arthritis, psoriasis or inflammatory bowel diseases or other autoimmune and inflammatory disorders.

No. of Pages : 91 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7381/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SOLID FORMS OF AN AZOCYCLIC AMIDE

(51) International classification	:C07D 417/14
(31) Priority Document No	:61/171,573
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031546
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/123791
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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

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(72)Name of Inventor :

1)HANAGAN MARY ANN

2)OBERHOLZER MATTHEW RICHARD

3)PASTERIS ROBERT JAMES

4)SHAPIRO RAFAEL

(57) Abstract :

Disclosed are solid forms of 1-[4-[4-[5-(2,6-difluorophenyl)-4,5-dihydro-3-isoxazolyl]-2-thiazolyl]-1-piperdinyl]-2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanone (Compound 1). Methods for the preparation of solid forms of Compound 1 and for the conversion of one solid form of Compound 1 into another are disclosed. Disclosed are fungicidal compositions comprising a fungicidally effective amount of a solid form of Compound 1 and at least one additional component selected from the group consisting of surfactants, solid diluents and liquid carriers. Compositions comprising a mixture of a solid form of Compound 1 and at least one other fungicide or insecticide are also disclosed. Also disclosed are methods for controlling plant diseases caused by fungal plant pathogens comprising applying to a plant or portion thereof, or to a plant seed, a fungicidally effective amount of a solid form of Compound 1.

No. of Pages : 100 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7384/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MECHANICAL SEAL WITH IMPROVED SEAL ASSEMBLY

(51) International classification	:F16J 15/34
(31) Priority Document No	:0629-2009
(32) Priority Date	:16/03/2009
(33) Name of priority country	:Chile
(86) International Application No	:PCT/AU2010/000307
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/105295
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)VULCO S.A.

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SANTIAGO, CHILE

(72)**Name of Inventor :**

1)ABARCA MELO, RICARDO

2)GUZMAN CASTRO, RODRIGO

3)QUIROZ VENEGAS, OSVALDO

(57) Abstract :

Mechanical seals, seal assemblies and pumps are disclosed. A mechanical seal includes a sealing member and a mount that forms part of a mounting assembly to mount the sealing member to a support structure of the seal. In an embodiment, the mount forms part of a seal assembly and is an elastomeric ring bonded to the sealing member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7386/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF PHOTOVOLTAIC GRADE SILICON METAL

(51) International classification	:C01B 33/021
(31) Priority Document No	:61/162,050
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027559
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/107850
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOSTON SILICON MATERIALS LLC

Address of Applicant :11 JACOB ROAD, BELMONT,
MASSACHUSETTS 02478, U.S.A.

(72)Name of Inventor :

1)MATHESON, ANDREW

2)KOENITZER, JOHN W.

(57) Abstract :

Disclosed is method for the production of silicon metal of a purity sufficient for the manufacture of commercial grade photovoltaic devices, by first reacting liquid silicon tetrachloride with molten sodium metal, and then by processing the reaction product to remove from the silicon metal, those reaction products which would be detrimental to the performance of the produced silicon metal in commercial grade photovoltaic devices used to generate electric power for commercial sale.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7390/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TYRE FOR HEAVY VEHICLES COMPRISING A LAYER OF CIRCUMFERENTIAL REINFORCING ELEMENTS

(51) International classification	:B60C 3/04
(31) Priority Document No	:0952260
(32) Priority Date	:07/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/054532
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/115891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN

Address of Applicant :12 COURS SABLON F-63000 CLERMONT-FERRAND, FRANCE

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor :

1)JOEL DELEBECQ

2)GILLES GODEAU

(57) Abstract :

The invention relates to a tyre with radial carcass reinforcement comprising a crown reinforcement formed of at least two working crown layers, itself radially capped by a tread, the said tread being connected to two beads by two sidewalls, and the crown reinforcement comprising at least one layer of circumferential reinforcing elements. According to the invention, the ratio of the thickness of the crown block at a shoulder end to the thickness of the crown block in the circumferential median plane is greater than 1.20 and the ratio of the distance between the extreme wear surface and the reinforcing elements of the layer of circumferential reinforcing elements in the circumferential median plane to the distance between the extreme wear surface and the reinforcing elements of the layer of circumferential reinforcing elements at the ends of the said layer of circumferential reinforcing elements is comprised between 0.95 and 1.05. FIG. 1

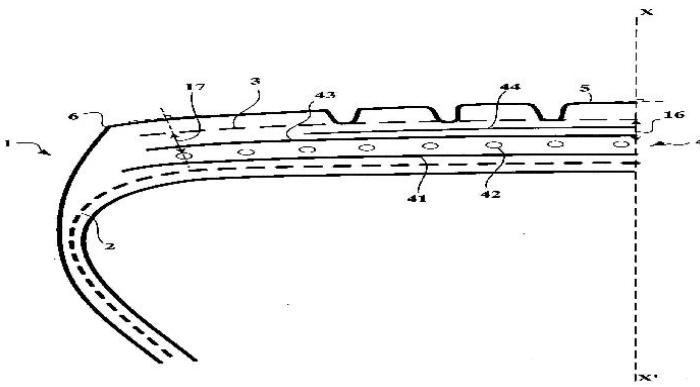


FIG.1

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7391/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PRINTABLE MATT FINE PAPER AND METHOD OF PREPARING SAME

(51) International classification	:D21H 19/40
(31) Priority Document No	:0901598
(32) Priority Date	:01/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000246
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/112688
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARJO WIGGINS FINE PAPERS LIMITED

Address of Applicant :EVERSHEDS HOUSE, 70 GREAT BRIDGEWATER STREET, M1 5ES MANCHESTER, UNITED KINGDOM France

(72)Name of Inventor :

1)JEAN-MARIE BAUMLIN

(57) Abstract :

Fine matt writing and/or printing paper, in particular for offset printing, including on at least one of its faces a coating that comprises pigments and a binder, the pigments comprising silica with particles having a mean diameter greater than or equal to 3 µm, and with the quantity that is deposited per unit area of the coating being greater than 0.4 g/m² and less than 1.5 g/m² or in which the quantity of silica is alternatively or in combination greater than 6% and less than 15%, and in particular less than 10% by dry weight relative to the total dry weight of the coating, the paper having on said face a degree of gloss before printing that is less than 3.5% as measured at 75° using the Tappi®T480 standard.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7393/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF PARAXYLENE

(51) International classification	:C07C 2/86
(31) Priority Document No	:61/169,070
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030318
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/120616
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)EXXONMOBIL CHEMICAL PATENTS INC.

Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN,
TEXAS 77520-2101, U.S.A.

(72)**Name of Inventor :**

1)MARK PAUL HAGEMEISTER

2)DAVID LEE JOHNSON

3)JOHN JOSEPH MONSON

(57) Abstract :

The proposed process uses crystallization technology to purify paraxylene simultaneously of large concentrations of C8 aromatics and also small concentrations of oxygenated species.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7395/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MONITORING PERIPHERAL DECOUPLING

(51) International classification	:A61B 5/02
(31) Priority Document No	:61/161,942
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/0280004
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/108110
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)EDWARDS LIFESCIENCES CORPORATION

Address of Applicant :ONE EDWARDS WAY, IRVINE,
CALIFORNIA 92614, U.S.A.

(72)**Name of Inventor :**

1)FERAS HATIB

2)LUCHY ROTELIUK

3)MORGAN MCKEOWN

(57) Abstract :

Methods for monitoring central-to-peripheral arterial pressure decoupling, i.e., hyperdynamic conditions, are described. These methods involve the comparison of parameters calculated from multivariate statistical models established for both subjects experiencing normal hemodynamic conditions and subjects experiencing hyperdynamic conditions, in which central-to peripheral decoupling may occur. The difference or ratio between the parameters calculated using the two multivariate statistical models provides a continual indication of the level of decoupling as well as indicating peripheral decoupling when a threshold value is exceeded. These methods can be used to both alert a user to the fact that a subject is experiencing peripheral decoupling and provide accurate arterial tone measurements, which enable the calculation of accurate values for other parameters, such as stroke volume and cardiac output.

No. of Pages : 41 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.74/DELNP/2012 A

(43) Publication Date : 28/12/2012

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

(51) International classification	:H02P 6/16
(31) Priority Document No	:10 2009 028 582.2
(32) Priority Date	:17/08/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/060832 :27/07/2010
(87) International Publication No	:WO 2011/020682
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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STUTTGART, GERMANY

(72)Name of Inventor :

1)STEINLECHNER, SIEGBERT

2)PLETINCKX, JO

(57) Abstract :

Described herein is an electronically commutated electric motor (1) having a stator (10, 12, 14, 16) and a permanent magnetic rotor (11). A control unit (30) is operatively coupled to the stator (10, 12, 14, 16) and is configured to generate control signals for commuting the stator (10, 12, 14, 16) in such a manner that the stator (10, 12, 14, 16) generates a rotating magnetic field for rotational movement of the rotor (11). Further, at least one rotor position sensor (18) is configured to detect a rotor position of the rotor (11) and to generate a rotor position signal representing the rotor position. According to the present subject matter, the control unit (30) is configured to sample and quantize the rotor position signal (27) and generate a digital rotor position signal (95, 100, 102, 104, 106, 108, 110, 112), which forms a time-related data stream that corresponds to the sampled and quantized rotor position signal. The control unit (30) includes an interpolator (34) that is configured to generate at least one intermediate value (118, 119, 120) lying between two successive time-related rotor position values, in the digital rotor position signal.

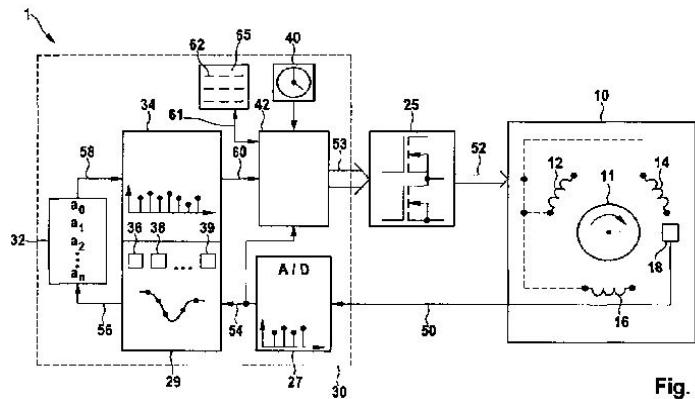


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1809/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PURE ELECTRIC PROPULSION OF A HYBRID ELECTRIC VEHICLE DURING TRAFFIC CONGESTION

(51) International classification

:B60K6/12

(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)INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

Address of Applicant :PLOT NO. 26, SECTOR-3, IMT MANESAR, GURGAON-122050 Haryana India

(72)Name of Inventor :

1)DINESH TYAGI

(57) Abstract :

Embodiments of the present disclosure relate to system and method for reducing fuel consumption and pollutant emissions by a Hybrid Electric Vehicle during traffic congestion through pure electric propulsion. According to an embodiment of the present disclosure, a method for reducing fuel consumption and pollutant emission comprises considering the historical data of the Hybrid Electric Vehicle as stored in the control unit and battery charge balance, and accordingly providing power through the electric propulsion unit to the vehicle such that the vehicle may crawl at low speeds.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7407/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADJUSTABLE BURNERS FOR HEATERS

(51) International classification	:F24C 5/12
(31) Priority Document No	:61/165,108
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029200
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/117784
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O. BOX 5017, DES PLAINES, ILLINOIS 60017-5017, U.S.A.

(72)Name of Inventor :

1)MORGAN, EDWARD R.

2)PETERS, KENNETH D.

3)CLARY, DENNIS M.

(57) Abstract :

Disclosed are heaters having at least one adjustable fired burner and an adjustable fired burner for use with various types of heaters. The heaters may be part of an industrial processes such as petroleum refining. The adjustable burners are configured to be adjusted and positioned in any direction and then be locked into place. The adjustable burners may be adjusted automatically or manually. The ability to quickly adjust the position of an adjustable burner results in substantially less or virtually no damage to elements in the heater and provides for a more even distribution of heat within the heater.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7408/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FIRED HEATER FOR A HYDROCARBON CONVERSION PROCESS

(51) International classification	:C01G 59/02
(31) Priority Document No	:12/415,007
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028270
Filing Date	:23/10/2003
(87) International Publication No	:WO 2010/117614
(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)PETERS, KENNETH D.

(57) Abstract :

One exemplary embodiment of the present invention can be a fired heater for a hydrocarbon conversion process. The fired heater includes inlet and outlet headers or manifolds, a set of heater tubes with each heater tube having an inlet and an outlet, at least one restriction orifice adjacent the inlet of at least one heater tube. The restriction orifice may be within the inlet manifold and adjacent the inlet of a heater tube, or between the inlet manifold and the inlet to the heater tube. A process may include passing a hydrocarbon stream through the fired heater described herein during the course of operating a hydrocarbon conversion process.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7410/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A MACHINE FOR THE EXPANSION OF PIPES

(51) International classification	:B21D 39/20
(31) Priority Document No	:PA 2009 00463
(32) Priority Date	:06/04/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000037
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/115427
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMIDA A/S

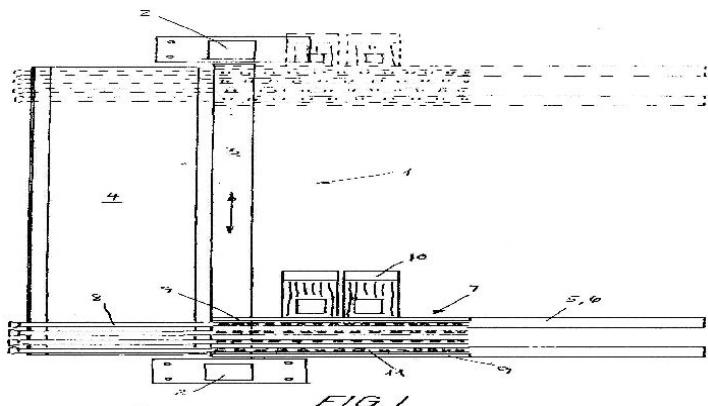
Address of Applicant :C/O HEINE GJERL~V,
VRENSTEDVEJ 31, DK-9480 L~KKEN DENMARK; Denmark

(72)Name of Inventor :

1)DAVIDSEN, MICHAEL

(57) Abstract :

The machine (1) according to the invention for the expansion of pipes, in particular for the expansion of pipes for heat exchangers, comprises a machine frame equipped with a drive unit for pressing or pulling an expansion mandrel through a pipe, as well as an expansion mandrel, and is characterized in that it comprises at least one drive unit (7) with at least one motor-driven drum (11) as well as a band or wire guide (8) which extends horizontally from the outlet of the drum and forwardly to the pipe. The drum (11) is disposed between the lateral plates (9) of the drive unit and is equipped with a band or a wire and is additionally adapted to press or pull the band or the wire with an expansion mandrel (21) through a pipe. The provision of a machine of the type stated above ensures that it is possible to expand pipes e.g. for heat exchangers with a lower consumption of power relative to traditional pressure expansion systems. Further, the problems of shrinkage of the pipes are avoided, and a system is achieved, which is flexible, and which may be expanded to a great capacity, and which is also compact. (Fig. 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7373/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DRY POWDER FORMULATIONS AND METHODS FOR TREATING PULMONARY DISEASES

(51) International classification	:A61K 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/163,772	1)PULMATRIX, INC.
(32) Priority Date	:26/03/2009	Address of Applicant :99 HAYDEN AVENUE, LEXINGTON, MASSACHUSETTS 02421, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/028961	1)JEAN C. SUNG
Filing Date	:26/03/2010	2)MICHAEL M. LIPP
(87) International Publication No	:WO 2010/111680	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed toward respirable dry particles for delivery of divalent metal cation salts and/or monovalent cation salts to the respiratory tract and methods for treating a subject having a respiratory disease and/or infection.

No. of Pages : 212 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.7376/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CALCIUM CITRATE AND CALCIUM LACTATE FORMULATIONS FOR ALTERATION OF BIOPHYSICAL PROPERTIES OF MUCOSAL LINING

(51) International classification	:A61K 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/163,772	1)PULMATRIX, INC.
(32) Priority Date	:26/03/2009	Address of Applicant :99 HAYDEN AVENUE, LEXINGTON, MASSACHUSETTS 02421, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/028914	1)ROBERT W. CLARKE
Filing Date	:26/03/2010	2)RICHARD BATYCKY
(87) International Publication No	:WO 2010/111650	3)DAVID L. HAVA
(61) Patent of Addition to Application Number	:NA	4)MICHAEL M. LIPP
Filing Date	:NA	5)JEAN C. SUNG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions suitable for inhalation, comprising as an active ingredient calcium lactate or calcium citrate. The invention also relates to methods of treating, preventing, and reducing the spread of an infection of the respiratory tract, comprising administering a pharmaceutical composition that comprises calcium lactate or calcium citrate as an active ingredient.

No. of Pages : 67 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7415/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ARTICULATED PIPING FOR FLUID TRANSPORT APPLICATIONS

(51) International classification	:F16L 11/18
(31) Priority Document No	:61/164,113
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028417
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/111335
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARKEMA INC.

Address of Applicant :900 FIRST AVENUE, KING OF PRUSSIA, PENNSYLVANIA, 19406, U.S.A.

(72)Name of Inventor :

1)CHRISTOPHER A. BERTELO

2)ANTHONY DECARMINE

(57) Abstract :

An articulated pipeline assembly for the transport of fluids including a fluid conduit for transporting fluid and an articulating shell assembly that is positioned to encapsulate the fluid conduit. The articulating shell assembly includes a plurality of articulating shell segments, each articulating shell segment comprising both a ball and a socket, wherein the ball of each articulating shell segment is engaged with a socket of an adjacent articulating shell segment to form a ball and socket joint. Each articulating shell segment is configured to rotate with respect to an adjacent articulating shell segment by virtue of the ball and socket joint.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7417/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ANTIGEN PRESENTING CELL TARGETED ANTI - VIRAL VACCINES

(51) International classification	:C07K 19/00
(31) Priority Document No	:61/159,055
(32) Priority Date	:10/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026273
Filing Date	:01/03/2010
(87) International Publication No	:WO 2010/104748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYLOR RESEARCH INSTITUTE

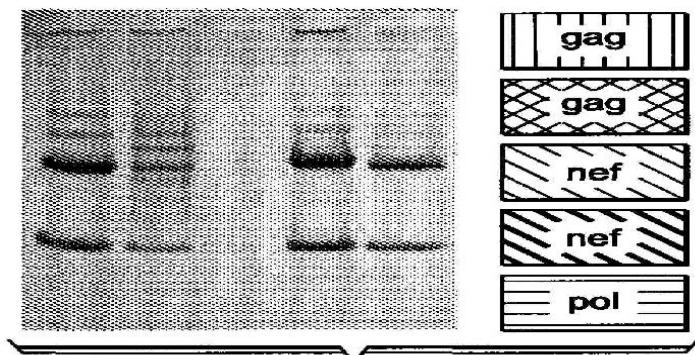
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DALLAS, TX 75201, U.S.A.

(72)Name of Inventor :

1)ZURAWSKI, GERARD
2)BANCHEREAU, JACQUES F.
3)FLAMAR, ANNE - LAURE
4)LEVY, YVES
5)MONTES, MONICA

(57) Abstract :

The present invention includes compositions and methods for the expression, secretion and use of novel compositions for use as, e.g., vaccines and antigen delivery vectors, to deliver antigens to antigen presenting cells. In one embodiment, the vector is an anti-CD40 antibody, or fragments thereof, and one or more antigenic peptides linked to the anti-CD40 antibody or fragments thereof, including humanized antibodies.



No. of Pages : 281 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7418/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRIC VEHICLE BATTERY CHARGING APPARATUS USING ELASTICITY OF SPIRAL SPRING

(51) International classification	:H02J 7/00	(71) Name of Applicant :
(31) Priority Document No	:20-2009-0007845	1)HAN, HYUN SUB
(32) Priority Date	:18/06/2009	Address of Applicant :111-158 MAETAN-DONG, YEONGTONG-GU SUWON-SI, GYEONGGI-DO 443-370 (KR)
(33) Name of priority country	:Republic of Korea	Republic of Korea
(86) International Application No	:PCT/KR2010/003870	(72) Name of Inventor :
Filing Date	:16/06/2010	1)HAN, HYUN SUB
(87) International Publication No	:WO 2010/147383	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are an electric vehicle battery charging apparatus and method using elasticity of a spiral spring. The apparatus includes right and left power generating devices and right and left power transmitting devices. The right and left power generating devices include two wheels installed separately from existing wheels, spiral springs and gears fixed on shafts of the respective wheels, an auxiliary control plate, and a shaft. The right and left power transmitting devices include a gear, an auxiliary gear and pulley, a belt, a generator pulley, and a both-side projecting generator that transmit power obtained from the right and left power generating devices to the battery. Here, the spiral springs are wound using a weight of the vehicle and consumption energy according to the weight thereof, and are unwound to generate elasticity that is new energy for allowing the battery to be charged by rotating a shaft of a generator without affecting a motor or a shaft of rear wheels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7421/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SHIELDING BRAID TERMINATION FOR A SHIELDED ELECTRICAL CONNECTOR

(51) International classification	:H01R 9/05
(31) Priority Document No	:09002945.5
(32) Priority Date	:02/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2010/050329
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/100467
(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)MARSH, JOHN

2)BAKER, ROBERT

(57) Abstract :

The present invention relates to shielded electrical cables and shielded electrical connectors to be affixed thereto, and in particular to the termination of the shielding braid provided at the electrical cable. According to the present invention, a shielding termination structure for engaging a shielding (104) of a shielded cable (100) having an insulated conductor (102) that is encompassed by said shielding is provided, said shielding termination structure (110) comprising: an electrically conductive shield body (114) for establishing an electrical connection between said shielding (104) and an electrically conductive interface (118), fixing means (126) for securing said shield body (114) at the interface (118); an electrically conductive spring element (120) that is arranged between said shield body (114) and the interface (118) for establishing the electric contact in a compressed state of the spring element (120). Fig 1

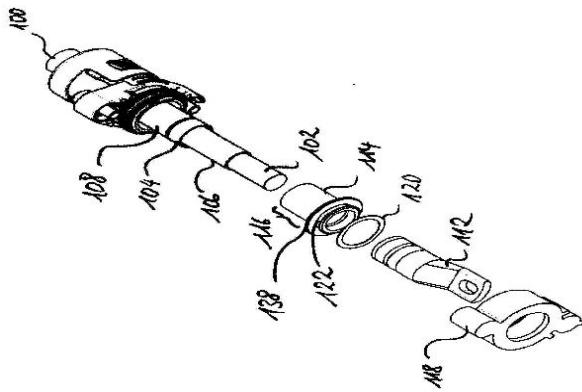


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7400/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THERMOCOUPLE TEMPERATURE SENSOR WITH CONNECTION DETECTION CIRCUITRY

(51) International classification	:G01K 7/13
(31) Priority Document No	:12/384,011
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/00968
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/117427
(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)KASZYNSKI ROBERT J.

2)GOETZINGER CHARLES E.

(57) Abstract :

An assembly includes a thermocouple (12, 14), a cold junction sensor (28), and a circuit (22, 30). The thermocouple has a process end (20) and a cold junction end (16, 18). The cold junction end (16, 18) has first (16) and second (18) cold junction terminals. The cold junction sensor (28) is supported near the cold junction end (16, 18) and configured to measure temperature at the cold junction end (16, 18). The circuit (22, 30) is electrically connected to the cold junction sensor (28) and to the first (16) and second (18) cold junction terminals. The circuit (22, 30) is configured to produce a thermocouple signal (44) as a function of voltage across the first (16) and second (18) cold junction terminals and to produce a cold junction sensor signal (46) as a function of temperature of the cold junction (16, 18) end as measured by the cold junction sensor (28). The circuit (22, 30) is further configured to calculate a correlation between the thermocouple signal (44) and the cold junction sensor signal (46).

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7423/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VINYL ESTER RESIN COMPOSITION

(51) International classification	:C08L 67/00
(31) Priority Document No	:09156128.2
(32) Priority Date	:25/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053808
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/108939
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

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(72)Name of Inventor :

1)SZKUDLAREK, MARIAN HENRYK

2)JANSEN, JOHAN FRANZ GRADUS ANTONIUS

(57) Abstract :

The present invention relates to a resin composition comprising (a) from 30 to 70 wt.% of a vinyl ester resin, (b) from 30 to 70 wt.% of reactive diluent, wherein the resin composition comprises methacrylate containing compound and an itaconate ester as reactive diluent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7429/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADDITIVES FOR INHIBITING GAS HYDRATE FORMATION

(51) International classification	:C09K 8/52
(31) Priority Document No	:10 2009 030 339.1
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003064
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/149253
(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)DIRK LEINWEBER

2)ALEXANDER ROESCH

3)CARSTEN SCHAEFER

(57) Abstract :

The invention relates to the use of polymers, containing between 1 and 100 mol% of structural units of the formula (1), wherein R1 means hydrogen or C1-C6 alkyl, A means C2-C4 alkylene groups, and B means C2-C4 alkylene groups, with the stipulation that A is different from B, and x and y mean an integer from 1 to 100 independent of each other, in amounts of 0.01 to 2 wt% relative to the water phase, as gas hydrate inhibitors.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7432/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR ADDING BINDER, DEVICE FOR ADDING BINDER, KNEADING MACHINE AND KNEADING METHOD

(51) International classification	:C22B 1/16	(71) Name of Applicant :
(31) Priority Document No	:2009-086593	1)NIPPON STEEL CORPORATION
(32) Priority Date	:31/03/2009	Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/056131	1)AKIRA KANEI
Filing Date	:31/03/2009	2)YOICHI ABE
(87) International Publication No	:WO 2010/114152	3)WATARU FUJIKI
(61) Patent of Addition to Application Number	:NA	4)KENICHI YAKASHIRO
Filing Date	:NA	5)JUNJI NAGATA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention has as its object the provision of a binder addition method and addition system which enable a binder aqueous solution to be uniformly-added to an iron ore material in the granulation of the iron ore material and enables the binder aqueous solution concentration and added amount to be controlled by a high precision and a fast speed. The binder addition method of the present invention sets a mixing nozzle 70 which mixes a binder stock solution and water individually supplied by a binder supply pipe 63 and water supply pipe 66 near a feedstock supply unit 55 of a kneader 50 and sprays a binder aqueous solution in which the binder stock solution and the water are mixed from the mixing nozzle 70 onto the iron ore material which is supplied to the feedstock supply unit 55 of the kneader 50.

No. of Pages : 63 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7439/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DENTAL ANESTHETIC COMPRISING TETRACAIN AND A VASOCONSTRICTOR FOR INTRANASAL ADMINISTRATION

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/166,680
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001002
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/114622
(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)KOLLAR MARK DAVID

(57) Abstract :

The present invention relates to tetracaine based anesthetic formulations and methods of use thereof. The invention further relates to topical formulations of tetracaine and methods of topically anesthetizing body tissues. The present invention also relates to tetracaine based dental anesthetic formulations and methods for anesthetizing the maxillary dental arch using these formulations.

No. of Pages : 37 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7422/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : UNSATURATED POLYESTER RESIN

(51) International classification	:C08G 63/52	(71) Name of Applicant :
(31) Priority Document No	:09156142.3	1)DSM IP ASSETS B.V.
(32) Priority Date	:25/03/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE HEERLEN, THE NETHERLANDS
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/053850	1)SZKUDLAREK, MARIAN HENRYK
Filing Date	:24/03/2010	2)JANSEN, JOHAN FRANZ GRADUS ANTONIUS
(87) International Publication No	:WO 2010/108965	3)DUYVESTIJN, STEFANUS JACOBUS
(61) Patent of Addition to Application Number	:NA	4)DI SILVESTRE, SILVANA RENSINA ANTONNIETTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an unsaturated polyester resin comprising itaconate ester units as reactive unsaturation, wherein the resin comprises itaconate, citraconate and mesaconate ester units. Preferably, the resin comprises itaconate, citraconate and mesaconate ester units in an amount of from 40 to 90 mol% itaconate, from 2 to 30 mol% citraconate and from 5 to 40 mol% mesaconate in which 100 mol% is the total amount of itaconate, citraconate and mesaconate esters units.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7445/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HORIZONTAL MACHINE TOOL

(51) International classification	:B23Q 1/56
(31) Priority Document No	:2009-084039
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054227
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/113617
(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)HIROSHIMA KOJI

2)HORII MUNEYOSHI

3)MURAI SHIRO

(57) Abstract :

A horizontal machine tool (1) includes a base frame (10) where workpiece support faces (11c) for supporting a workpiece are formed at front portions; an X-axis saddle (20) attached to a back-face portion (12b) of the base frame (10) through an X-axis movement mechanism (50) universally slidably in a left-right direction; a Y-axis saddle (30) attached to the X-axis saddle (20) through a Y-axis movement mechanism (60) universally shdably in an up-down direction; and a spindle device (40) attached to the Y-axis saddle(30) through a Z-axis movement mechanism (70) universally shdably in a front-rear direction. According to this configuration, it is possible to make a whole of the horizontal machine tool a small size and lightweight and to enhance machining accuracy of the workpiece.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7447/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DETERMINATION OF THE INTERNAL RESISTANCE OF A BATTERY CELL OF A TRACTION BATTERY WHILE USING RESISTIVE CELL BALANCING

(51) International classification	:G01R 31/36
(31) Priority Document No	:10 2009 002 465.4
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052376
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/118909
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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(72)Name of Inventor :

1)FINK, HOLGER

(57) Abstract :

Described herein is a method and a device for determining an internal resistance of a battery cell (1a) of a battery (1). Further, a resistive cell balancing is carried out for balancing charging state of the battery cell (1a). The method includes determining a first voltage applied to the battery cell (1a) and a first current flowing from or to the battery cell at a first time during removal or supply of the charge; determining a second voltage applied to the battery cell (1a) and a second current flowing from or to the battery cell (1a) at a second time during removal or supply of the charge; and calculating the internal resistance of the battery cell (1a) on the basis of quotients of a difference of the second voltage and the first voltage and a difference of the second current and the first current.

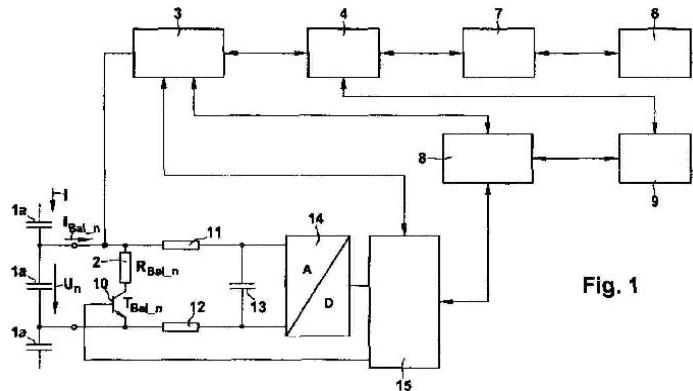


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7449/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR OPERATING AN INJECTION VALVE

(51) International classification	:F02D 41/20
(31) Priority Document No	:10 2009 002 483.2
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053503
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/121868
(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)RAPP, HOLGER

3)HOANG, ANH-TUAN

4)DEISTLER, ACHIM

(57) Abstract :

A method for operating an injection valve (18a) is described, in which a valve needle (28) is driven by means of an electromagnetic actuator (26, 30). Depending on at least one electrical operating variable, a variable that characterizes an acceleration of a magnetic armature of the electromagnetic actuator is formed. Depending on the variable characterizing the acceleration, an operating state of the injection valve (18a) is determined. The valve needle (28) is subjected to a spring force such that the magnetic armature (30) remains connected to the valve needle (28) so that the magnetic armature (30) in relation to a moving direction of the valve needle (28) is moved with a non-oscillating mechanical play relative to the valve needle (28). Characteristics of the variable characterizing the acceleration of the magnetic armature are determined and then the magnetic armature (30) is disconnected from the valve needle (28).

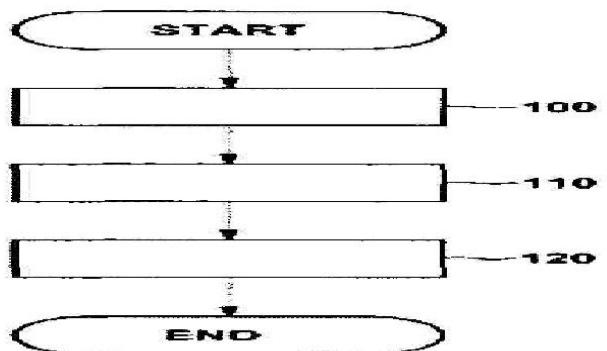


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7412/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LINEAR SURFACE COVERING SYSTEM

(51) International classification	:E04B 9/26
(31) Priority Document No	:61/156,036
(32) Priority Date	:27/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/0000634
Filing Date	:01/03/2010
(87) International Publication No	:WO 2010/098889
(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)NATHAN J. BAXTER

2)ERIC KRANTZ-LILIENTHAL

(57) Abstract :

The invention relates to a surface covering system, and, more specifically, to an improved linear surface covering system. The improvement includes each plank of the system having multi-directionally cut grooves. The improvement further includes clip projections which conform substantially to a notch formed by the multi-directional grooves. The system also includes an improved splice plate for stabilizing two adjacent planks positioned in end-to-end relation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.7413/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE-BASED CONTROL SYSTEM

(51) International classification	:G06F 15/173
(31) Priority Document No	:61/162,245
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028125
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/108171
(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)MUTHUKUMARASA MY. SIVASUBRAMANIAN

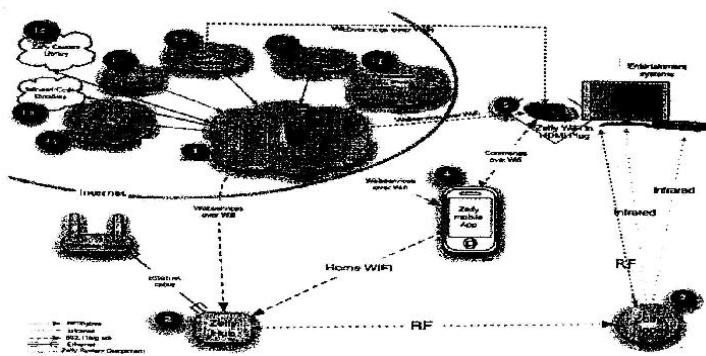
2)ARUNACHALAM, THIRUMALAI

3)KRISHNAN, BALAMURUGAN

(57) Abstract :

A Device-Based Control System (DBCS) enables a device-agnostic and source- agnostic entertainment experience through use of an internet-enabled device (IED). The IED includes a media management application for navigating through media or entertainment content, controlling media devices according to a type of media content selected by the user, and sharing media experiences via social networks. The IED includes smartphones, tablet computers, and other internet-enabled processor-based devices. The DBCS leverages the internet access of the IED to enable search and discovery of all available media content. A content recommendation system (CRS) coupled to the media management application learns media preferences from user behavior, generates from numerous disparate media sources media choices corresponding to the media preferences, and presents the media choices on the IED. Figure 1

FIGURE 1



No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7452/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ANTIBODY DRUG CONJUGATES (ADC) THAT BIND TO 24P4C12 PROTEINS

(51) International classification

:A61K 39/00

(31) Priority Document No

:61/158,143

(32) Priority Date

:06/03/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/026429

Filing Date

:05/03/2010

(87) International Publication No

:WO 2010/111018

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AGENSYS, INC.

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1)GUDAS, JEAN

2)JAKOBIVITS, AYA

3)AN, ZILI

4)MORRISON, ROBERT, KENDALL

5)MORRISON, KAREN, JANE MEYRICK

6)JIA, XIAO-CHI

7)BENJAMIN, DENNIS

8)MOSER, RUTH

9)SENTER, PETER

(57) Abstract :

Antibody drug conjugates (ADC's) that bind to 24P4C12 protein and variants thereof are described herein. 24P4C12 exhibits tissue specific expression in normal adult tissue, and is aberrantly expressed in the cancers listed in Table I. Consequently, the ADC's of the invention provide a therapeutic composition for the treatment of cancer.

No. of Pages : 220 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7453/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADENYLYL CYCLASE-ASSOCIATED PROTEIN (CAP1) AND USES THEREOF AS A TARGET FOR IMMUNO-MODULATION

(51) International classification	:C07K 16/28	(71) Name of Applicant : 1)PROTAB LTD. Address of Applicant :P.O. BOX 12000, 91120 JERUSALEM, ISRAEL
(31) Priority Document No	:61/164,489	
(32) Priority Date	:30/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/IL2010/000231 :21/03/2010	(72) Name of Inventor : 1)NAPARSTEK, YAAKOV 2)MOALLEM, ELI
(87) International Publication No	:WO 2010/113148	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the use of Adenylyl Cyclase-Associated Protein (CAPI) as a target for immuno-modulation. More specifically, the invention relates to the use of compounds that interact and bind CAPI, specifically, anti-CAP1 antibodies, and/or to CAPI molecule or any fragments thereof, for the treatment of immune-related disorders by modulation of the Th1/Th2 balance. The invention further provides screening method for immuno-modulatory compounds that interact with CAP1.

No. of Pages : 139 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7457/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MICRONIZED POLYMER POWDER AND COSMETIC COMPOSITION THEREOF

(51) International classification	:A61K 8/85
(31) Priority Document No	:09290289.9
(32) Priority Date	:17/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/031249
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121032
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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

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WILMINGTON, DELAWARE 19898, U.S.A.

(72)Name of Inventor :

1)MAGNIN, OLIVIER

2)GHERARDI, CAROLE

3)RASPAIL, VINCENT

4)GRANJOU, LUDOVIC

(57) Abstract :

The invention provides a micronized polymer powder composition for the use in personal care and cosmetics, the micronized polymer powder composition comprising at least one thermoplastic polyester based on at least one diol and at least one dicarboxylic acid selected from the group consisting of cyclic and branched aliphatic dicarboxylic acids having 4-12 carbon atoms and aromatic dicarboxylic acids having 8-12 carbon atoms. The present invention provides also a cosmetic composition comprising the at least one micronized polymer powder composition according to the invention. The Composition according to the invention provides a high-performed gentle exfoliation property of skin care and cosmetic compositions without creating micro cuts and irritation of the skin surface while still providing the range of desired care properties.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7450/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TREATMENT REGIMEN UTILIZING NERATINIB FOR BREAST CANCER

(51) International classification	:A61K 31/4709
(31) Priority Document No	:61/166,796
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028448
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/117633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)WYETH LLC

Address of Applicant :FIVE GIRALDA FARMS, MADISON,
NEW JERSEY 07940 U.S.A.

(72)**Name of Inventor :**

1)BERKENBLIT, ANNA

2)BINLICH, FLORENCE

3)GOSS, PAUL

(57) Abstract :

An extended regimen for treatment of HER-2/neu overexpressed/amplified cancer is described, with involves delivering a course of neratinib therapy to HER-2/neu overexpressed/amplified cancer patients following the completion of surgical and adjuvant therapy. The neratinib regimen may be continued for upwards of twelve months to five years. Also provided are pharmaceutical kits designed to facilitate compliance with the regimen.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7464/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING A CONVENTIONAL INTEGRATED CATHETER WITH UNIVERSAL GRIP

(51) International classification	:A61M 25/06
(31) Priority Document No	:12/411,821
(32) Priority Date	:26/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/028339 :23/03/2010
(87) International Publication No	:WO 2010/111285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON, DICKINSON AND COMPANY

Address of Applicant :1 BECTON DRIVE FRANKLIN
LAKES NEW JERSEY 07417-1880 U.S.A.

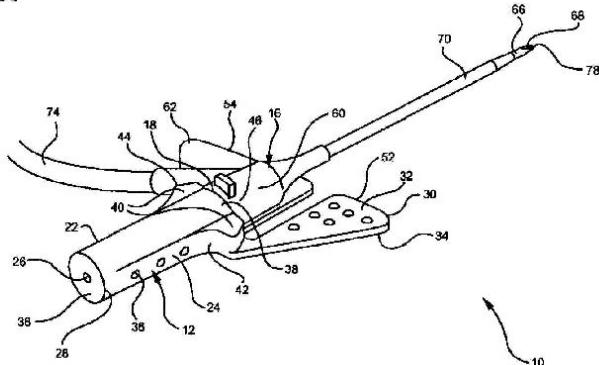
(72)Name of Inventor :

1)BURKHOLZ, JONATHAN KARL

(57) Abstract :

A universal gripping surface is provided on an intravenous catheter assembly (10). The universal gripping surface provides a plurality of surfaces (32, 34, 22, 24, 26, 52, 54, 152) whereby a user may grip the catheter assembly (10) in a desired gripping configuration for improved balance and control of the catheter assembly (10) during insertion of the catheter. Additionally, the universal gripping surface includes a guard feature to prevent a user's unintended contact with various components of the catheter assembly (10) whereby the contact may result in an undesirable over the bevel condition.

FIG. 1A



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7465/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING A SAFETY INTEGRATED CATHETER WITH UNIVERSAL GRIP

(51) International classification	:A61M 25/06
(31) Priority Document No	:12/411,812
(32) Priority Date	:26/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/028337 :23/03/2010
(87) International Publication No	:WO 2010/111283
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)BECTON, DICKINSON AND COMPANY

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LAKES NEW JERSEY 07417-1880 U.S.A.

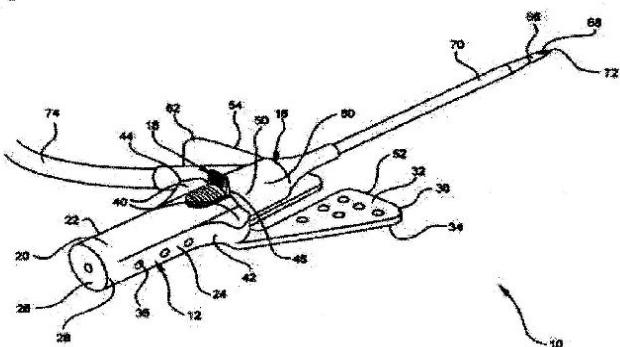
(72)Name of Inventor :

1)BURKHOLZ, JONATHAN KARL

(57) Abstract :

A universal gripping surface is provided on an intravenous catheter assembly. The universal gripping surface provides a plurality of surfaces whereby a user may grip the catheter assembly in a desired gripping configuration for improved balance and control of the catheter assembly during insertion of the catheter. Additionally, the universal gripping surface includes a guard feature to prevent a user's unintended contact with various components of the catheter assembly whereby the contact may result in an undesirable over the bevel condition.

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7468/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING TIME IN PASSIVE OPTICAL NETWORK

(51) International classification	:H04B 10/00
(31) Priority Document No	:200910080379.0
(32) Priority Date	:20/03/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074351
Filing Date	:30/09/2009
(87) International Publication No	:WO 2010/105475
(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 :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)LU, JIANXIN

2)WANG, JINGXUAN

(57) Abstract :

The present invention discloses a method and system for accurate time transfer in PON, used to solve the technical problems of the processing procedure being complicated, the protocol workload being huge and excessive network bandwidth being occupied when using the Precision Time Protocol in network to transfer time in PON. In the present invention, an Optical Line Terminal (OLT) ranges Optical Network Units (ONUs) and obtains ranging information, then, triggered by the periodic Pulse per n Second (PPnS), generates a PPnS timestamp based on the local reference counter and the Time of Day (TOD) above second; OLT transmits the ranging information, the periodic PPnS timestamp and TOD to ONUs; ONUs predicts the time of the next second according to said periodic PPnS timestamp, TOD and ranging information, and outputs the corresponding PPnS. The invention is characterized by the combination of the features of PON point to multi-point and PON ranging into its time transfer method, the high accuracy of time transfer, and the low hardware costs for OLT and ONU, as well as the extremely small bandwidth occupancy due to the usage of a single copy of PON itself to broadcast the time information.

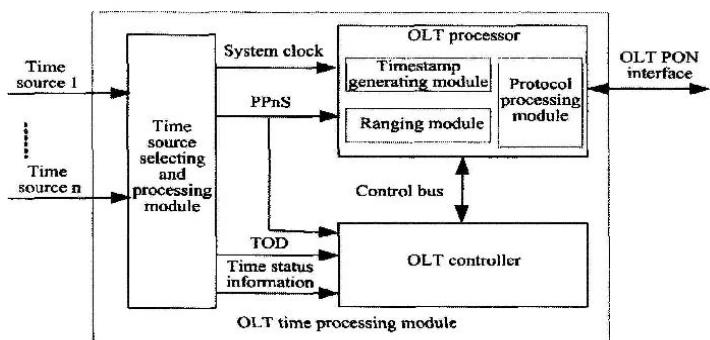


FIG. 2

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7471/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND DEVICE FOR INITIATING SYSTEM ON CHIP

(51) International classification	:G06F 9/445
(31) Priority Document No	:200910147766.1
(32) Priority Date	:19/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073671
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/145478
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)WENG, YUNFENG

(57) Abstract :

A method and apparatus for starting a system on chip, this method includes: enumerating all interfaces which are able to start after the system on chip is powered on and an initial boot program is started; and reading measurement data of each starting interface in sequence, and when it is detected that a certain starting interface has connected with a starting device and this starting device is the only one, load a subsequent boot program from this starting interface to complete system starting. The method solves the problem that the system on chip is only able to be started in the fixed configuration from the fixed interface or device, and the system on chip is unable to be started once the external starting environment changes existing in the prior art.

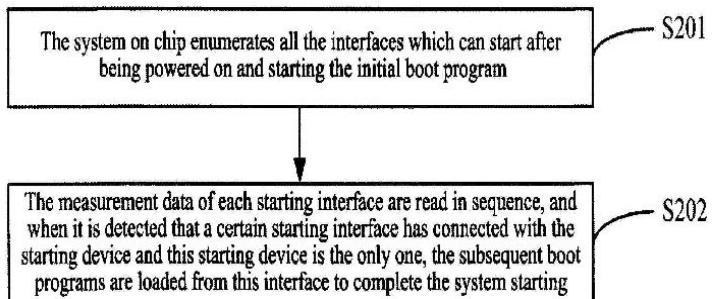


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7441/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESSES FOR INHIBITING FOULING IN HYDROCARBON PROCESSING

(51) International classification	:C10G 19/02
(31) Priority Document No	:12/421,181
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025406
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/117512
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)LINK JOHN

2)CHANG ZEN-YU

(57) Abstract :

A method for inhibiting the formation of fouling materials including contacting hydrocarbon media containing carbonyl compounds with hydroxylamine and naphthalene sulfonate while treating the hydrocarbon media with a basic wash.

No. of Pages : 13 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7480/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MEMBRANE SYSTEM WITH SUFFICIENT BUFFERING CAPACITY

(51) International classification :G01N 27/26
(31) Priority Document No :61/161,671
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/027697
 Filing Date :17/03/2010
(87) International Publication No :WO 2010/107941
(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)HENRY OVIATT, JR.

2)JAMES R. PETISCE

3)CHARLES MOONEY

(57) Abstract :

Electrochemical sensors for measurement of an analyte comprising an analyte sensing membrane comprising at least one salt of acetate ion, carbonate ion, bicarbonate ion, or mixtures thereof Sensor testing methods comprising contacting an electrochemical sensor with an aqueous solution comprising at least one salt of acetate ion, carbonate ion, bicarbonate ion, or mixtures thereof and contacting the electrochemical sensor with one or more concentrations of analyte, the one or more concentrations of analyte being in the clinical concentration range of the analyte.

No. of Pages : 64 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7481/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD OF DETECTING BOTULINUM TOXIN TYPE A (BONT/A) ACTIVITY BY USE IN A CELL BASED ASSAY

(51) International classification	:C12N 5/079	(71) Name of Applicant :
(31) Priority Document No	:61/160,199	1)ALLERGAN INC.
(32) Priority Date	:13/03/2009	Address of Applicant :2525 DUPONT DRIVE, T2-7H IRVINE, CA 92612, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/027242	1)BIRGITTE P.S. JACKY
Filing Date	:12/03/2010	2)JOANNE WANG
(87) International Publication No	:WO 2010/105234	3)HANG ZHU
(61) Patent of Addition to Application Number	:NA	4)D, DIANNE HODGES
Filing Date	:NA	5)ESTER FERNANDEZ-SALAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present specification discloses clonal cell lines susceptible to BoNT/A intoxication, methods of producing such clonal cell lines, and methods of detecting Botulinum toxin serotype A activity using such clonal cell lines.

No. of Pages : 531 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7482/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD FOR IDENTIFYING A MOBILE TELEPHONE

(51) International classification	:H04W 12/12
(31) Priority Document No	:0950235-2
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2010/054009
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/115732
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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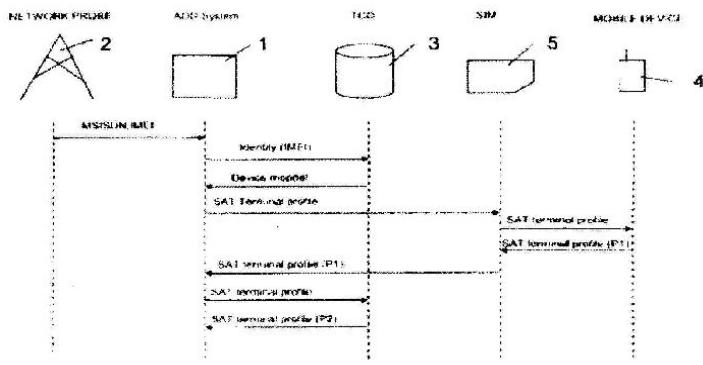
(72)Name of Inventor :

1)THORSTENSSON, PAR

2)RONKAINEN, TOMI

(57) Abstract :

Method for identifying a mobile telephone, a device, where there is a ADD system (1) (Automatic Device Detection) system connected to a network (2) for mobile communication, the ADD system comprising a TCD (3) (Terminal Capabilities Database) with SAT (SIM Application Toolkit) terminal profile values stored for all device (4) models. The invention is characterised in, the steps of retrieving the IMEI (International Mobile Equipment Identity) number from the device (4), retrieving the device model and the SAT terminal profile (P2) from the TCD (3) by means of the retrieved IMEI, obtaining the SAT terminal profile (PI) of the actual device (4), comparing the SAT terminal profile (P1) of the actual device with the SAT terminal profile (P2) obtained from the TCD (3) in the ADD system (1) and considering the device (4) as having the right IMEI number in case the SAT terminal profile of the actual device (P1) and the SAT terminal profile (P2) obtained from the TCD (3) coincide..



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7483/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR ESTIMATING THE DIRECTION OF ARRIVAL OF A SOUND

(51) International classification	:H04R 25/00
(31) Priority Document No	:2009903730
(32) Priority Date	:11/08/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001016
Filing Date	:10/08/2010
(87) International Publication No	:WO 2011/017748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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UNIVERSITY OF MELBOURNE, MELBOURNE, VICTORIA,
3010, AUSTRALIA

(72)**Name of Inventor :**

1)MEJIA, JORGE PATRICIO

(57) Abstract :

Systems and methods for estimating the direction of arrival of sounds are disclosed, one method including the steps of: forming a reference signal; detecting sound with two or more spatially separated, directional or spatially separated directional, microphones to produce two or more output signals; calculating the relationships between each of the two or more output signals and the reference signal; and estimating the direction of arrival based on differences between the relationships.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7485/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THERMOELECTRIC GENERATOR UNIT

(51) International classification	:H01L 35/30
(31) Priority Document No	:A 526/2009
(32) Priority Date	:02/04/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/054369
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/112571
(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 :HANS-LIST-PLATZ 1, A - 8020 GRAZ, AUSTRIA

(72)Name of Inventor :

1)SALZGEBER, KURT

(57) Abstract :

The invention relates to a thermoelectric generator unit (1) comprising at least one thermoelectric module (2), which comprises an exhaust gas heat exchanger (3) on one side and a coolant heat exchanger (4) on the opposite side in a sandwich-like arrangement, wherein the exhaust gas heat exchanger and the coolant heat exchanger (3, 4) are designed as flat tubes, the flat sides (9, 13) of which are each connected by means of lateral wall sections (10, 20). According to the invention, side walls (15) are fastened to the lateral wall sections (10, 20) of at least the two heat exchangers (3, 4) lying on the outside, which side walls absorb the clamping forces for an even, permanent compression of the individual elements (2, 3, 4) of the thermoelectric generator unit (1). The thermoelectric module (2) is laterally sealed by means of the side walls (15) that absorb the clamping forces.

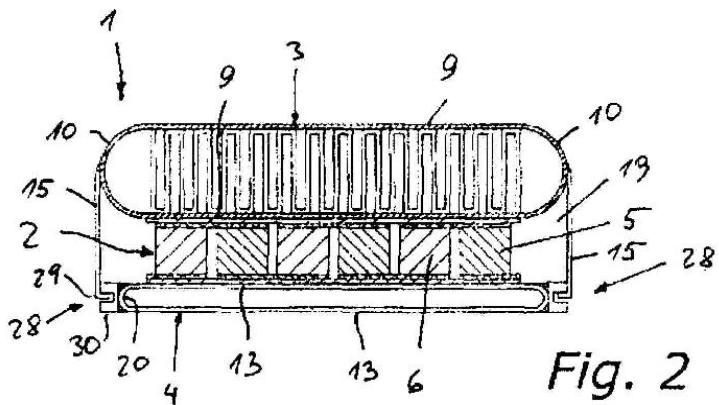


Fig. 2

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7458/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LINKED COKE DRUM SUPPORT

(51) International classification	:C01B 33/00
(31) Priority Document No	:12/408,582
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027694
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/107938
(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)LAH, RUBEN, F.

(57) Abstract :

A linked coke drum connection to minimize the stresses experienced by the joint between the coke drum and the supporting structure of the coke drum is described. The connection may be attached to a circumferential connection plate attached to the coke drum or directly to the drum. Some embodiments connect to a segmented circumferential connection plate. The connection includes a coke drum link, a connecting link, and a ground link. The links are pivotally connected with connecting pins. As the coke drum is heated and expands, the connecting link pivots outwardly about a point centered in the connecting pin in the ground link.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7492/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITIONS TO COMBAT ECTOPARASITES

(51) International classification	:A01N 37/44
(31) Priority Document No	:0905165.7
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000569
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/109198
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NETTFORSK AS

Address of Applicant :P.O. BOX 52, N-4801 ARENDAL,
NORWAY

(72)Name of Inventor :

1)JOHANNESSEN, BAARD

(57) Abstract :

The present invention provides a method of pesticidal treatment of vertebrate aquatic animals, in particular fish, which method comprises applying to said aquatic animals, typically topically or, more preferably, by administration into water in which said aquatic animals are contained, a topical pesticidal composition comprising a pyrethroid and an organophosphate biocide in a weight ratio of 1:20 to 10:1, particularly 1 : 10 to 5: 1, especially 1 :3 to 3: 1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7493/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LOW LOSS BOARD TO BOARD CONNECTOR SYSTEM

(51) International classification	:H01R 12/20
(31) Priority Document No	:12/422,837
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001081
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/120352
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TYCO ELECTRONICS CORPORATION

Address of Applicant :1050 WESTLAKES DRIVE,
BERWYN, PENNSYLVANIA 19312, U.S.A.

(72)**Name of Inventor :**

1)MORLEY, STEPHEN T.

(57) Abstract :

A board to board connection system is disclosed for RF signals, and comprises coaxial interconnection systems which interconnect a daughter card to a backplane.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7498/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STRETCHABLE LAMINATES OF NONWOVEN WEB(S) AND ELASTIC FILM

(51) International classification	:B32B 25/10
(31) Priority Document No	:61/167,638
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030373
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118220
(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 :ONE PROCTER & GAMBLE PLAZA,
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(72)**Name of Inventor :**

1)TURNER ROBERT HAINES

2)ZGODA DONALD

3)DANIELS WALTER DOUGLAS

4)BADER JIM THOMAS

5)GALVIS ERIKA FABIOLA

(57) Abstract :

A stretchable laminate, a process of making a stretchable laminate and a disposable absorbent article that includes a stretchable laminate are disclosed. The stretchable laminate includes a nonwoven web and a web of elastomeric material. The nonwoven web includes two layers of spunbond fibers and one layer of meltblown fibers. Some of the meltblown fibers are present in the interstices formed by the spunbond fibers of one of the layers. As a result of activation of the stretchable laminate, the nonwoven web has a Residual Maximum Peak Force of at least 0.3 N/cm.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.75/DELNP/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INTERMEDIATE BEARING DEVICE WITH TOOTHING REINFORCEMENT FOR STARTER

(51) International classification	:F16H 55/17
(31) Priority Document No	:102009028926.7
(32) Priority Date	:27/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/062037
Filing Date	:18/08/2010
(87) International Publication No	:WO 2011/023611
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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STUTTGART, GERMANY

(72)Name of Inventor :

1)FISCHER, THOMAS

2)BILSING, THOMAS

3)PAVEL, ZSOLT

(57) Abstract :

The present subject matter relates to an intermediate bearing device (1) for a cranking apparatus, in particular for a starter for cranking an internal combustion engine, including a toothed region (3) having a base section (4) and tooth sections (5) formed thereon, for receiving gearwheels in a bearing manner. The toothed region (3) is formed as a composite toothed region (8), in which means for increasing the tooth strength are integrated.

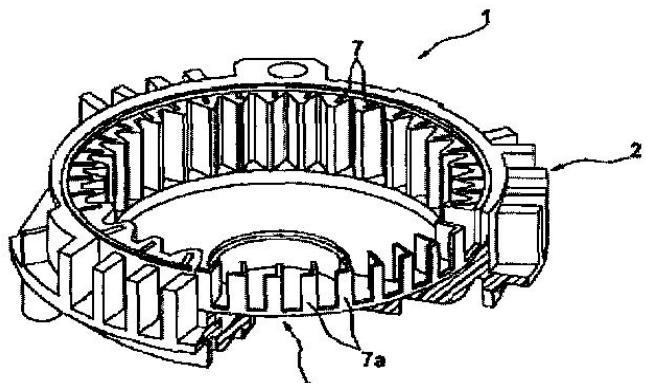


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7500/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DOUBLE SELF-ALIGNED METAL OXIDE TFT

(51) International classification	:H01L 21/336
(31) Priority Document No	:12/427,200
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027162
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/123633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CBRITE INC.

Address of Applicant :421 PINE AVE., GOLETA, CA 93117-3709 U.S.A.

(72)Name of Inventor :

1)SHIEH CHAN-LONG

2)YU GANG

(57) Abstract :

A method of fabricating metal oxide TFTs on transparent substrates includes the steps of positioning an opaque gate metal area on the front surface of the substrate, depositing transparent gate dielectric and transparent metal oxide semiconductor layers overlying the gate metal and a surrounding area, depositing transparent passivation material on the semiconductor material, depositing photoresist on the passivation material, exposing and developing the photoresist to remove exposed portions, etching the passivation material to leave a passivation area defining a channel area, depositing transparent conductive material over the passivation area, depositing photoresist over the conductive material, exposing and developing the photoresist to remove unexposed portions, and etching the conductive material to leave source and drain areas on opposed sides of the channel area.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7486/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RESIN COMPOSITION

(51) International classification	:C08F 283/01
(31) Priority Document No	:09156129.0
(32) Priority Date	:25/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053812
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/108941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)SZKUDLAREK, MARIAN HENRYK

2)JANSEN, JOHAN FRANZ GRADUS ANTONIUS

3)BLEEKER, LAURENCE JEROEN

(57) Abstract :

The present invention relates to a resin composition comprising (a) from 30 to 80 wt.% of an unsaturated polyester resin and/or a vinyl ester resin and (b) from 10 to 50 wt.% of styrene, wherein the resin composition further comprises (c) an ester of itaconic acid and (d) a paraffin oil and/or a paraffin wax.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7487/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FLEXIBLE POLYMER

(51) International classification	:C8G 69/34
(31) Priority Document No	:09158263.5
(32) Priority Date	:20/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055155
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122002
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM ASSETS B.V

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(72)Name of Inventor :

1)NIJENHUIS, ATZE JAN

2)OZYUREK, ZEYNEP

(57) Abstract :

Thermoplastic elastomer containing hard segments and soft segments, the soft segments containing the residue of a dimerised fatty acid and the residue of a dimerised fatty amine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7507/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR EVALUATING FASTENING STATE OF THREADED JOINT OF PIPES OR TUBES, METHOD FOR FASTENING THREADED JOINT OF PIPES OR TUBES, AND APPARATUS FOR EVALUATING FASTENING STATE OF THREADED JOINT OF PIPES OR TUBES

(51) International classification	:G01N 29/00
(31) Priority Document No	:2009/086411
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/054624 :18/03/2010
(87) International Publication No	:WO 2010/113651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SUMITOMO METAL INDUSTRIES, LTD.

Address of Applicant :5-33, KITAHAMA 4-CHOME CHUOKU, OSAKA-SHI, OSAKA 541-0041, JAPAN

(72)**Name of Inventor :**

1)HOSHINO, IKUJI

2)YAMANO, MASAKI

3)SAKAMOTO, MAKOTO

4)NAKAMURA, KEIICHI

5)MASUBUCHI, JUN

6)SAKAI, KENTA

(57) Abstract :

The present invention provides a method which allows simply, easily and accurately evaluating the fastening state of shoulder parts of a threaded joint for use as a joint of pipes or tubes, such as OCTG, during fastening or after fastening. The fastening state evaluation method for a threaded joint 100 of pipes or tubes according to the present invention is characterized in that it transmits ultrasonic surface waves from the internal surface of either one of the pin 1 and the box 2 toward the internal surface of the other one of the pin 1 and the box 2 through the shoulder parts 13,23 of the pin 1 and the box 2, and on the basis of the transmitted wave intensity or the reflected wave intensity thereof, determines whether or not the fastening state of the threaded joint 100 is satisfactory.

No. of Pages : 43 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7508/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ULTRASONIC TESTING APPARATUS FOR PIPE OR TUBE END PORTION

(51) International classification	:G01N 29/04
(31) Priority Document No	:2009-081422
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052146
Filing Date	:15/02/2010
(87) International Publication No	:WO 2010/116791
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUMITOMO METAL INDUSTRIES, LTD.

Address of Applicant :5-33,KITAHAMA 4-CHOME CHUO-KU, OSAKA-SHI OSAKA 541-0041, JAPAN

(72)Name of Inventor :

1)FUJIWARA, KENJI

2)KUBOTA, HIROSHI

3)OBATA, TOMOYUKI

4)YAMANO, MASAKI

(57) Abstract :

The object of the present invention is to provide an ultrasonic testing apparatus for a pipe end portion, which enables accurate ultrasonic testing by the stable interposition of a coupling medium between the pipe end portion and an ultrasonic probe. The ultrasonic testing apparatus 100 comprises: an ultrasonic probe 1 which is disposed under the end portion of a pipe P laid in the horizontal direction to face the pipe end portion, the ultrasonic probe 1 transmitting ultrasonic waves to the end portion of the pipe and receiving the ultrasonic waves therefrom; and a probe holder 2 housing the ultrasonic probe which is disposed under the end portion of the pipe to face the pipe end portion and follows the pipe rotating in the circumferential direction. The probe holder comprises a coupling medium reserver part which surrounds a space between the ultrasonic probe and the end portion of the pipe to contain a coupling medium W therein. The coupling medium reserver part comprises: a coupling medium reserver part body 21 into which the coupling medium is supplied; an annular bellows part 22 which is attached to the upper side of the coupling medium reserver part body so as to internally communicate with the coupling medium reserver part body, and can expand and contract vertically; and an annular spacer 23 which is attached to the upper side of the bellows part, and at least the upper surface of the annular spacer is a flat horizontal surface.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7509/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LOW PROFILE ULTRASOUND INSPECTION SCANNER

(51) International classification	:G01N 29/07
(31) Priority Document No	:12/398704
(32) Priority Date	:05/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020960
Filing Date	:14/01/2010
(87) International Publication No	:WO 2010/101670
(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 :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND

(72)Name of Inventor :

1)BRIGNAC JACQUES L

(57) Abstract :

An inspection scanner [1000] is described that has a low profile construction designed to fit into tight spaces and inspect structures [10] such as weld joints [13]. Wheel frame assemblies [1100, 1200] carry a probe holder assembly [1110] with an ultrasonic (US) array [1400] that emits US beams through the structure [10] and receives reflected sound waves. The probe holder assembly [1110] extends and US beam is angled away to inspect in tight locations. The wheel frame assemblies [1100, 1200] roll on wheels [1140, 1240] that drive an encoder [1250]. Encoder [1250] provides the specific locations for the received sound waves with respect to the weld. The locations and received sound waves are used to reconstruct a signal showing imperfections inside of structure [10]. The wheels [1140, 1240] may be magnetic to hold it to the structure [10] being inspected. A brake system [1600] may be employed to hold the inspection scanner [1000] at a given location.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7473/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RUBBER COMPOSITION AND TYRE USING SAID COMPOSITION

(51) International classification	:C08K 3/34
(31) Priority Document No	:0952062
(32) Priority Date	:31/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/054226
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/112515
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN

Address of Applicant :12 COURS SABLON F-63000 CLERMONT-FERRAN, FRANCE

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)**Name of Inventor :**

1)DAVID LAVIALLE

2)JACQUES BESSON

(57) Abstract :

The present invention relates to a rubber composition based on at least a diene elastomer, a reinforcing filler and a crosslinking system, characterized in that it comprises at least 10 to 150 phr of a platy filler and from 0.01 to 0.3 phr of a metal salt. This composition has good processing and mechanical properties, and also improved oxygen impermeability properties over a wide temperature range, from ambient temperatures when the tyre is stationary up to the temperatures of the tyre when it is running. According to one preferred embodiment of the invention, the rubber composition described above can be used in the tyre as a protective elastomer layer in at least one part of the tyre.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7474/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD OF CRUSHING IRON ORE MATERIAL

(51) International classification	:C22B 1/16
(31) Priority Document No	:2009-086622
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052800
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/113571
(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)AKIRA KANEI

2)YOICHI ABE

3)SHINJI KAWACHI

4)KENICHI YAKASHIRO

5)JUNJI NAGATA

(57) Abstract :

The present invention has as its object the provision of a method of crushing iron ore material which enables an increase in the amount of fine powder of the iron ore material. It provides a method of crushing iron ore material using a roll crusher characterized by mixing a first iron ore material which is to be crushed with a second iron ore material which is higher in hardness than that first iron ore material as a crushing aid and charging the mixed first iron ore material and second iron ore material into the roll crusher for crushing.

No. of Pages : 42 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.7476/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HEADREST AND VEHICLE SEAT

(51) International classification	:B60N 2/48
(31) Priority Document No	:10 2009 015 251.2
(32) Priority Date	:01/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002092
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/112227
(61) 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 CONTROLS GMBH

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(72)Name of Inventor :

1)BERND GROSS

2)HANS-GEORG WERNER

3)JOSHUA HESTERBERG

4)SACHIN BHARAMBE

5)THOMAS FROTZ

6)DENIS QUANDT

(57) Abstract :

The invention relates to a headrest and a vehicle seat equipped with said headrest, in particular for a motor vehicle

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7518/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND APPARATUS FOR OPERATING A POWER SOURCE CONNECTED TO A MANUALLY ACTUATED IMPLEMENT

(51) International classification	:B23K 9/02
(31) Priority Document No	:A 509/2009
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000090
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/111722
(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)ROBERT SCHIEFERMULLER

2)WOLFGANG BRUNMAYR

3)CHRISTIAN POINTNER

(57) Abstract :

The invention relates to a method and to an apparatus for operating a power source (1) connected to a manually actuated implement (4) by a user, wherein parameters of the power source (1) are set by way of operating elements (3) of an operating and display unit (2) and a movement of the implement (4) in the space is captured by way of an evaluation unit (9) disposed in the power source (1). In order to enable fast and rapid operation of the power source (1), even without removing a potentially present protective clothing of the user, it is provided for an operating function to be activated at the power source (1), whereupon the movement of the implement (4) in the space (6) is captured and a position of the implement (4) resulting from said movement is associated with the operating and display unit (2).

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7521/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DETECTION SYSTEM COMPRISING A LIGHT GUIDE FOR DIRECTING RADIATION TO A REACTION CHAMBER

(51) International classification	:G01N 21/03	(71) Name of Applicant : 1)SELEX GALILEO LIMITED Address of Applicant :CHRISTOPHER MARTIN ROAD, BASILDON, ESSEX SS14 3EL, UNITED KINGDOM
(31) Priority Document No	:0905325.7	
(32) Priority Date	:30/03/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/EP2010/054175	(72) Name of Inventor :
Filing Date	:30/03/2010	1)IAN CRAIG
(87) International Publication No	:WO 2010/112495	
(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 detecting small quantities of agent such as DNA in a larger volume of substance is disclosed. The system includes a radiation emitter arranged so as to emit radiation on to a quantity of substance containing the agent. The incident radiation excites the agent causing it to emit radiation detectable by suitable detection means. The incident and emitted radiation are directed by a light guide that also acts so as to contain the substance being monitored.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7522/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CARBON DIOXIDE RECOVERY FROM LOW CONCENTRATION SOURCES

(51) International classification	:B01D 53/047
(31) Priority Document No	:12/415,731
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051387
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/113118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)L'AIR LIQUIDE-SOCIETE ANONYME POUR
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GEORGES CLAUDE**

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FRANCE

(72)**Name of Inventor :**

1)YUDONG CHEN

(57) Abstract :

A system and method of purifying gaseous carbon dioxide from a gaseous mixture obtained at low pressure from a flue gas by passing the gaseous mixture through a vacuum swing adsorption unit and then a gas purification unit to produce carbon dioxide having a purity of approximately 97% by volume or more.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7502/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CONTROLLER FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L 1/26
(31) Priority Document No	:2009-082658
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/000715
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/113014
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

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AICHI-KEN, 471-8571 Japan

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(72)Name of Inventor :

1)IDE KOJI

2)NISHIKIORI TAKASHI

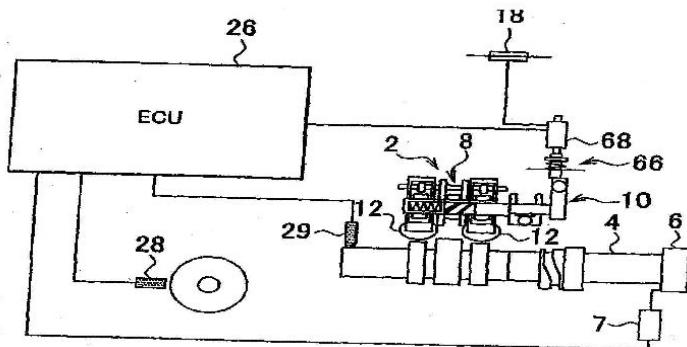
3)SHIBAYAMA MASASHI

4)ODA YUUSUKE

(57) Abstract :

When the operating characteristics of an intake valve are changed by an intake valve stop mechanism (8), an ECU (26) outputs a command signal (control on) to a solenoid (68). At this time, a timing, at which the command signal is output to the solenoid (68), is determined on the basis of a rotational position of a crankshaft, calculated from a signal of a crank position sensor (28). However, the output timing is corrected on the basis of a rotational phase difference of a camshaft (4) with respect to the crankshaft. Selected drawing: FIG. 1

FIG. 1



No. of Pages : 44 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7503/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ANTIGEN PRESENTING CELL TARGETED VACCINES

(51) International classification	:C04K 19/00
(31) Priority Document No	:61/159,059
(32) Priority Date	:10/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026268
Filing Date	:04/03/2010
(87) International Publication No	:WO 2010/104747
(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)ZURAWSKI, GERARD
2)BANCHEREAU, JACQUES F.
3)FLAMAR, ANNE-LAURE
4)LEVY, YVES
5)MONTES, MONICA

(57) Abstract :

The present invention includes compositions and methods for the expression, secretion and use of novel compositions for use as, e.g., vaccines and antigen delivery vectors, to deliver antigens to antigen presenting cells. In one embodiment, the vector is an anti-CD40 antibody, or fragments thereof, and one or more antigenic peptides linked to the anti-CD40 antibody or fragments thereof, including humanized antibodies.

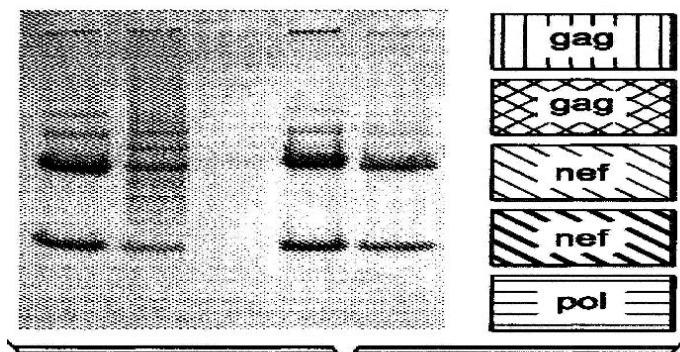


FIG. 1

No. of Pages : 276 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7525/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FOSFLUCONAZOLE DERIVATIVES, SYNTHESIS, AND USE IN LONG ACTING FORMULATIONS

(51) International classification	:C07F 9/6518
(31) Priority Document No	:0904706.9
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2010/052719 :03/03/2010
(87) International Publication No	:WO 2010/105910
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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Address of Applicant :VISEWEG 368, B-3700 TONGEREN,
BELGIUM

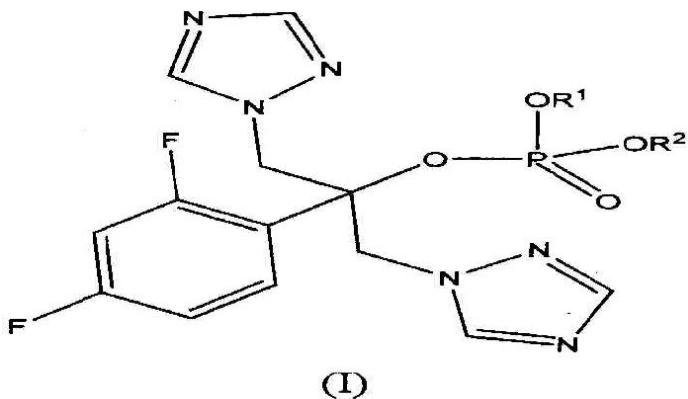
(72)Name of Inventor :

1)YVES RENE JOHANNA PAUL GONNISSEN

2)JODY FIRMIN MARCELINE VOORSPOELS

(57) Abstract :

The invention relates to a compound of formula (I) and the salts, N-oxides, quaternary amines, and stereoisomers thereof, wherein R1 to R8 are as defined in the claims. The invention further relates to intermediates and methods for the preparation of the compounds of formula (I). The invention also relates to the compounds of formula (I) for use as a medicament, particularly for the prevention or treatment of fungal infections.



No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7526/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRIC POWER DEVICE AND ELECTRIC POWER CONTROL SYSTEM

(51) International classification	:H02J 3/32
(31) Priority Document No	:61/168,054
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2010/056632
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/117082
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 1080075, JAPAN

(72)Name of Inventor :

1)EIICHIRO KUBOTO

2)SHIHO MORIAI

(57) Abstract :

Provided is an electric storage device which is low-cost and can be used safely. Using the electric storage device, electric power is controlled in the home and the like. A battery 107 is inserted into a plurality of sockets of a device manager 201. The device manager 201 manages a status of the battery 107 and monitors safety and reliability. A storage system manager 202 controls a power conditioner 203 according to the storage information for performing a control of supplying the electric power to the electric storage device. A home controller 204 monitors a power consumption amount, and performs control of supplying the electric power to a smart storage based on acquired information on the power consumption amount. The power consumption amount is predicted, and supplying of the electric power and outputting of the electric power to the smart storage 200 are controlled based on the predicted power consumption amount. The battery 107 is configured to be detached from the socket of the smart storage 200 and can be used for another purpose.

No. of Pages : 68 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7527/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BIOCOKES PRODUCING METHOD AND APPARATUS

(51) International classification	:C10L 5/44
(31) Priority Document No	:2009-083887
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/113679
(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)NANIWA ROKI CO., LTD.

(72)Name of Inventor :

1)TAMIO IDA

2)YOSHIMASA KAWAMI

3)JUN SATOU

(57) Abstract :

It is intended to provide biocokes producing method and apparatus which can produce biocokes efficiently and in a short amount of time. A method of producing biocokes in which pulverized biomass is fed and pressed in a reaction container, the pulverized biomass in a substantially packed state is pressure-formed while being heated in a temperature range and a pressure range to obtain a semi-carbonized solid matter or pre-semi-carbonized solid matter and then cooled to produce biocoke. The method may include, but is not limited to: a filling step having the substeps of-feeding the pulverized biomass to the reaction container, and then pressing the pulverized biomass in the reaction container by lowering a pressurizing member from above the reaction container at a pressure lower than the pressure range; a reaction step having the substeps of pressurizing the pulverized biomass in the pressure range by increasing a pressure of the pressurizing member to the pressure range; heating the pulverized biomass by means of a heating device to the temperature range and keeping such state for a prescribed period of time to form a shaped matter of the pulverized biomass in the reaction container, and then cooling the shaped matter by switching from the heating device to a cooling device; and an ejecting step having the substeps of reducing the pressure of the pressurizing member, and then releasing the bottom part of the reaction container to eject the shaped matter having been cooled.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.1743/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LIQUID HEATING APPARATUS AND A METHOD OF HEATING THEREOF

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The present invention relates to an apparatus for heating liquids. More particularly, it relates to an apparatus for heating liquid which is energy efficient and does not require the use of electricity. The present invention also relates to a method of heating of liquid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1746/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LITHIUM METAL QUINOLATES AND PROCESS FOR PREPARATION THEREOF AS GOOD
EMITTING, INTERFACE MATERIALS AS WELL AS N-TYPE DOPENT FOR ORGANIC ELECTRONIC DEVICES

(51) International classification	:C07D	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KAMALASANAN M.N.
(87) International Publication No	:NA	2)SRIVASTAVA RITU
(61) Patent of Addition to Application Number	:NA	3)AMIT KUMAR
Filing Date	:NA	4)ISHWAR SINGH
(62) Divisional to Application Number	:NA	5)DHAWAN S.K.
Filing Date	:NA	6)BAWA S.S.

(57) Abstract :

Invention relates to a single step preparation of alkali metal quinolate of general formula 1 wherein M = Lithium, sodium or potassium; R = H, alkyl (C1-C6), alkoxy, aryl, aryloxy, amino, amido or halogen (Cl, F, Br, I) which is substituted or unsubstituted with direct reaction of metal with 8-hydroxyquinoline. Substituted 8-hydroxyquinoline optionally have at least one substituent selected from the group consisting of alkyl, alkoxy, aryl, aryloxy, amino, amido at 2, 5 or 7 position. Halogen substituted 8-hydroxyquinolates are also prepared from this method in the yield of 90-95% from polar solvents like acetonitrile. These complexes are useful as light emitting and electron injecting materials in organic electronic devices. Also the doping of these materials in electron transport materials improves their electron mobility.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1763/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A NOVEL ISOLATION METHOD OF SOLASODINE FROM BERRIES OF SOLANUM KHASIANUM, CLARKE AND ITS PHARMACOLOGICAL USED

(51) International classification	:E04H	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SUMEET GUPTA
(32) Priority Date	:NA	Address of Applicant :MM COLLEGE OF PHARMACY,
(33) Name of priority country	:NA	MAHARISHI MARKANDESHWAR UNIVERSITY,
(86) International Application No	:NA	MULLANA, AMBALA (HARYANA)-133207 Punjab India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)SUMEET GUPTA
(61) Patent of Addition to Application Number	:NA	2)VIPIN SAINI
Filing Date	:NA	3)SP WATE
(62) Divisional to Application Number	:NA	4)LOVNESH JINDAL
Filing Date	:NA	5)TEJAS K GHELANI

(57) Abstract :

The study was undertaken to isolate the solasodine from berries of solanum khasianum by novel method and its pharmacological activities in experimental rat model. For this aim, 30 Wistar albino rats were equally divided into four groups as control (NC), Positive control, Standard drug, ethanolic extract 400mg/kg. SGOT, SGPT and ALP were estimated for hepatoprotectivity and determination of IC 50 in serum. The ethanolic fraction was found to decrease SGOT, SGPT, ALP and bilirubin concentration in the bloods serum and they are statistically significant For anti-oxidant activity the ethanolic extract (200mg/ml) showed significant effect compared to positive control in both models. The ethanolic (200mg/ml) of this plant showed good hepatoprotective and anti-oxidant activity and this extract will be benefit for the patients also.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1813/DEL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A NOVEL SOLID LIPID NANOPARTICLE FORMULATION□

(51) International classification	:C07D	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No□	Filing Date	:NA
(87) International □ublication No	: NA	
(61□ Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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(72)**Name of Inventor :**

1)Sanyog Jain

2)Harshad Prakash Harde

3)Amit Kumar Jain

(57) Abstract :

The present invention relates to a solid lipid nanoparticle formulation. More particularly, relates to Amphotericin B (AmB) loaded solid lipid nanoparticle formulation with increased bio-availability and reduced nephrotoxicity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7533/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PLASTIC HOUSING OF A RADIAL FLOW COMPRESSOR

(51) International classification	:F04D 29/02
(31) Priority Document No	:09158481.3
(32) Priority Date	:22/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055208
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122026
(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)NISHITA, KENJI

2)VET, ANTONIUS MARIA

(57) Abstract :

The invention relates to a housing (1) of a radial flow compressor, comprising an intake pipe (4), a compressor duct (7) and an outlet pipe (5), wherein the housing comprises a housing body (basic construction) comprising at least an upper housing member (3) and a lower housing member (2) made of a fibre-reinforced thermoplastic polymer composition, and wherein the members (2, 3) are made, assembled together and fixed to each other in an integrated 2-step injection molding process. The invention also relates to a process for producing a housing for a radial flow compressor, comprising an intake pipe, a compressor duct and an outlet pipe, comprising steps of a) melt processing of a fibre-reinforced thermoplastic polymer composition thereby forming a polymer melt, b) injection molding the polymer melt into a molding die comprising at least two cavities, thereby forming at least two members comprising at least an upper housing member and a lower housing member, c) assembling the at least two members together, thereby forming a housing body defining the intake pipe, the compressor duct and the outlet pipe, and d) fixing the assembled at least two members to each other.

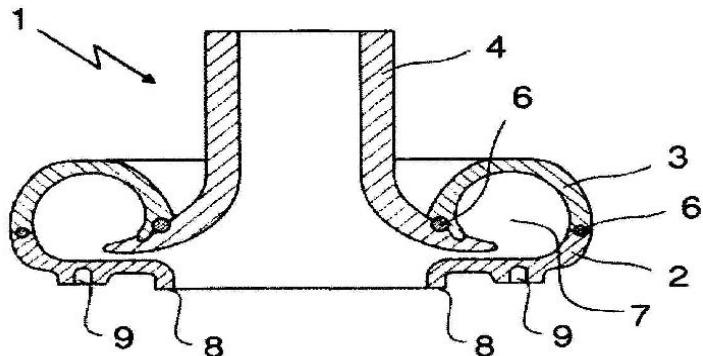


Fig. 2

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7510/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR THE PREPARATION OF CYCLOPEPTIDES

(51) International classification	:C07K 7/56
(31) Priority Document No	:09159630.4
(32) Priority Date	:07/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056147
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/128096
(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)DE PATER, ROBERTUS MATTHEUS

2)JAGESAR, DHIREND CHANDRE

3)VAN DER DOES, THOMAS

(57) Abstract :

The present invention relates to a method for preparing cyclopeptides by means of protection with a substituted boronic acid. The present invention also discloses novel boronate esters of cyclopeptides of general formula (8).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7511/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD OF SCHEDULING DATA

(51) International classification	:H04L 1/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/053214
Filing Date	:18/03/2009
(87) International Publication No	:WO 2010/105680
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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**1)TIROLA, ESA TAPANI
2)PAJUKOSKI, KARI PEKKA
3)HOOLI, KARI JUHANI
4)CHEN, PENG
5)GAO, CHUN YAN**

(57) Abstract :

A method of transmitting uplink control signals/status bits from a user equipment, said user equipment having multiple transmit antennae, and said control signals correspond to a plurality of previous downlink transmissions, wherein said control signals are transmitted over a plurality of PUCCH resources and over said multiple antennae, and transmitted during a single uplink sub-frame. Use of multiple PUCCH resources and multiple antennae allow greater spatial diversity.

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7512/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND APPARATUS FOR CODEBOOK-BASED PRECODING IN MIMO SYSTEMS

(51) International classification	:H04B 7/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/053162
Filing Date	:17/03/2009
(87) International Publication No	:WO 2010/105670
(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)HOOLI, KARI JUHANI

2)PAJUKOSKI, KARI PEKKA

3)TIIROLA, ESA TAPANI

(57) Abstract :

A method comprising using a precoding code book for controlling transmissions from four antennas of a device, said code book comprising a plurality of entries, wherein said entries are such that a single layer is mapped to each selected antenna, said code book entries comprising different antenna pair combinations whereby one or two antenna pairs are selected for transmission.

No. of Pages : 32 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7513/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NAIL LOCKING SYSTEMS

(51) International classification	:A61B 17/72
(31) Priority Document No	:61/175,555
(32) Priority Date	:05/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH2010/000113
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/127460
(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)APPENZELLER, ANDREAS

2)FRIGG, ROBERT

3)BOUDUBAN, NICOLAS

4)NAGY, LADISLAV

(57) Abstract :

A system for fixing a fracture near a joint of a bone comprises (a) an intramedullary device including a longitudinal body and a head, the longitudinal body extending from a proximal end to a distal end, the head being attached to the proximal end of the longitudinal body; and (b) a plate implantable into a head portion of the bone to provide support to a joint zone, the plate engageable with the intramedullary device. The plate (104) is substantially U-shaped and includes a midsection and a pair of arms extending from the midsection, the pair of arms forming a space therebetween, the space sized and shaped to accommodate the head of the intramedullary device (102).

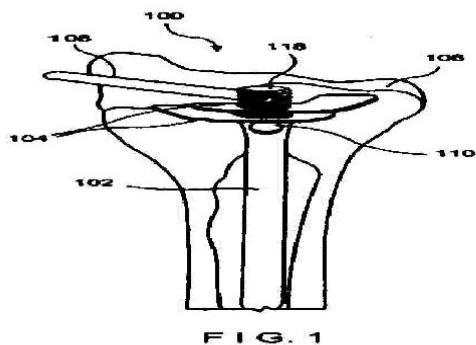


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7514/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MUTANTS OF ACTIVATION-INDUCED CYTIDINE DEAMINASE (AID) AND METHODS OF USE

(51) International classification	:C12N 5/00
(31) Priority Document No	:61/166,349
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/000958
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/113039
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MEDICAL RESEARCH COUNCIL

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(72)**Name of Inventor :**

1)WANG, MENG

2)YANG, ZIZHEN

3)RADA, CRISTINA

4)NEUBERGER, MICHAEL

(57) Abstract :

The invention provides functional mutants of activation-induced cytidine deaminase (AID) protein that have increased activity as compared to a wild-type AID protein. The invention also provides nucleic acids encoding the functional AID mutants, and vectors and cells comprising the nucleic acids. The invention further provides methods of using the functional mutant AID proteins.

No. of Pages : 164 No. of Claims : 118

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7540/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND CHEMICAL COMPOSITION TO IMPROVE EFFICIENCY OF MECHANICAL PULP

(51) International classification	:D21C 1/06
(31) Priority Document No	:12/400,326
(32) Priority Date	:09/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026148
Filing Date	:04/03/2010
(87) International Publication No	:WO 2010/104725
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NALCO COMPANY

Address of Applicant :1601 W. DIEHL ROAD,
NAPERVILLE, ILLINOIS 60563-1198, U.S.A.

(72)Name of Inventor :

1)DUGGIRALA, PRASAD

2)SHEVCHENKO, SERGEY M.

(57) Abstract :

The invention provides a composition of matter and a method, which enhance the process of mechanically pulping paper precursors. The composition of matter includes a small quantity of a reducing agent and a source of alkali. When added to the pulped material, e.g., wood chips, before or during mechanical pulping, the composition reduces the energy cost of the operation. In addition, not only does the composition also does not reduce the brightness of pulp, the composition can also enhance the effectiveness of subsequent bleaching processes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7528/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : 1-HETEROCYCLYL-1, 5-DIHYDRO-PYRAZOLO [3, 4-D] PYRIMIDIN-4-ONE DERIVATIVES AND THEIR USE AS PDE9A MODULATORS

(51) International classification	:C07D 487/04
(31) Priority Document No	:2009-000574
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Venezuela
(86) International Application No Filing Date	:PCT/EP2010/054050 :26/03/2010
(87) International Publication No	:WO 2010/112437
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

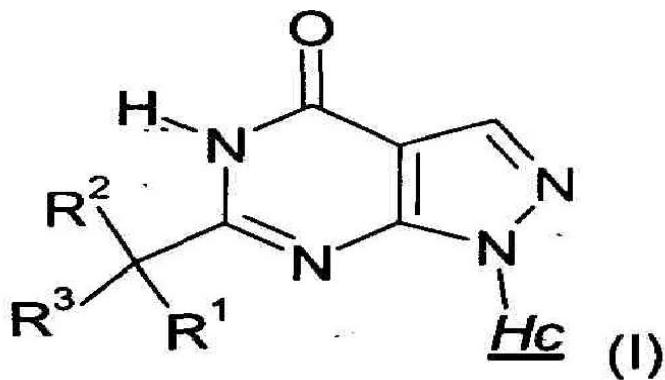
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INGELHEIM AM RHEIN, GERMANY

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- 5)THOMAS FOX
- 6)KLAUS FUCHS
- 7)NIKLAS HEINE
- 8)HOLGER ROSEN BROCK
- 9)GERHARD SCHÄNZLE

(57) Abstract :

The invention relates to novel 1,6-disubstituted pyrazolopyrimidinones of formula (I), in which Hc is a tetrahydropyranyl-group and R1 is the group V-W-, whereby V and W independently of each other may be an aryl group or an heteroaryl group, which independently of each other may optionally be substituted. According to one aspect of the invention the new compounds are for use as medicaments or for the manufacture of medicaments, in particular medicaments for the treatment of conditions concerning deficits in perception, concentration, learning or memory. The new compounds are also for the manufacture of medicaments and / or for use in the treatment of e.g. Alzheimer's disease, in particular for cognitive impairment associated with Alzheimer's disease.



No. of Pages : 263 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7529/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR ANTENNA CALIBRATION

(51) International classification	:H04B 17/00
(31) Priority Document No	:2009101342.7
(32) Priority Date	:03/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075226
Filing Date	:30/11/2009
(87) International Publication No	:WO 2010/111864
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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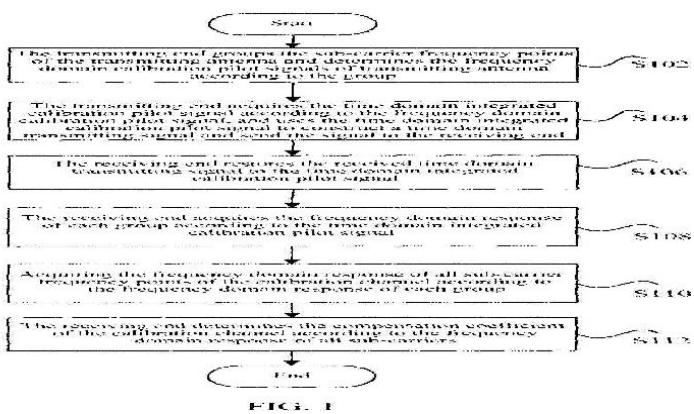
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(72)Name of Inventor :

1)LU, CHENHONG

(57) Abstract :

The present invention discloses a method for antenna calibration, wherein, the sub-carrier frequency points of the transmitting antenna are grouped by the transmitting end, and the frequency domain calibration pilot signal of said transmitting antenna is determined according to the groups; the transmitting end obtains time domain integrated calibration pilot signal according to the frequency domain calibration pilot signal, and forms time domain transmitting signal by using the time domain integrated calibration pilot signal and transmits the signal to the receiving end; the receiving end restores the received time domain transmitting signal to the time domain integrated calibration pilot signal; the receiving end obtains frequency domain response of each group according to the time domain integrated calibration pilot signal, and obtains frequency domain responses of all sub-carrier frequency points of a calibration channel according to the frequency domain response of each group; the receiving end determines a compensation coefficient of the calibration channel according to the frequency domain response of all sub-carriers. The present invention also discloses a system for antenna calibration. With the present invention, it enables the transmission of the antenna calibration pilot signal to avoid the influence of Downlink Pilot Time Slot (DwPTS) and Uplink Pilot Time Slot (UpPTS), and the calibration precision is improved without affecting the normal communication.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7530/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING DIRECTIONLESS AND CONTENTIONLESS WAVELENGTH ADDITION AND SUBTRACTION

(51) International classification	:H04J 14/02
(31) Priority Document No	:61/172,530
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031233
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/123752
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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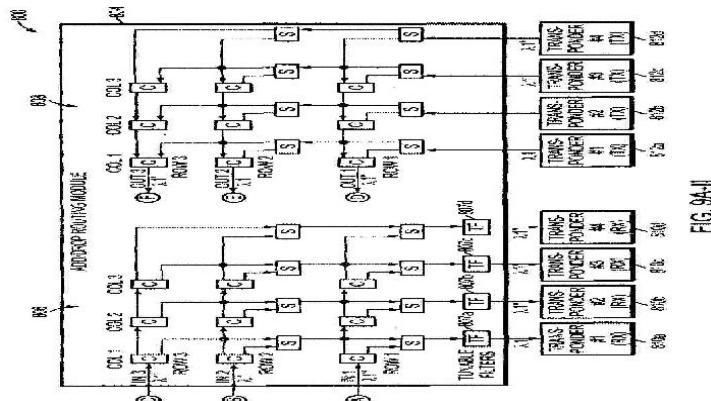
1)BODUCH, MARK, E

2)PAPAKOS, KIMON

3)WANG, YAJUN

(57) Abstract :

In todays reconfigurable optical add/drop multiplexer (ROADM) based optical node, ROADM multiplex (and demultiplex) colored optical signals to form wavelength-division multiplexed (WDM) signals. Transponders connected to the ROADM's add/drop ports convert noncolored optical signals to colored optical signals (and vice versa). Dedicating transponders to given ports degrades the nodes ability to route around network failures. Example embodiments of the invention include an optical node and corresponding method for routing optical signals within an optical node that compensate for this inflexibility. The optical node may include two ROADM's to transmit respective WDM signals onto at least two intemode network paths and a routing module that can direct channels of the same wavelength along different intemode network paths. Advantageously, a transponder may transmit (receive) different signals at the same wavelength to (from) different network node interfaces within the optical node, thereby improving the optical nodes ability to route around network failures.



No. of Pages : 67 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7523/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY

(51) International classification	:H01M 4/48
(31) Priority Document No	:10-2009-0031032
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/002202
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/117237
(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)SUNG KYUN CHANG

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3)HYO-SHIK KIL

4)JIN-HYUNG LIM

(57) Abstract :

Provided is a cathode active material which is lithium transition metal oxide having an α -NaFeO₂ layered crystal structure, wherein the transition metal is a blend of Ni and Mn, an average oxidation number of the transition metals except lithium is +3 or higher, and lithium transition metal oxide satisfies the Equation $m(\text{Ni}) \geq m(\text{Mn})$ (in which m (Ni) and m (Mn) represent an molar number of manganese and nickel, respectively). The lithium transition metal oxide has a uniform and stable layered structure through control of oxidation number of transition metals to a level higher than +3, thus advantageously exerting improved overall electrochemical properties including electric capacity, in particular, superior high-rate charge/discharge characteristics.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7524/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INSULIN FORMULATIONS FOR RAPID UPTAKE

(51) International classification	:A61K 38/28
(31) Priority Document No	:12/397,219
(32) Priority Date	:03/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026073
Filing Date	:03/03/2010
(87) International Publication No	:WO 2010/102020
(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)SOLOMON S. STEINER

2)RODERIKE POHL

3)MING LI

4)ROBERT HAUSER

(57) Abstract :

Injectable insulin formulations with improved stability and rapid onset of action are described herein. The formulations may be for subcutaneous, intradermal or intramuscular administration. In the preferred embodiment, the formulations are administered via subcutaneous injection. The formulations contain insulin in combination with a chelator and dissolution agent, and optionally additional excipients. In the preferred embodiment, the formulation contains human insulin, a zinc chelator such as EDTA and a dissolution agent such as citric acid or sodium citrate. These formulations are rapidly absorbed into the blood stream when administered by subcutaneous injection. In the preferred embodiment, the insulin is provided as a clear liquid, neutral pH, in a multi-use sterile vial. In an alternative embodiment, the insulin is provided as a powder in a sterile vial. This is mixed with a diluent containing a pharmaceutically acceptable carrier, such as water, a zinc chelator such as EDTA and a dissolution agent such as citric acid shortly before or at the time of administration. In another embodiment, the insulin is stored as a frozen mixture, ready for use upon thawing.

No. of Pages : 54 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7548/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CNT-INFUSED EMI SHIELDING COMPOSITE AND COATING

(51) International classification	:H05K 9/00
(31) Priority Document No	:61/172,503
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032312
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124260
(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)SHAH, TUSHAR, K.
2)ALBERDING, MARK, R.
3)MALECKI, HARRY, C.

(57) Abstract :

A composite for use in electromagnetic interference (EMI) shielding applications includes a carbon nanotube(CNT)-infused fiber material disposed in at least a portion of a matrix material. The composite is capable of absorbing or reflecting EM radiation, or combinations thereof in a frequency range from between about 0.01 MHz to about 18 GHz. The electromagnetic interference (EMI) shielding effectiveness (SE), is in a range from between about 40 decibels (dB) to about 130 dB. A method of manufacturing the composite includes disposing a CNT-infused fiber material in a portion of a matrix material with a controlled orientation of the CNT-infused fiber material within the matrix material, and curing the matrix material. A panel includes the composite and is adaptable to interface with a device for use in EMI shielding applications. The panel is further equipped with an electrical ground.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7549/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CNT-BASED SIGNATURE CONTROL MATERIAL

(51) International classification	:B32B 5/26
(31) Priority Document No	:61/172,503
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032318
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/144183
(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)SHAH, TUSHAR, K.

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(57) Abstract :

A radar absorbing composite includes a (CNT)-infused fiber material disposed in at least a portion of a matrix material. The composite absorbs radar in a frequency range from about 0.10 Megahertz to about 60 Gigahertz. The CNT-infused fiber material forms a first layer that reduces radar reflectance and a second layer that dissipates the energy of the radar. A method of manufacturing this composite includes disposing a CNT-infused fiber material in a portion of a matrix material with a controlled orientation of the CNT-infused fiber material within the matrix material, and curing the matrix material. The composite can be formed into a panel which is adaptable as a structural component of a transport vessel or missile for use in stealth applications.

No. of Pages : 71 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7541/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR IMPROVING THE DETERMINATION OF THE SIR TARGET IN A OUTER LOOP POWER CONTROL MECHANISM OF UMTS UE

(51) International classification	:H04W 52/12
(31) Priority Document No	:09368010.6
(32) Priority Date	:07/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002056
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/115569
(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)DEMAJ, PIERRE

2)TOMATIS, FABRIZIO

(57) Abstract :

Process for performing the Outer Loop power control in a User Equipment for a UMTS telecommunication system comprising the following step: - applying a first estimation of the Signal To Interference (SIR) target in accordance with the value of the Block Error Rate (BLER) target received from the base station comprising the steps of: - receiving (11) the BLER target (BLERTarg) from the base station; - performing (12) an estimation of the value (BLERest) of the BLER value on a number of N1 blocks; - comparing (13) said estimation (BLERest) to the value of the BLER target (BLERTarg) and in response to said comparison, increasing said SIR target (SIRTarg) if BLERest > BLERTarg and, conversely, decreasing said SIR target (SIRTarg) Characterized in that if further comprises an additional process performed in parallel to said estimation for correcting the value of said SIR target (SIRTarg) issued by the latter, comprising the steps of: - computing (21) an estimation of the SIR value; - counting (22) the number of CRC errors occurring during a predefined sliding window; - detecting (23) a double condition comprising: - the detection of a burst of CRC errors occurring during said predefined sliding window; - pre-convergence of said first estimation of SIR target, said pre-convergence consisting in the fact that the estimated of the SIR value is close to the SIR target value issued by said first estimation; And, further to said detection, applying (24) an immediate correction to said SIR target (SIRTarg). Figure 3.

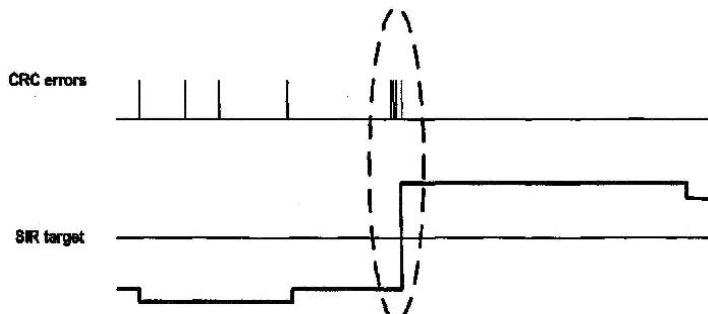


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7544/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPRESSION COIL SPRING AND MANUFACTURING DEVICE AND MANUFACTURING METHOD FOR COIL SPRING

(51) International classification	:F16F 1/06	(71) Name of Applicant :
(31) Priority Document No	:2009-091191	1)NHK SPRING CO., LTD.
(32) Priority Date	:03/04/2009	Address of Applicant :3-10, FUKUURA, KANAZAWA-KU, YOKOHAMA-SHI, KANAGAWA 236-0004 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/054688	1)HAMANO TOSHIO
Filing Date	:18/03/2010	2)OKADA HIDEKI
(87) International Publication No	:WO 2010/113661	3)YAMAMOTOYA KENJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Bending deformation exceeding a yield stress is applied by winding a material for a coil spring on a mandrel at a temperature at which spring-back occurs. Coiling is performed simultaneously with the application of the bending deformation, and the load is removed after the coiling. This spring includes an outside surface region (W3) having a compressive residual stress and a compressive stress reduction region (W4) in which the compressive residual stress is reduced from the outside surface region (W3) toward the center of the material. A stress change portion (P1) at which a change from the compressive residual stress to a tensile residual stress occurs exists between the outside surface region (W3) and the center of the material. The spring further includes a tensile stress peak portion (P2), tensile stress reduction region (W5), and inside surface region (W6). The inside surface region (W6) has the tensile or compressive residual stress having an absolute value smaller than that of the outside surface region (W3).

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7545/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : WOBBLE ASSEMBLY FOR FLUID PUMPING MECHANISM

(51) International classification	:B05B 9/047
(31) Priority Document No	:61/176,194
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001360
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/129064
(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)TAM JIMMY WING SUM

3)HINES BRADLEY H.

4)DAVIDSON GLENN W.

(57) Abstract :

A fluid dispensing device comprises a housing body, a reciprocating piston fluid pump, a primary drive element, a wobble assembly and a spray tip. The reciprocating piston fluid pump has a piston disposed within a pumping chamber inside the housing body. The primary drive element is coupled to the housing body to provide a rotary input. The wobble assembly connects the primary drive element to the reciprocating piston fluid pump to convert the rotary input into reciprocating input to the piston. The spray tip connects to an outlet of the pumping chamber.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7532/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PYRIMIDINE DERIVATIVES

(51) International classification	:C07D 239/42
(31) Priority Document No	:09157590.2
(32) Priority Date	:08/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/054629
Filing Date	:08/04/2009
(87) International Publication No	:WO 2010-115950
(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)SCHUTZ, JAN

2)KARGE, REINHARD

(57) Abstract :

A process for the preparation of 5-substituted 4-amino-2-methylpyrimidines of the formula (I) wherein R is CONH₂ or CN, and of acid addition salts thereof, characterized in that a compound of formula H₂N CH = C(R) CN (II) is reacted with acetimidic acid methyl ester or an acid addition salt thereof and that, if desired, a compound of formula (I) is transferred into an acid addition salt, and the transformation of a compound of formula (II) wherein R is CONH₂ into a compound of formula (II) wherein R is CN by treatment with POCl₃.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7557/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INSTANT BEVERAGE PRODUCT

(51) International classification	:A23F 5/32
(31) Priority Document No	:09157098.6
(32) Priority Date	:01/04/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/053675 :22/03/2010
(87) International Publication No	:WO 2010/112359
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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- 3)KESSLER, ULRICH**
- 4)LACH, LAURENT JOSEF HENRY**
- 5)MEUNIER, VINCENT DANIEL MAURICE**
- 6)CHANVRIER, HELENE MICHELE JEANNE**
- 7)CARTIER, JEREMIE**
- 8)KOCH, DIETRICH**
- 9)SUTTER, GUIDO**
- 10)DUFFEY, JEAN-LOUIS**

(57) Abstract :

The present invention relates to a method for producing an instant beverage product with good foaming and/or dissolution properties, wherein a layer of porous base powder is sintered while gas is forced through the layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7558/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVEMENT IN PROMOTION OF HEALTHY CATCH-UP GROWTH

(51) International classification	:A61K 38/17
(31) Priority Document No	:09157244.6
(32) Priority Date	:03/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054032
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/112430
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)APRIKIAN, OLIVIER

2)BLANCHER, FLORENCE

3)MACE, CATHERINE

4)SHAHKHALILI, YASSAMAN

(57) Abstract :

The use of a protein source comprising bovine casein proteins for the preparation of a nutritional composition for administration to an infant, young child or adult during or after a period of catch-up growth or weight recovery, following a period of growth restriction or weight lost, so as improve growth at early age and/or to reduce the risk of development of insulin resistance, and/or Type 2 diabetes later in the life of the infant, young child or adult.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7559/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : USE OF FLAVONOIDS TO INCREASE THE BIOAVAILABILITY OF HESPERETIN

(51) International classification	:A61K 31/352
(31) Priority Document No	:09156910.3
(32) Priority Date	:31/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054215
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/112510
(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)BRAND, WALTER

2)WILLIAMSON, GARY

3)VAN BLADEREN, PETER

4)RIETJENS, IVONNE M.C.M.

(57) Abstract :

The present invention relates generally to the field of hesperetin bioavailability. One embodiment of the present invention is directed at a composition that allows to increase the bioavailability of hesperetin and consequently to maximize the beneficial health effects of hesperetin.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7561/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TERMINAL DEVICE OF NON-ANDROID PLATFORM FOR EXECUTING ANDROID APPLICATIONS, AND COMPUTER READABLE RECORDING MEDIUM FOR STORING PROGRAM OF EXECUTING ANDROID APPLICATIONS ON NON-ANDROID PLATFORM

(51) International classification	:G06F 9/44
(31) Priority Document No	:10-2009-0121002
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2009/007439 :11/12/2009
(87) International Publication No	:WO 2011/071202
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

1)KWAK, MIN-CHUL

2)RYU, HYEOK-GON

3)LIM, DONG-YONG

4)SHIN, KWANG-CHUL

(57) Abstract :

Provided is a terminal device having a VM-based layer structure for executing heterogeneous applications. The terminal device includes: an application layer module including a first application and a second application; a platform layer module connected to a terminal processor and configured to operate the first application; and a middleware module configured to connect the platform layer module and the second application.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7563/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FASTENING RAILWAY RAILS

(51) International classification	:E01B 9/30
(31) Priority Document No	:0905918.9
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000587
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/116118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANDROL LIMITED

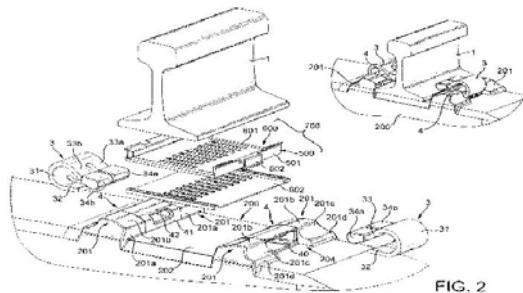
Address of Applicant :63 STATION ROAD, ADDLESTONE, SUREY KT15 2AR, UNITED KINGDOM

(72)Name of Inventor :

1)COX, STEPHEN JOHN

(57) Abstract :

In a concrete railway rail foundation (200; 250; 260), on which anchoring devices (4; 45) for retaining railway rail fastening clips (3) are to be located when the foundation (200; 250; 260) is in use, the face of the foundation (200; 250; 260) which is to be uppermost when the foundation (200; 250; 260) is in use has a rail seat area (202;252;262) for supporting a railway rail (1) extending in a first direction across the rail seat area (202;252;262), two anchoring device seating regions located on either side of the rail seat area (202;252;262) for accommodating respective anchoring devices (4; 45) to be located on the foundation (200; 250; 260), and, on each side of each anchoring device seating region, an upstanding portion (201; 251; 261) having a height substantially the same as or higher than that of an anchoring device (4; 45) to be located on the foundation (200; 250; 260) and a' depth, in a second direction substantially perpendicular to the first direction, which is substantially the same as or deeper than that of the said anchoring device (4; 45). In a concrete railway rail foundation assembly comprising such a concrete railway rail foundation and an anchoring device (45) located in one of the said anchoring device seating regions on the uppermost face of the foundation, the anchoring device comprising an anchoring device body (48) having a front face (46), the body (48) extending above the uppermost face of the foundation (260) such that the front face (46) of the body (48) is adjacent to a railway rail (1) when the assembly is in use, the front face (46) is provided with end parts (47) which extend outwardly from the body (48), such that each end part (47) overlaps part of an adjacent one of the said upstanding portions (201; 251; 261). An electrical insulator (500) for location between a foot of a railway rail (1) and an adjacent anchoring device (4; 45), for use with such a foundation (200; 250; 260), has a reaction face (501) which is wider than the face (41; 46) of the anchoring device (4; 45) against which it is to abut. [Fig. 2]



No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7546/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SATURATION CONTROL UNIT FOR AN INTERPHASE TRANSFORMING UNIT AND PWM CONTROL APPARATUS FOR A VOLTAGE CONVERTING DEVICE

(51) International classification	:H02M 7/5387
(31) Priority Document No	:61/176,278
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/062456
Filing Date	:25/09/2009
(87) International Publication No	:WO 2010/127721
(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)JONES, RODNEY

2)SUNDVALL, JAN

(57) Abstract :

A saturation control unit for an interphase transforming unit (110a-d) is provided, wherein the interphase transforming unit (110a-d) comprises a primary coil (112a-d) and a secondary coil (113a-d) which are magnetically coupled via a magnetic core member (114a-d), wherein the saturation control unit (410a-d) comprises a minimum detecting unit (602) for detecting a minimum value (702) of a magnetizing current (706) of the interphase transforming unit (110a-d), a maximum detecting unit (604) for detecting a maximum value (704) of the magnetizing current (706), a saturation estimating unit (606) for estimating an offset value of the magnetizing current (706), and a saturation control signal generating unit (608) for generating a saturation control signal for the interphase transforming unit (110a-d) based on the detected minimum value (702), the detected maximum value (704), and the estimated offset value. Fig: 6

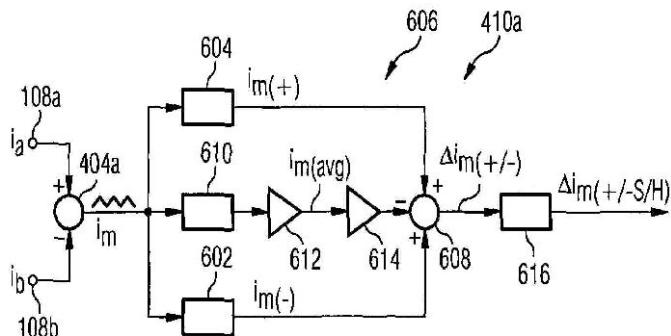


Fig: 6

No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7568/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A BATTERY MODULE HAVING A SEALED VENT CHAMBER

(51) International classification	:H01M 2/12
(31) Priority Document No	:61/164,308
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028910
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/111647
(61) 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 CONTROLS-SAFT ADVANCED POWER SOLUTIONS LLC

Address of Applicant :1209 ORANGE STREET
WILMINGTON, DELAWARE 19801, U.S.A.

(72)**Name of Inventor :**

**1)MICHAEL P. GARASCIA
2)ANTHONY P. ARENA
3)STEVE ESSHAKI**

(57) Abstract :

A battery module includes a plurality of electrochemical cells each comprising a vent at one end of the cell configured to allow gas to escape from within the cell. The battery module also includes a structure configured to receive the plurality of electrochemical cells so that the vent of each electrochemical cell is in fluid communication with a chamber within the structure. The structure includes a first portion having a protrusion provided along an outer edge thereof and a second portion having a groove provided along an outer edge thereof. The groove is configured to receive the protrusion of the first portion to seal gas released from any of the electrochemical cells within the chamber.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7570/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MOTOR VEHICLE WITH AIR SUSPENSION SYSTEM AND COMPUTER PROGRAM FOR CONTROLLING AN AIR SUSPENSION SYSTEM

(51) International classification	:B60G 17/052	(71) Name of Applicant : 1)SCANIA CV AB Address of Applicant :S-151 87 SODERTALJE, SWEDEN
(31) Priority Document No	:0950251-9	
(32) Priority Date	:17/04/2009	
(33) Name of priority country	:Sweden	
(86) International Application No	:PCT/SE2010/050401	(72) Name of Inventor : 1)DANIEL ASLAN
Filing Date	:14/04/2010	
(87) International Publication No	:WO 2010/120235	
(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 an air suspension system of a motor vehicle (100; 110) comprising -a first set of air bellows (235,236) fitted at a first wheel shaft (230) of the vehicle (100; 110), -a second set of air bellows (245, 246) fitted at a second wheel shaft (240) of the vehicle (100; 110), -and at least one first valve package (310; 320) adapted to regulating airflow between the first set of air bellows (235,236) and the second set of air bellows (245,246). The air suspension system comprises: -at least one second valve package (300) adapted in a first state to allowing air flow between the first set of air bellows(235,236) and the second set of air bellows (245,246), and adapted in a second state to preventing air flow between the first set of air bellows and the second set of air bellows, -and means (200) configured to choose the first state of said second valve package (300) or the second state of said second valve package (300) on the basis of state information pertaining to a load transfer function. The invention relates also to a motor vehicle equipped with the air suspension system.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7571/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ANCHORING HARPOON INTENDED IN PARTICULAR FOR AN AIRCRAFT AND ANCHORING SYSTEM INCLUDING ONE SUCH HARPOON

(51) International classification	:B64F 1/12	(71) Name of Applicant :
(31) Priority Document No	:0952183	1)DCNS
(32) Priority Date	:03/04/2009	Address of Applicant :40-42 RUE DU DOCTEUR FINLAY, F-75015 PARIS, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/FR2010/050030 :11/01/2010	1)RONAN AFFRE DE SAINT ROME
(87) International Publication No	:WO 2010/112716	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an anchoring harpoon intended in particular for an aircraft, capable of cooperating with an anchoring grate (2) of a platform, comprising jack means (3) including cylinder means (4) containing mobile piston means (5) provided with a rod (6) that extends beyond the cylinder means, the free end of which includes a harpoon head (7) that is hooked in the grate (2) and comprises retaining fingers (8,13,14) that can be moved between a retracted position and an active position by control means (9). The invention is characterised in that the cylinder means (4) include at least two telescopic cylinder portions (10, 11) which can move between a position in which one portion is retracted inside the other and an active position in which one portion projects out from the other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7550/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GEARBOX HEALTH MONITORING

(51) International classification	:G01M 13/02
(31) Priority Document No	:12/417,475
(32) Priority Date	:02/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028246
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/114735
(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)CHINMAYA KAR
2)NA
3)NA

(57) Abstract :

A system includes a plurality of sensors (322-324) configured to measure one or more characteristics of a gearbox. The system also includes a gearbox condition indicator device (300), which includes a plurality of sensor interfaces (320) configured to receive input signals associated with at least one stage of the gearbox from the sensors. The gearbox condition indicator device also includes a processor (330) configured to identify a fault in the gearbox using the input signals and an output interface (370) configured to provide an indicator identifying the fault. The processor is configured to identify the fault by determining a family of frequencies (640) related to at least one failure mode of the gearbox, decomposing the input signals using the family of frequencies, reconstructing a gear signal using the deconstructed input signals, and comparing the reconstructed gear signal to a baseline signal (328). The family of frequencies includes a gear mesh frequency and its harmonics.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7551/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING HEALTH INDICATORS FOR IMPELLERS

(51) International classification	:F04B 51/00
(31) Priority Document No	:12/417,452
(32) Priority Date	:02/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028258
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/114737
(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)CHINMAYA KAR

(57) Abstract :

A system includes a plurality of sensors (422-424) configured to measure one or more characteristics of an impeller (100a-100h). The system also includes an impeller condition indicator device (400), which includes a plurality of sensor interfaces (420) configured to receive input signals associated with at least one stage of the impeller from the sensors. The impeller condition indicator device also includes a processor (440) configured to identify a fault in the impeller using the input signals and an output interface (470) configured to provide an indicator identifying the fault. The processor is configured to identify the fault by determining a family of frequencies (520) related to at least one failure mode of the impeller, decomposing the input signals using the family of frequencies, reconstructing a impeller signal using the decomposed input signals, and comparing the reconstructed impeller signal to a baseline signal (430). The family of frequencies includes a vane pass frequency and its harmonics.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7553/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INTERWOVEN MULTI-APERTURE COLLIMATOR FOR 3-DIMENSIONAL RADIATION IMAGING APPLICATIONS

(51) International classification	:G01T 1/29	(71) Name of Applicant :
(31) Priority Document No	:61/165,653	1)BROOKHAVEN SCIENCE ASSOCIATES, LLC
(32) Priority Date	:01/04/2009	Address of Applicant :40 BROOKHAVEN AVENUE
(33) Name of priority country	:U.S.A.	BUILDING 460, UPTON, NEW YORK 11973-5000, U.S.A.
(86) International Application No	:PCT/US10/029409	(72) Name of Inventor :
Filing Date	:31/03/2010	1)YONGGANG CUI
(87) International Publication No	:WO 2010/120525	2)RALPH B. JAMES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An interwoven multi-aperture collimator for three-dimension radiation imaging applications is disclosed. The collimator comprises a collimator body including a plurality of apertures disposed in a two-dimensional grid. The collimator body is configured to absorb and collimate radiation beams emitted from a radiation source within a field of view of said collimator. The collimator body has a surface plane disposed closest to the radiation source. The two-dimensional grid is selectively divided into at least a first and a second group of apertures, respectively defining at least a first view and a second view of an object to be imaged. The first group of apertures is formed by interleaving or alternating rows of the grid, and the second group of apertures is formed by the rows of apertures adjacent to the rows of the first group. Each aperture in the first group is arranged in a first orientation angle with respect to the surface plane of said collimator body, and each aperture in the second group is arranged in a second orientation angle with respect to the surface plane of said collimator body such that the apertures of the first group are interwoven with the apertures of the second group.

No. of Pages : 39 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7572/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification	:B60C 9/08
(31) Priority Document No	:2009-100283
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002720
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119681
(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 :

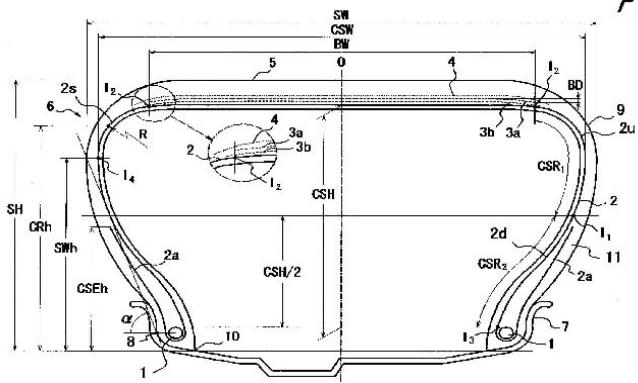
1)FUMIO TAKAHASHI

2)SOUTO NAKAYAMA

(57) Abstract :

Provided is a pneumatic tire having a high partial wear resistance and a low rolling resistance. In a cross section in a tire width direction when the tire is mounted on a prescribed rim (7), a belt has a flat shape in the tire width direction, the height (SWh) of the position where the tire width is the maximum is more than half the cross-sectional height (SH) of the tire, and a path length (CSR1) of the carcass from an intersection (I1) between a line segment bisecting a radial distance (CHS) between the radially outermost end of the carcass (2) and radially outermost end of the bead core (1) and extending parallel to a rotation axis of the tire, and the carcass, to an intersection (I2) between a line segment drawn perpendicular from an end in the width direction of the narrowest slant belt layer (3a) to the rotation axis of the tire, and the carcass (2), is longer than a path length (CSR2) of the carcass from the intersection (I1) to an intersection (I3) between a line segment connecting the radially outer most ends of both of the bead cores 1 and the carcass (2). (Fig. 1)

FIG. 1



No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7573/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DISPLAY DEVICE, SHUTTER DEVICE, SHUTTER CONTROL CIRCUIT, METHOD OF CONTROLLING SHUTTERS, AND DISPLAY SYSTEM

(51) International classification	:H04N 13/04	(71) Name of Applicant :
(31) Priority Document No	:2010-027698	1)SONY CORPORATION
(32) Priority Date	:10/02/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2011/052226 :03/02/2011	1)YASUHISA NAKAJIMA
(87) International Publication No	:WO 2011/099411	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A display system using a shutter device which is capable of reducing power consumed by a transmission section transmitting a shutter control signal, and achieving increased degree of freedom in setting of open/close timings of shutters is obtained. The display system includes a display section 12 alternately displaying a left-eye image and a right-eye image in a time-divisional manner, a shutter control code generation section (a shutter control section 15) generating a shutter control code (a control code C) which allows a left-eye shutter 6L and a right-eye shutter 6R to switch between opened state and closed state, in synchronization with switching between the left-eye image and the right-eye image. The shutter control code includes open operation timing information (a command bit CB) instructing a start point of open operation of the left-eye shutter 6L or the right-eye shutter 6R and open time information (a duty flag DF and a duty bit DB, or a duty flag DF) indicating an open time of the left-eye shutter or the right-eye shutter.

No. of Pages : 67 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7575/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PRODUCING PYRIDYL-SUBSTITUTED PYRAZOLES

(51) International classification	:C07D 401/04
(31) Priority Document No	:09157317.0
(32) Priority Date	:03/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/001926
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/112178
(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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MONHEIM GERMANY

(72)**Name of Inventor :**

1)SERGII PAZENOK

2)NORBERT LUI

3)HARRY BLASCHKE (deceased) his legal heir is Ilona Blaschke

(57) Abstract :

The present invention relates to a process for preparing 1-pyridyl-substituted pyrazoles, comprising the reaction of acetyleneketones with pyridylhydrazine derivatives to give 1-pyridyl-substituted dihydro-1H-pyrazoles, the further reaction thereof with elimination of water to give 1-pyridyl-substituted trihalomethylpyrazoles, and the further processing thereof

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7580/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TUBULAR COMPONENT FOR DRILLING AND OPERATING HYDROCARBON WELLS, AND RESULTING THREADED CONNECTION

(51) International classification	:E21B 17/042	(71) Name of Applicant :
(31) Priority Document No	:0901888	1)VALLOUREC MANNESMANN OIL & GAS FRANCE
(32) Priority Date	:17/04/2009	Address of Applicant :54, RUE ANATOLE FRANCE, F-59620 AULNOYE-AYMERIES, FRANCE
(33) Name of priority country	:France	2)SUMITOMO METAL INDUSTRIES, LTD.
(86) International Application No	:PCT/EP2010/002215	(72) Name of Inventor :
Filing Date	:09/04/2010	1)GRANGER SCOTT
(87) International Publication No	:WO 2010/118839	2)CARON OLIVIER
(61) Patent of Addition to Application Number	:NA	3)ERIC VERGER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a tubular component for a threaded connection, having at one of its ends (1; 2) a threaded zone (3; 4) formed on its external or internal peripheral surface depending on whether the threaded end is of the male or female type, said end (1; 2) finishing in a terminal surface (7; 8), said threaded zone (3; 4) having, over at least a portion, threads (32; 42) comprising, when viewed in longitudinal section passing through the axis of the tubular component, a thread crest (35), a thread root (36), a load flank (30, 40), a stabbing flank (32, 42), the width of the thread crests (35) reducing in the direction of the terminal surface (7, 8) while the width of the thread roots (36) increases, characterized in that the profile of the load flanks (30; 40) and/or the stabbing flanks (32; 42), viewed in longitudinal section passing through the axis (10) of the tubular component, has as a central portion a continuous curve (34) provided with a point of inflection (I), said profile being convex at the thread crest and concave at the thread root. The invention also concerns a threaded connection.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7556/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THICK FOAMS FOR BIOMEDICAL APPLICATIONS AND METHODS OF MAKING

(51) International classification	:A61L 15/26
(31) Priority Document No	:12/415,260
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029293
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/117824
(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)DHANURAJ S. SHETTY
2)IKSOO CHUN
3)MURTY N. VYAKARNAM
4)THOMAS PATRICK HYLAND**

(57) Abstract :

A novel method of manufacturing thick foams, especially molded thick foams useful as tissue scaffolds and other medical devices.

Also disclosed are novel thick foams made using the process of the present invention, wherein such thick foams may be used as medical devices or components of medical devices.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7584/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NEW PROCESS FOR PREPARING HYDROXYLAMINES AND MEDICAMENTS

(51) International classification	:C07C 239/20
(31) Priority Document No	:61/202,813
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000709
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/116140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAMBREX KARLSKOGA AB

Address of Applicant :S-691 85 KARLSKOGA, SWEDEN

(72)Name of Inventor :

1)HANSSON, LARS, O.

2)BERGH, ANDERS

3)EKLUND, LARS

(57) Abstract :

There is provided a process for the preparation of a compound of formula (II), wherein R1, R2, R3 and R4 are as described in the description. Such compounds may, for example, be useful intermediates in the synthesis of drugs such as Dronedarone.

No. of Pages : 64 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7586/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NEEDLE-TIP SHIELDING MECHANISM

(51) International classification	:A61M 25/06
(31) Priority Document No	:12/407,182
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026833
Filing Date	:10/03/2010
(87) International Publication No	:WO 2010/107645
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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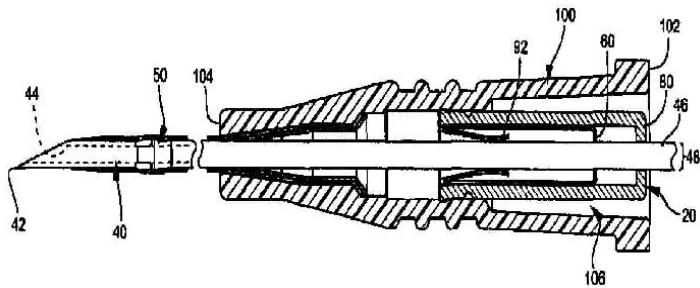
(72)Name of Inventor :

1)MOULTON, WILLIAM G.

(57) Abstract :

A needle tip shielding mechanism is described herein. The shielding mechanism comprises an outer housing, an inner housing, and a needle having a needle feature. Generally, the outer housing comprises at least one adapter-interlock feature. Moreover, the inner housing comprises a needle-feature capture mechanism, such as a washer feature, and a needle-tip capture mechanism, such as duckbilled tip barrier. In some cases, the inner housing is slidably moveable within the outer housing. In such cases, the inner housing is movable between a first position that biases the adapter-interlock feature into an engaged position and a second position that allows the adapter-interlock feature to move to an unengaged position. This ability to bias the interlock feature in the engaged position and to allow the interlock feature to move to the imengaged position allows the shielding mechanism to be selectively coupled to and released from an interlock-feature mating component within a catheter adapter.

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7588/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MODULAR GASTROINTESTINAL PROSTHESES

(51) International classification	:A61F 5/00
(31) Priority Document No	:61/211,853
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029648
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/115011
(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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PLYMOUTH, MINNESOTA 55447, U.S.A.

(72)Name of Inventor :

1)BELHE, KEDAR R., DR.

2)THOMPSON, PAUL J.

(57) Abstract :

A modular system for therapy within a gastrointestinal system. The system includes anchoring or attachment functionality (HO) embodied in a low-profile implant technology (111) and removable therapy components, which can be reversibly attached to these low-profile implants to accomplish various therapies. This modular design allows the physician to tailor the therapy to the patient's needs. The modular system has the potential to create conduits for diversion and/or restriction of food and organ secretions and to facilitate the treatment of metabolic disorders such as obesity and T2DM.

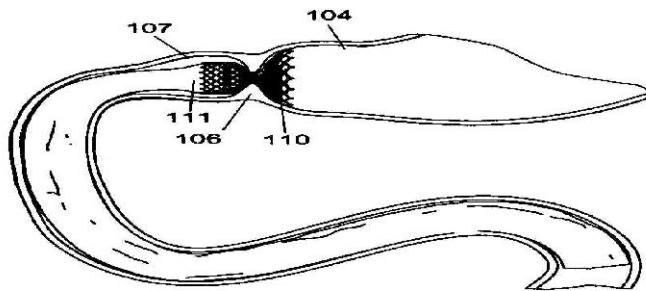


FIG. 78

No. of Pages : 120 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7589/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CONTROL OF COPOLYMER COMPOSITIONS

(51) International classification	:C07K 14/00
(31) Priority Document No	:61/166,608
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029896
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/115175
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MOMENTA PHARMACEUTICALS, INC.

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(72)Name of Inventor :

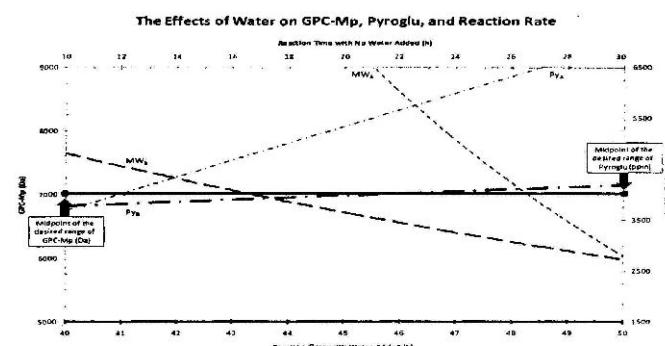
1)COLEMAN, CLAIRE

2)SCHAECK, JOHN

3)THOMPSON, ALICIA

(57) Abstract :

Methods of making copolymers are described.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7591/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD OF CUTTING OFF A TRANSMISSION SIGNAL OF A MAIN TRANSMITTER RELAYED BY A CELL OF A BASE STATION AND ASSOCIATED SYSTEM

(51) International classification	:H04W 52/22
(31) Priority Document No	:0952204
(32) Priority Date	:03/04/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2010/054429 :01/04/2010
(87) International Publication No	:WO 2010/112590
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)ST-ERICSSON SA

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(72)**Name of Inventor :**

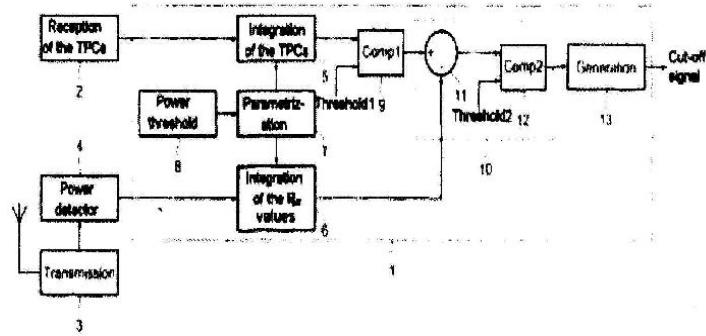
1)DORBES, STEPHANE

2)MIGNOT, CHRISTOPHE

(57) Abstract :

Method of cutting off a transmission signal of a main transmitter relayed by a cell of a base station and associated system. According to this method, the transmission signal is cut off: - if the power of the transmission signal emitted by the main transmitter is greater than the power of each transmission signal of other transmitters relayed by the same cell of the base station, and - if the power of the transmission signal of the main transmitter does not decrease after several identical successive transmitted-power regulating commands (TPC) emitted by the base station.

FIG.1



No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7581/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVEMENTS RELATING TO SIGNAL PROCESSING

(51) International classification	:H04B 1/28
(31) Priority Document No	:0905820.7
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/05080
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/112939
(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)JOHN MICHAEL WOOD

2)CHRISTOPHER RALPH PESCOD

(57) Abstract :

A method of sampling a radio frequency signal comprises: receiving the radio frequency signal; modulating an optical signal with the radio frequency signal and an oscillator signal to generate a modulated signal; applying a filter to the modulated signal to generate an intermediate frequency signal, the filter having an intermediate pass band and an intermediate roll-off, the intermediate pass band and the intermediate roll-off in combination defining a intermediate frequency band having a first bandwidth; and sampling the intermediate frequency signal at a sampling frequency using a number of optically interleaved analogue-to-digital converters. The oscillator signal and the sampling frequency in combination are arranged such that the intermediate frequency band is defined between consecutive multiples of half of the sampling frequency. Corresponding apparatus for sampling a radio frequency signal is also disclosed. Apparatus and methods for synthesising a radio frequency signal, using similar techniques to the above, are also disclosed. (Figure 2)

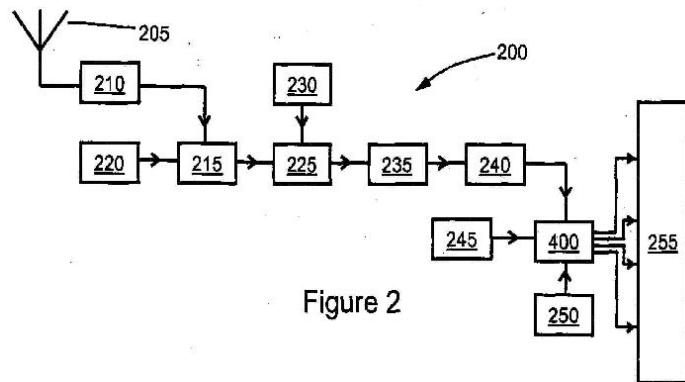


Figure 2

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7600/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTI-DIE SEMICONDUCTOR PACKAGE WITH HEAT SPREADER

(51) International classification	:H01L 23/36
(31) Priority Document No	:12/404,819
(32) Priority Date	:16/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000378
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/105346
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ATI TECHNOLOGIES ULC

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(72)Name of Inventor :

1)REFAI-AHMED, GAMAL

(57) Abstract :

A semiconductor device includes first and second stacked semiconductor dies on a substrate. A lid having a plurality of fins extending downwardly into the cavity is mounted on the substrate to encapsulate the semiconductor dies. At least some of the fins are longer than other ones of said fins. The lid is attached to the substrate, with the longer fins extending downwardly above a region of the substrate not occupied by the first die. The shorter fins extend downwardly above a region of said first die not covered by said second die. A thermal interface material fills the remainder of the cavity and is in thermal communication with both dies, the substrate and the fins. The lid may be molded from metal. The lid may be bonded to the topmost die, using a thermal bonding material that may be liquid metal, or the like.

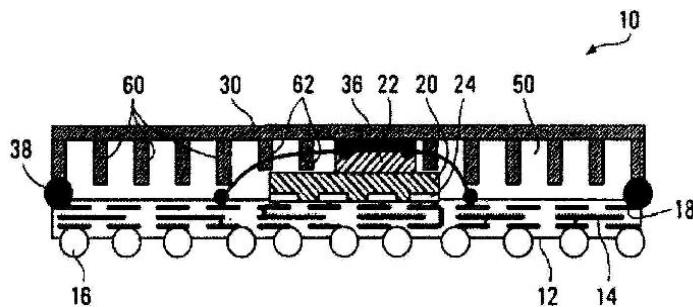


FIG. 1

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7601/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : GAS MIST MASK DEVICE

(51) International classification	:A61H 33/12
(31) Priority Document No	:2009-176960
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059982
Filing Date	:12/06/2010
(87) International Publication No	:WO 2011/013450
(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)ACP JAPAN CO. LTD.

(72)**Name of Inventor :**

1)NAKAMURA SHOICHI

(57) Abstract :

The present invention is to provide a gas mist mask device which is compact and economical, and enables to take a mist bath for the face or the eyes by using the physiological actions of oxygen or carbon dioxide. The gas mist mask device comprises a gas supply means 110 of supplying carbon or carbon dioxide, otherwise the mixed gas (called briefly as gas hereafter) of oxygen and carbon dioxide, a gas mist generating means 120 connected to the gas supply means for storing a liquid inside thereof and generating a mist (called as gas mist hereafter) prepared by pulverizing and dissolving the stored liquid and the gas, and a mask member having a mask main frame 131 with a first sheet passing the gas mist and a second sheet not passing, and holding parts 138 of securing the mask main frame 131 in such a manner that the first sheet is fronted to the eyes or the face of the human living organism, and this gas mist generating means supplies the gas mist between the first sheet and the second sheet, thereby contacting the gas mist to the eyes or the face of the human living organism.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7602/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A GENETICALLY STABLE PLASMID EXPRESSING PDH AND FDH ENZYMES

(51) International classification	:C12N 15/68
(31) Priority Document No	:61/167,676
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030404
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118240
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRISTOL - MYERS SQUIBB COMPANY

Address of Applicant :ROUTE 206 AND PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-4000, U.S.A.

(72)Name of Inventor :

1)BASCH JONATHAN

2)FRANCESCHINI THOMAS

3)LIU SUO WIN

4)CHIANG SHU-JEN

(57) Abstract :

Bi-cistronic plasmids used for the expression of formate dehydrogenase (FDH) and modified phenylalanine dehydrogenase (PDHmod) are provided.

No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7593/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VALVE FOR CONTROLLING A FLOW

(51) International classification	:F16K 3/08
(31) Priority Document No	:10 2009 002 551.0
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054680
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/121911
(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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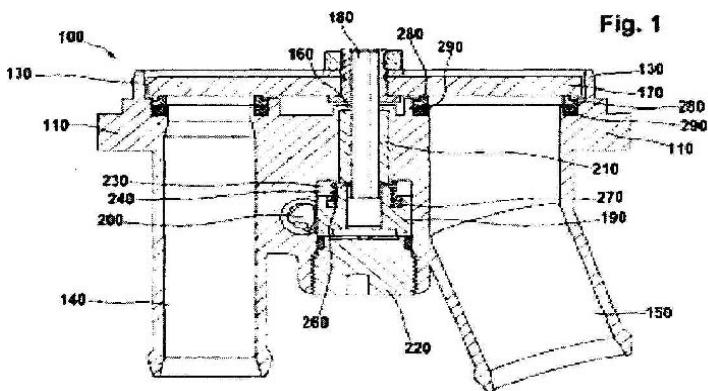
(72)Name of Inventor :

1)REEB, GEORG

2)MUSCHELKNAUTZ, CLAUDIO

(57) Abstract :

Described herein is a valve (100) for controlling a flow of a medium in a heating and/or cooling system of a motor vehicle. The valve (100) includes a valve housing (110) having at least one first channel (140), and a regulating wheel (170) configured to open and close the first channel (140). The regulating wheel (170) is disposed at a first end of a rotatably mounted drive shaft (180). The drive shaft (180) extends from the regulating wheel (170) through an axial opening (160) of the valve housing (110) into a spring chamber (230) disposed in the valve housing (110). A second end of the drive shaft (180) disposed in the spring chamber (230) has a spur gear (190). Furthermore, in the spring chamber (230), a spring (240) is disposed. The spring (240) has a first end supported on the valve housing (110) and a second end supported on the spur gear (190).



No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7595/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 28/12/2012

(54) Title of the invention : PLUG CONNECTION DEVICE

(51) International classification	:H01R 13/66
(31) Priority Document No	:10 2009 002 242.2
(32) Priority Date	:07/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053587
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/115693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)NOWOTNICK, JENS

2)GRADTKE, OLIVER

3)LAUSMANN, MATTHIAS

(57) Abstract :

Described herein is an electrical plug connection device including a plug (7) having contacts (8) and including mating contacts (4) disposed on a substrate (2). The contacts (8) are provided for electrical connection of the mating contacts (4). Further, the plug (7) includes at least one recess (18) for inserting a component (10) disposed on the substrate (2).

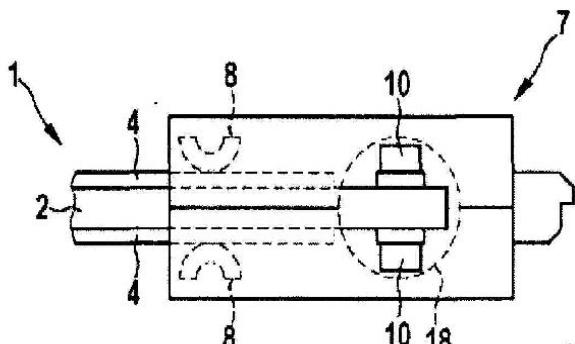


Fig. 7

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7596/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ENCAPSULATED CIRCUIT DEVICE FOR SUBSTRATES WITH ABSORPTION LAYER AND METHOD FOR PRODUCING THE SAME

(51) International classification	:H01L 23/31
(31) Priority Document No	:10 2009 002 519.7
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/052503 :26/02/2010
(87) International Publication No	:WO 2010/121860
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)NEUMEISTER, JOCHEN

2)RIEGER, REINHARD

(57) Abstract :

Described herein is an encapsulated device (10, 110, 210, 310, 410) that includes a substrate (20, 120, 220, 320, 420) and components (30, 130, 230, 330, 430) disposed on substrate surface section of a component side of the substrate (20, 120, 220, 320, 420), an encapsulation, and at least one electrical contact (12, 112, 212, 312, 412). Further, the encapsulation includes a rigid outer encapsulation (50, 150, 250, 350, 450) and a compressible absorption layer (40, 140, 240, 340, 440) provided between the components (30, 130, 230, 330, 430) and the rigid outer encapsulation (50, 150, 250, 350, 450). The absorption layer (40, 140, 240, 340, 440) is configured to absorb at least a large proportion of a deformation arising out of a thermally induced movement of a substrate surface and of the components (30, 130, 230, 330, 430) relative to the rigid outer encapsulation (50, 150, 250, 350, 450).

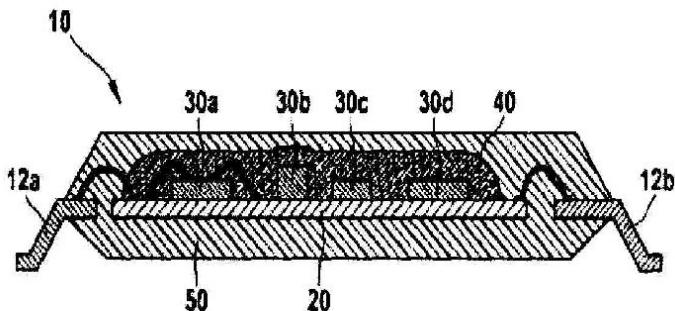


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.76/DELNP/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR OPERATING A JAMMING LASER IN A DIRCM SYSTEM IN A MANNER THAT IS SAFE FOR EYES

(51) International classification	:F41H 13/00
(31) Priority Document No	:10 2009 036 694.6
(32) Priority Date	:07/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000820
Filing Date	:16/07/2010
(87) International Publication No	:WO 2011/015175
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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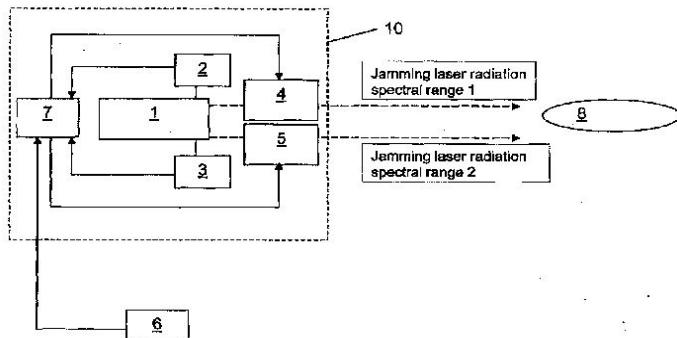
(72)Name of Inventor :

1)SCHERBARTH, STEFAN

(57) Abstract :

The invention relates to a method for operating a jamming laser (1) in a DIRCM system (10) on board an aircraft in a manner that is safe for eyes, wherein - the energy of the jamming laser (1) radiated since the start of combat is determined, - a limit of the permissible energy radiation is determined depending on the flight condition of the flying device, wherein the limit corresponds to a laser protection distance to be maintained for said flight condition, and - the radiation is stopped when the limit is reached.

Figure



No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7613/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FITTING FOR A VEHICLE SEAT

(51) International classification	:B60N 2/225
(31) Priority Document No	:10 2009 040 453.8
(32) Priority Date	:28/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005103
Filing Date	:20/08/2010
(87) International Publication No	:WO 2011/023331
(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)ROLF SCHULER

2)BERND BOSSMANNNS

3)KARSTEN KALMUS

4)PETER THIEL

(57) Abstract :

Fitting for a vehicle seat, in particular for a motor vehicle seat, having a first fitting part (11) on which is formed a toothed ring (17), a second fitting part (12) on which is formed a toothed wheel (16) which meshes with the toothed ring (17), as a result of which the two fitting parts (11,12) are in gear connection with each other, a rotatably supported circumferential eccentric (27), driven by a driver (21), for driving a relative rolling movement of the toothed wheel (16) and the toothed ring (17), wherein, during this rolling movement, in at least one contact point (K) a tooth flank (16d) of a tooth (16a) of the toothed wheel (16) bears against a tooth flank (17d) of a tooth (17a) of the toothed ring (17), characterized in that the tooth flanks (16d, 17d) of the teeth (16a, 17a) of toothed wheel (16) and toothed ring (17) which bear against each other in the contact point (K), follow the course of a section of one logarithmic spiral each.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7604/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STEM PACKING DISPENSER

(51) International classification	:WO 2010/120801
(31) Priority Document No	:61/170,453
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030920
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120801
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)MCMANUS, MICHAEL, W.

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3)FOLEY, MARI

4)TONES, MATT

5)LAUZIER, CHRISTIAN

6)BOSS, CHRIS

7)JESSEN, JANET, C.

8)HURLEY, TIMOTHY, JAMES

9)REEVES, DAVID, W.

(57) Abstract :

A cord material dispenser comprising a container including a surrounding sidewall having first and second openings and first and second cord materials disposed in the container. The first and second cord materials are dispensable through their respective first and second openings. The first cord material is preferably wound around a first spool and the second cord material is preferably wound around a second spool. The dispenser may include a first quantity of the first cord material and a second quantity of the second cord material, wherein the first quantity is less than the second quantity. For example, the first quantity may be one fourth of the second quantity. Preferably, the container includes indicia indicative of the ratio of the first quantity to the second quantity. The indicia may be in the form of a graphic representative of the intended use of the spooled materials.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.7605/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DIP COATING LINE

(51) International classification	:B65G 49/04
(31) Priority Document No	:10 2009 017 151.7
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001756
Filing Date	:20/03/2010
(87) International Publication No	:WO 2010/121688
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EISENMANN AG

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1)JURGEN ROCKLE

(57) Abstract :

A line for the dip coating (200) of objects (204) operates with a known conveyor system (206). In order to avoid a coation between the objects (204) and the hard structure adjoining the movement path, a position transducer (274, 274', 275, 275, 276) measuring the absolute value is provided for each possible degree of freedom of movement of the object (204) fixed to the holding frame (212). The course of a first boundary surface or a boundary line (270), which reproduces the course of the hard structures along the movement path of the object (204), is stored in a memory. Also stored is the course of a second boundary sur-face or boundary line (271), which runs at a distance from the first boundary surface or boundary line (270). Finally, the course of a contour (273) which represents the course of the object (204) fixed to the holding frame (212) is also stored. The control device (232) calculates, from the signals supplied to it by the position transduces (274, 275, 276) and the other stored data, whether the contour (273) representing the object (204) fixed to the holding frame (212) mtersects the second boundary surface or boundary line (271) or not and, in the first case, interrupts immediately the further movement of the object (204).

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7618/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR IMPROVING SAG RESISTANCE

(51) International classification	:C09D 7/00
(31) Priority Document No	:12/487,44 5
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028322
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/147690
(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)ARNE RICK

2)DAVID J. LAW

(57) Abstract :

A coating composition made with fumed silica, a hydroxy-functional amide compound, and a volatile organic portion, wherein the volatile organic portion comprises about 1 to about 7% by weight of a first volatile organic liquid or combination of first volatile organic liquids (i) having an evaporation rate less than or equal to 0.1 and (ii) in which the hydroxy-functional amide compound is insoluble has improved sag resistance. Sag resistance may be further improved by including in the volatile organic portion at least about 10% by weight of a second volatile organic liquid having an evaporation rate greater than or equal to about 2.0. Finally, flow and leveling of the coating (resulting in reduced orange peel and smoother appearance) can be improved, without worsening sag resistance, by including from about 5% to about 60% by weight of a dispersant for the fumed silica based on weight of fumed silica, wherein the dispersant is soluble in the first volatile organic liquid or liquids.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7622/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : 4-CYANO-3-BENZOYLAMINO-N-PHENYL-BENZAMIDES FOR USE IN PEST CONTROL

(51) International classification	:C07C 255/58
(31) Priority Document No	:0907822.1
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCTEP2010/054862
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/127926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)JUNG PIERRE JOSEPH MARCEL

2)GODFREY CHRISTOPHER RICHARD AYLES

3)HUETER OTTMAR FRANZ

4)MAIENFISCH PETER

(57) Abstract :

The present invention relates to bis-amide derivatives of formula (I), to processes and intermediates for preparing them,to methods of using them to control insect, acarine, nematode and mollusc pests, and to insecticidal, acaricidal, nematicidal and molluscicidal compositions comprising them.

No. of Pages : 57 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7615/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EXTERNALLY HEATED ENGINE

(51) International classification	:F02G 1/043
(31) Priority Document No	:12/470,539
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034625
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/135123
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GARY P. HOFFMAN
2)RICHARD J. IDE

(57) Abstract :

An externally heated engine is provided which has a piston and a displacer. The position of the piston can be adjusted by a yoke and disk assembly on one end of a link and spacers and gaskets in the cylinder. The relative position of the displacer with respect to the piston can be changed by changing the relative position of a pair of disks in the crankshaft assembly, the displacer is caused to reciprocate by a link which is moved by a displacer cam assembly. The displacer cam assembly includes first cam and a second cam. The first cam and the second cam each have a groove path. The displacer link follows the groove path of the cams to cause the displacer to dwell at the two ends of its stroke and to move rapidly from one end to the other.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7627/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MICROBIAL SCRUBBING DEVICE

(51) International classification	:A61L 2/16
(31) Priority Document No	:61/211,607
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029641
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/115005
(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)KERR MARSHALL

2)VAILLANCOURT MICHAEL J.

3)BREITER CATHERINE C.

(57) Abstract :

The microbial scrub brush in one embodiment employs an insert of foam material that is impregnated with an anti-bacterial disinfectant that is housed within a housing of alcohol compatible material and sealed over by a removable lid. The insert is maintained in sterile condition until ready for use. After the removal of the lid, the insert of foam material is moved over the end of a female luer or other portion of a medical device and rotated in order to clean the exterior surface as well as the interior luminal surface of the device. In one embodiment, the insert includes a plurality of resilient fingers that substantially occupy a cross sectional area of the cavity to enable the cleansing of both the exterior surface and an interior luminal surface of the medical device.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7634/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ABSORBENT CORE

(51) International classification	:A61F 13/535
(31) Priority Document No	:09005266.3
(32) Priority Date	:10/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/030449
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118272
(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)CARLUCCI, GIOVANNI

2)TAMBURRO, MAURIZIO

3)DI CINTIO, ACHILLE

(57) Abstract :

Absorbent core for disposable absorbent articles, for example for the absorption of menses or blood, comprising porous absorbent gelling material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7639/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD OF ADAPTING A CONFIGURATION OF A VOLTAGE CONVERTING DEVICE AND VOLTAGE CONVERTING UNIT FOR A VOLTAGE CONVERTING DEVICE

(51) International classification	:H02J 3/34
(31) Priority Document No	:61/176, 159
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/062134
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/127720
(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)JONES, RODNEY

(57) Abstract :

A method of adapting a configuration of a voltage converting device (100) is provided, the voltage converting device (100) comprising voltage converting units (102a-d) being in parallel electrical connection to one another and inter-bridge transforming units (106a-d), wherein each of the inter-bridge transforming units (106a-d) comprises a primary coil (108a-d) and a secondary coil (110a-d), wherein each of the voltage converting units (102a-d) is electrically connected to a primary coil (108a-d) of a different one of the inter-bridge transforming units (106a-d), wherein the method comprises detecting a status of at least one element (102a-d, 106a-d) of the group consisting of the voltage converting units (102a-d) and the inter-bridge transforming units (106a-d), and adapting an activity state of the element (102a-d, 106a-d) based on the detected status of the element (102a-d, 106a-d) by moving the element (102a-d, 106a-d) from a first position (140) to a second position (142). FIG:1

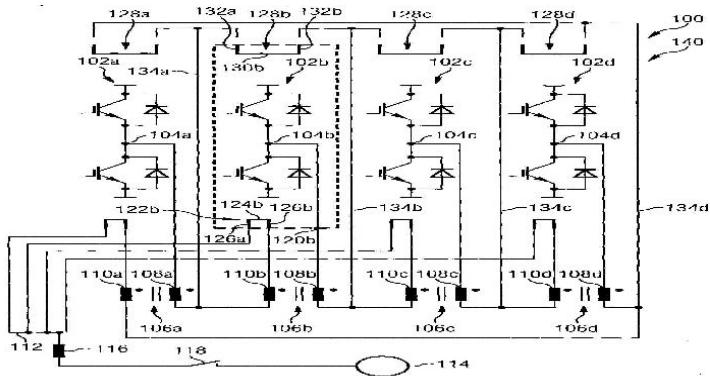


FIG:1

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7641/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PREVENTION AND TREATMENT OF OBESITY AND METABOLIC DISEASES INDUCED BY OBESITY USING MICROORGANISMS

(51) International classification	:A61K 35/74	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0020474	1)JINIS BIOPHARMACEUTICALS CO.
(32) Priority Date	:10/03/2009	Address of Applicant :948-9 DUNSAN-RI, BONGDONG-EUP, WANJU-GUN, JEOLLABUK-DO 565-902, REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2009/003036	1)KIM, HYEON JIN
Filing Date	:05/06/2009	2)HONG, SEONG TSHOOL
(87) International Publication No	:WO 2010/104242	
(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 prevention and treatment of obesity and obesity-related metabolic syndrome, particularly to prevention and treatment of obesity by change of intestinal flora. In the present invention, it was ascertained that the characteristics of intestinal bacteria are transformed by administration of a microorganism preparation which improves free fatty acid absorption by the bacteria, and free fatty acid absorption in the gastrointestinal tract is thereby decreased by introduction thereof. The present invention provides a method for preventing and treating obesity and obesity-related metabolic syndrome, a pharmaceutical composition and diet supplement for prevention and treatment thereof, and modified probiotic strains usable for such purposes on the basis of these experimental results. The present invention shows a weight loss effect equal to that of orlistat which is most widely used as an anti-obesity therapeutic agent. The present invention shows that the absorption of fatty acids in the gastrointestinal tract is blocked by improving the characteristics of intestinal bacteria and transplanting them, thereby enabling the treatment of obesity.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.7624/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EXHAUST GAS PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F01N 3/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/054729
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/114498
(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)BISAIJI YUKI

2)YOSHIDA KOHEI

3)INOUE MIKIO

(57) Abstract :

Inside of an engine exhaust passage, in order from an upstream side, a hydrocarbon feed valve (16), oxidation catalyst (13), exhaust purification catalyst (14), and NOx selective reduction catalyst (15) are arranged. By lowering the air-fuel ratio of the exhaust gas flowing into the exhaust purification catalyst (14) by a predetermined period while maintaining it lean, the NOx is reduced in the exhaust purification catalyst (14) and the NOx which was not reduced at the exhaust purification catalyst (14) is reduced by the ammonia which is adsorbed at the NOx selective reduction catalyst (15). The air-fuel ratio of the exhaust gas flowing into the exhaust purification catalyst (14) is sometimes switched from lean to rich. At this time, the ammonia which was generated at the exhaust purification catalyst (14) is adsorbed at the NOx selective reduction catalyst (15).

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7654/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PARACETAMOL FOR PARENTERAL ADMINISTRATION

(51) International classification	:A61K 31/167
(31) Priority Document No	:09005630.0
(32) Priority Date	:22/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP10/002368
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/121762
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

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2)GEORG ACHLEITNER

3)CHRISTINE AICHHOLZER

(57) Abstract :

The invention relates to an aqueous pharmaceutical composition, preferably an infusion solution, for parenteral administration which contains paracetamol and has an electrical conductivity of not more than 200 $\mu\text{S cm}^{-1}$.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7655/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADHESIVE WAFER FOR USE IN A COLLECTING DEVICE

(51) International classification	:A61F 5/443
(31) Priority Document No	:PA 2009/00515
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050088
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/121623
(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)ANDERS BACH

2)DANUTA CIOK

3)ESBEN STROEBECH

(57) Abstract :

The current invention relates to radially divided adhesive wafers for applying to the skin of a human, and which increases the wear time of such adhesive wafers. The adhesive wafer comprises an inner annular adhesive layer, an outer annular adhesive layer encircling the inner annular adhesive layer, an attachment zone for attaching a collection bag, provided on the distal side of the adhesive wafer, and connection means for mechanically connecting the first annular adhesive layer to the second annular adhesive layer, wherein the connection means comprises a first and a second connection area on the distal side of the respective first and second annular adhesive layers, wherein at least one of the connection areas are arranged in a radial distance from the radial edges of the respective annular adhesive layer. By providing an adhesive wafer as described, it has been shown that the time before a leakage occurs may be increased. In many cases, the leakage is even prevented. This results in the user being able to wear the adhesive wafer for a longer period of time.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7658/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HYDROTREATING CATALYST, PROCESS FOR PRODUCING SAME, AND PROCESS FOR HYDROTREATING HYDROCARBON OIL

(51) International classification	:B01J 23/88	(71) Name of Applicant :
(31) Priority Document No	:2009-070587	1)JX NIPPON OIL & ENERGY CORPORATION
(32) Priority Date	:23/03/2009	Address of Applicant :6-3, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8162, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/001934	1)HIROYUKI SEKI
Filing Date	:18/03/2010	2)YOSHIAKI FUKUI
(87) International Publication No	:WO 2010/109823	3)MASANORI YOSHIDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydrotreating catalyst that exhibits excellent levels of both desulfurization activity and denitrification activity. The hydrotreating catalyst is prepared by supporting molybdenum, cobalt and nickel on a carrier comprising aluminum, silicon, phosphorus and boron, and then performing a presulfiding treatment, and has an average stacking number for molybdenum sulfide slab that is greater than 1.0 but not more than 1.9. Also, a process for producing a hydrotreating catalyst that enables a hydrotreating catalyst having excellent levels of both desulfurization activity and denitrification activity to be produced with comparative ease. The process includes a first step of mixing an acidic aluminum salt aqueous solution and a basic aluminum salt aqueous solution in the presence of phosphate ions and silicate ions to achieve a pH of 6.5 to 9.5, thereby obtaining a hydrate, a second step of adding boron to the hydrate to prepare a carrier-forming material, a third step of molding and calcining the carrier-forming material to obtain a carrier, a fourth step of supporting molybdenum, cobalt and nickel on the carrier to obtain a catalyst precursor, and a fifth step of performing a presulfiding treatment by bringing the catalyst precursor into contact with a mixed gas containing hydrogen and hydrogen sulfide under conditions including a pressure of not less than 2.0 MPa and a maximum temperature of 240 to 380°C.

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7649/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRONIC APPARATUS AND METHOD OF EXTERNAL CONNECTION DEVICE DIGITAL INTERFACE DETERMINATION

(51) International classification	:H04N 7/173
(31) Priority Document No	:2010-029545
(32) Priority Date	:12/02/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/052180 :02/02/2011
(87) International Publication No	:WO 2011/099407
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)TAKEHIKO SAITO

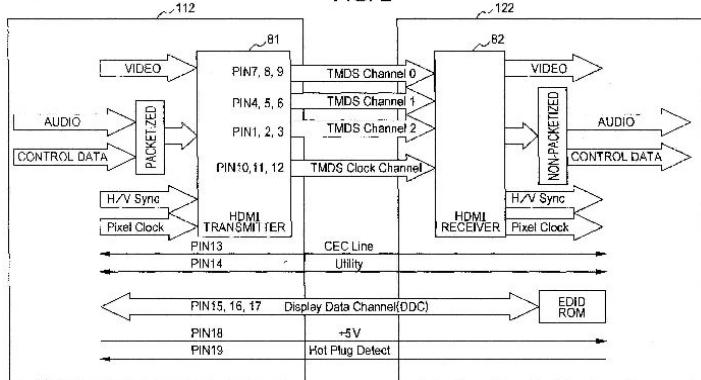
3)TOSHIHIDE HAYASHI

4)GEN ICHIMURA

(57) Abstract :

[Object] To determine the digital interface of a connected external device at a circuit, whereby the operation of a data transmission unit can be switched in accordance with the digital interface of the connected external device. [Solution] A control unit 123 of a sink device 120 includes a determining unit 124. This determining unit 124 determines whether or not a source device 110 is connected to this sink device 120, whether or not the digital interface of a data transmission unit 112 of the source device 110 is HDMI standard or new standard, and so forth. In the event that a data reception unit 122 can handle both of HDMI standard and new standard, based on the determination result of the determining unit 124, a control unit 123 switches the operation of the data reception unit 122 so as to perform operation in accordance with the digital interface of the data transmission unit 112 of the source device 110. A connector unit for connecting an external device which operates using the digital interfaces of HDMI and new standard can be shared, which is advantageous to a cost aspect and a space aspect.

FIG. 2



No. of Pages : 153 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7662/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AIR INDUCTOR

(51) International classification	:B05B 7/04
(31) Priority Document No	:0906171.4
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002956
Filing Date	:23/12/2009
(87) International Publication No	:WO 2010/116115
(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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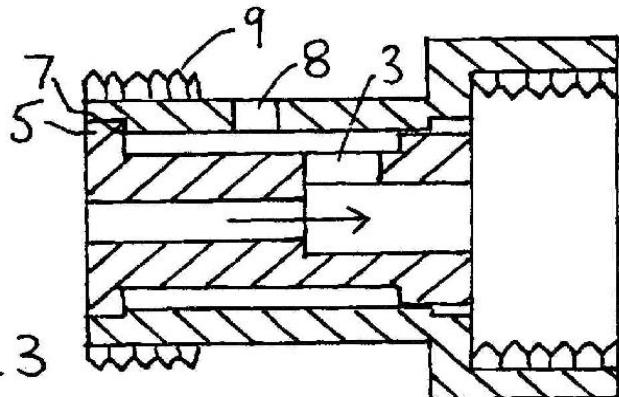
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(72)Name of Inventor :

1)CHALLIS, RUSSELL JOHNSON

(57) Abstract :

An air inductor comprises an inner sleeve having a water inlet (1) and a water outlet (2). The inner sleeve is arranged to form a venturi and has a side air inlet (3). An outer sleeve has first and second different attachment means (9, 11) at opposite ends for attachment to different plumbing fixtures. The inner sleeve can be inserted into either end of the outer sleeve so as to selectively locate the first and second attachment means (9, 11) at the water inlet (1) and water outlet (2) respectively and vice versa.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7664/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BLADED REACTOR FOR THE PYROLYSIS OF HYDROCARBONS

(51) International classification	:B01J 3/08
(31) Priority Document No	:2009110240
(32) Priority Date	:23/03/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2009/000339
Filing Date	:07/07/2009
(87) International Publication No	:WO 2010/110691
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)BUSHUEV, VLADIMIR ANDREEVICH

(57) Abstract :

A bladed reactor for pyrolysis of hydrocarbons comprises a rotor with blades (3) they form an axial-flow blade cascade, a fixed torus-shaped hoop (10) that adjoins the tips of said blades, and a housing (5) that encloses the hoop and a rotor periphery so that a passage having a ring shape of its meridian section is formed. One or more partitions are installed in the passage, an inlet port (18) is located directly after each partition while an outlet port (19) is located directly in front of each partition. Nozzle vanes (20) forming a nozzle cascade are installed upstream of the blade cascade, and diffusing vanes (21) forming a diffusing cascade are installed downstream of the blade cascade. There is a vaneless space (22) between the exit from the defusing cascade and the entry into the nozzle cascade. A group of nozzle vanes arranged directly after each partition may be separated off from the remaining nozzle vanes by a bulkhead so that a channel is formed which connects the corresponding inlet port (18) with separated group of nozzle vanes to simplify the reactor starting. Geometrical parameters of the nozzle and diffusing cascades can vary in the circumferential direction to provide the identical pressure at an inlet of the blade cascade throughout a length thereof and to provide the identical pressure at an outlet of the blade cascade throughout the length thereof, which reduces radial leakages through gaps between the rotor and the housing.

No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7666/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SUSPENSION ELEMENT OF A TRAILING CABLE ASSEMBLY

(51) International classification	:B66C 13/12
(31) Priority Document No	:10 2009 020 096.7-22
(32) Priority Date	:06/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055645
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/145875
(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)GERD SPIES

2)STEFAN FITZLER

3)SVEN MULLER

(57) Abstract :

The invention relates to an assembly, comprising a hollow-profile rail (1) that is open over a longitudinal gap and comprising a plurality of suspension elements (3), which can be moved along the rail (1) and to which an electrical power line (2) is fastened. In order to create an assembly having a hollow-profile rail that is open over a longitudinal gap and having a plurality of suspension elements, which can be moved along the rail and to which an electrical power line is fastened, the suspension elements of which can be easily mounted and replaced, it is proposed that the suspension elements (3) for fastening to the rail (1) are designed such that a support part (4) of said elements can be introduced from the outside by way of the longitudinal gap (la) into a hollow space (lb) of the rail (1) in a mounting position and that the support part (4) after a movement out of the mounting position into a operating position bridges the longitudinal gap (la).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7660/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CONTINUOUS METHOD FOR PRODUCING AMIDES OF ALIPHATIC CARBOXYLIC ACIDS

(51) International classification	:C07C 231/02
(31) Priority Document No	:10 2009 031 057.6
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003445
Filing Date	:09/06/2010
(87) International Publication No	:WO 2011/000462
(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)MATTHIAS KRULL

2)ROMAN MORSCHHAUSER

(57) Abstract :

The invention relates to a continuous method for producing amides of aliphatic carboxylic acids by reacting at least one carbonic acid ester of formula (I) R3-COOR4 (I), wherein R3 represents hydrogen or an optionally substituted aliphatic hydrocarbon group with 1 to 100 carbon atoms and R4 represents a hydrocarbon group with 1 to 30 carbon atoms, or wherein R3 and R4 form an optionally substituted ring with 5, 6 or 7 ring members, with at least one amine of formula (II) HNR R2 (H), wherein R1 and R2 independently represent hydrogen or a hydrocarbon group with 1 to 100 C atoms, in a reaction tube the longitudinal axis of which extends in the direction of propagation of the microwaves of a monomode microwave applicator, under microwave irradiation to form carboxamide.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7673/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE AND METHOD FOR MEASURING A BLOOD CONSTITUENT IN BLOOD FOR AN EXTRACORPOREAL BLOOD TREATMENT DEVICE

(51) International classification	:A61B 5/00
(31) Priority Document No	:10 2009 017 304.8
(32) Priority Date	:11/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002188
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/115621
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH

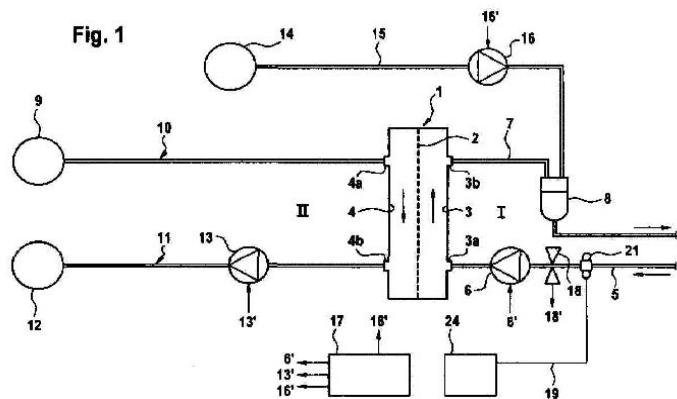
Address of Applicant :ELSE-KRÖNER-STRASSE 1, 61352
BAD HOMBURG V.D.H. (DE) Germany

(72)Name of Inventor :

1)ZHANG, WEI

(57) Abstract :

The invention relates to a device and a method for measuring a blood constituent in blood for an extracorporeal blood treatment device, comprising a dialyzer (1) which is separated into a first chamber (3) and a second chamber (4) by a semi-permeable membrane (2), or comprising a filter, and a hose line system (I, II) comprising hose lines (5, 7; 10, 11) that are pervious to electromagnetic radiation. The invention is based on the fact that the kinetics of a liquid flowing at a measuring site in one of the hose lines (5) of the hose line system (I) is varied. This can be achieved by varying the flow properties of the liquid in the hose line at the measuring site, particularly by stopping a blood pump (6) arranged in the hose line (5) and/or by closing a shut-off member (22) in the hose line. The actual analysis of the measuring data obtained for determining the concentration of the blood constituent is then carried out according to the known methods that use a pressure cuff at the finger of the patient, wherein the invention however analyzes the intensity of the light entering the hose line (5) at the measuring site and the light exiting the hose line at the measuring site.



No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7682/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : APPARATUS AND METHOD TO CONTROL MATERIAL CONVERTING AND ENVELOPE STUFFING

(51) International classification	:B43M 3/04	(71) Name of Applicant :
(31) Priority Document No	:61/166,988	1)KERN GLOBAL LLC
(32) Priority Date	:06/04/2009	Address of Applicant :3940 GANTZ ROAD, GROVE CITY OH 43123, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/030088	1)KEVIN HERAPATH
Filing Date	:06/04/2010	2)GEORGE FORYSTEK
(87) International Publication No	:WO 2010/118020	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (10) and method for stuffing envelopes is disclosed. The apparatus (10) includes a plurality of prime movers, a plurality of sensors (24a-n, 250,266-272) disposed throughout the apparatus (10), and a central controller (150). The prime movers, the sensors (24a-n, 250,266-272) and the central controller (150) are operably interconnected such that the central controller (150) directly receives signals from the sensors (24a-n, 250, 266-272) and from the plurality of prime movers for real-time control of at least one prime mover from the plurality of prime movers based upon determined movement of at least one of a discrete sheet of material, a stack of sheets of material or a stuffed envelope through at least a portion of the apparatus (10).

No. of Pages : 64 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7691/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SINGLE-USE MICROFLUIDIC TEST CARTRIDGE FOR THE BIOASSAY OF ANALYTES

(51) International classification	:B01L 3/00
(31) Priority Document No	:10 2009 016 712.9
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001949
Filing Date	:27/03/2010
(87) International Publication No	:WO 2010/115531
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER TECHNOLOGY SERVICES GMBH

Address of Applicant :51368 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)INGMAR DORN

2)ANDREAS SCHADE

(57) Abstract :

The invention relates to a disposable test cassette for qualitative and/or quantitative analysis of analytes, comprising a structured body in which there are introduced cavities which are connected to one another by channels, wherein the test cassette comprises at least one inlet for introducing a sample fluid containing the analyte, at least one reagent chamber in which one or more reagents for reaction with the analyte or for mixing with the sample fluid are stored and at least one detection chamber in which a signal for detection or quantitative analysis of the analyte is detected, characterized in that the floor or the ceiling of the detection chamber consists of a signal transducer or a window for detection of a signal, the channels are designed such that the fluid cannot be drawn by capillary forces into the reagent chamber or to the opening, and the reagents in the reagent chamber and, optionally, further reagents in the detection chamber are stored in dry form. Furthermore, the invention relates to an apparatus for bioassaying analytes by means of biosensors and/or chemosensors, comprising the test cassette according to the invention, at least one coupling site for positioning the test cassette, at least one means for transporting sample fluids in the test cassette and at least one temperature control unit, and also to a method for operating this apparatus. The test cassette, apparatus according to the invention and the method can be used in environmental analysis, the food sector, human and veterinary diagnostics and crop protection in order to determine analytes qualitatively and/or quantitatively. Fig. 4

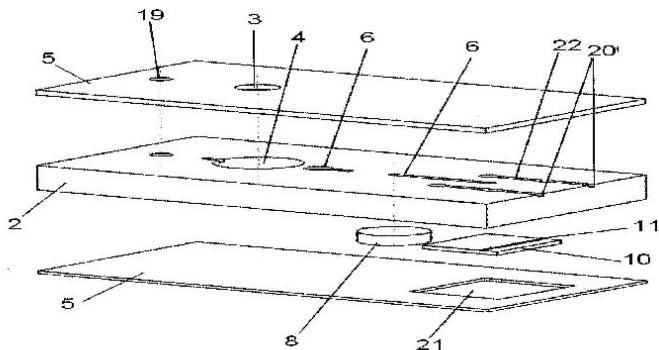


Fig. 4

No. of Pages : 41 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7667/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVED VIBRATION ISOLATION

(51) International classification	:F16F 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/036871
Filing Date	:12/03/2009
(87) International Publication No	:WO 2010/104508
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BELL HELICOPTER TEXTRON INC.

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(72)Name of Inventor :

1)SMITH, MICHAEL, R.

2)STAMPS, FRANK, B.

(57) Abstract :

A vibration isolator having a housing defining a fluid chamber, piston assembly, tuning passage, and a switchable fluid path assembly for changing the isolation frequency of the vibration isolator. The piston assembly is resiliently disposed within the housing. A vibration tuning fluid is allowed to flow within the housing. Actuation of a valve in the switchable fluid path assembly selectively controls fluid flow within the fluid path of the switchable fluid path assembly.

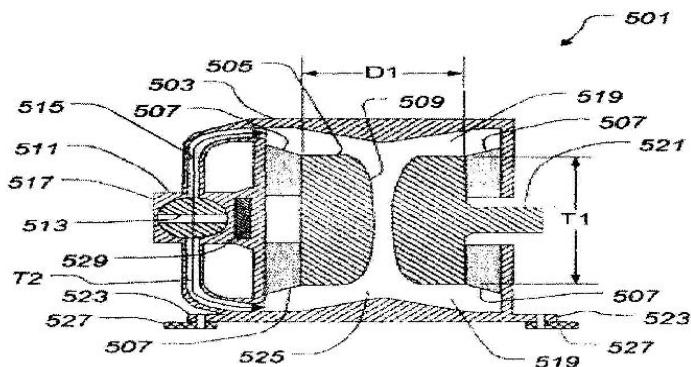


FIG. 5

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7668/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PLAYING CARD SHUFFLER

(51) International classification	:A63F 1/12
(31) Priority Document No	:12/384,732
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001032
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/117446
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHUFFLE MASTER, INC.

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(72)Name of Inventor :

1)SINES, RANDY D.

(57) Abstract :

An apparatus is for shuffling a plurality of playing cards used in gaming. The apparatus includes a support adapted to support the unshuffled card on-edge. An exciter is also included, and is adapted to impart vibrational action to the supported cards. Cards drop in a random fashion such as by controlling the relative position of the cards and passage through one or more slots in the supporting rest. In some of the apparatuses a medial receiver is adapted to receive at least one card dropped from the support and retain the at least one received card to substantially block the slot to prevent further cards from dropping. A positioner is preferably included to change the relative position of the unshuffled deck and slots through which the cards drop.

No. of Pages : 76 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.7669/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DIFFUSION FURNACES EMPLOYING ULTRA LOW MASS TRANSPORT SYSTEMS AND METHODS OF WAFER RAPID DIFFUSION PROCESSING

(51) International classification	:H01L 21/677
(31) Priority Document No	:61/170,051
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031473
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121190
(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)PARKS, RICHARD, W.

2)REY GARCIA, LUIS, ALEJANDRO

3)RAGAY, PETER, G.

(57) Abstract :

Multi-zone, solar cell diffusion furnaces having a plurality of radiant element (SiC) or/and high intensity IR lamp heated process zones, including baffle, ramp-up, firing, soaking and cooling zone(s). The transport of solar cell wafers, e.g., silicon, selenium, germanium or gallium-based solar cell wafers, through the furnace is implemented by use of an ultra low-mass, wafer transport system comprising laterally spaced shielded metal bands or chains carrying non-rotating alumina tubes suspended on wires between them. The wafers rest on raised circumferential standoffs spaced laterally along the alumina tubes, which reduces contamination. The bands or chains are driven synchronously at ultra-low tension by a pin drive roller or sprocket at either the inlet or outlet end of the furnace, with appropriate tensioning systems disposed in the return path. The high intensity IR flux rapidly photo-radiation conditions the wafers so that diffusion occurs > 3X faster than conventional high-mass thermal furnaces. Fig. 8

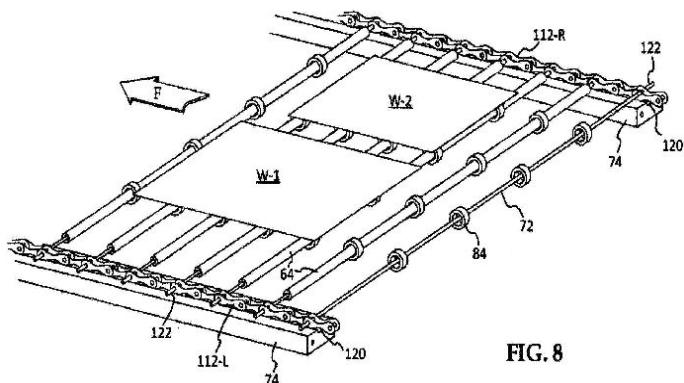


FIG. 8

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7715/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TISSUE CLOSURE DEVICE, DEVICE AND SYSTEMS FOR DELIVERY, KITS AND METHODS THEREFOR

(51) International classification	:A61B 17/03
(31) Priority Document No	:61/212,296
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030531
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118312
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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LIVERMORE, CA 94550, U.S.A.

(72)Name of Inventor :

1)HOUSER, RUSSELL, A.
2)BOWER, JOHN, HUNTER
3)DO, PAUL, L.

(57) Abstract :

The present invention relates to wound closure devices, devices and systems for delivery, kits and methods therefor. The wound closure devices can achieve wound closure in lieu of compression and can be configured to be quickly deployable by an introducer or from outside the body.

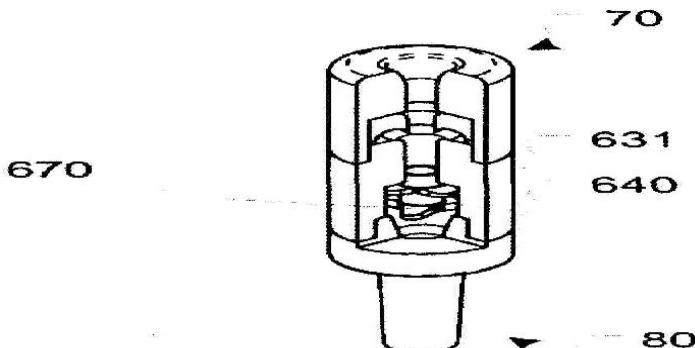


FIG. 65A

No. of Pages : 178 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7716/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : 'X-RAY GENERATOR AND COMPOSITE DEVICE USING THE SAME AND X-RAY GENERATING METHOD'

(51) International classification	:H01J 35/06	(71) Name of Applicant :
(31) Priority Document No	:2009-092852	1)ADTECH SENSING RESEARCH INC
(32) Priority Date	:07/04/2009	Address of Applicant :93, MINAMIMATSUBARA, AKEBONO-CHO, TOYOHASHI-SHI, AICHI 4418151, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/002489	1)TAKAI, MIKIO
Filing Date	:05/04/2010	2)ISHIDA, TOSHIYUKI
(87) International Publication No	:WO 2010/116709	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an X-ray generator (1) comprised of an electron emission element (10) which receives energy to emit electrons; a metal piece (20) which receives the electrons emitted from the electron emission element (10) to emit an X-ray; and energy supply portions (3, 5) which supply energy to the electron emission element (10), wherein the energy supply portions (3, 5) irradiate a pyroelectric element functioning as an electron emission element with, for example, ultraviolet pulsed light, and a high-energy local portion is formed in the pyroelectric element. Thus, the X-ray generator wherein the size thereof can be reduced, and an on/off control for the generation of X-ray can be easily performed, can be provided.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7706/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MINING MACHINE CUTTER BITS AND MOUNTING SLEEVES

(51) International classification	:E21C 35/19
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/000469
Filing Date	:09/03/2009
(87) International Publication No	:WO 2010/103339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COX, DALE, ROBERT

Address of Applicant :2 HONIBALL STREET, RYNFIELD,
BENONI, GAUTENG PROVINCE 1501, SOUTH AFRICA

(72)Name of Inventor :

1)COX, DALE, ROBERT

(57) Abstract :

A mining machine cutter bit (1, 40, 60) is provided of generally circular cylindrical shape with a locating flange (3) intermediate its ends. The flange provides a first annular abutment face (4a, 23, 32) on the side thereof remote from an associated first hard wearing tip (11a, 46) the use of which is associated with the use of said first abutment face. The cutter bit has a circumferentially extending first locating groove (5a, 22, 43, 57) and a mounting tail (9b, 61) on the side of the locating flange remote from the first hard wearing tip. The locating groove is positioned with its nearer edge axially at a distance from said first abutment face that is less than 25 percent of the reach of the cutter bit, and typically of the order of 10 percent. The cutter bit may be reversible and in that instance has, in axial mirror image relative to the locating flange, a second hard wearing tip (1 lb), a second annular abutment face (4b) on the opposite side of the locating flange and a second locating groove (6b) on the side of the locating flange opposite the first locating groove. A co-operant mounting sleeve is also provided.

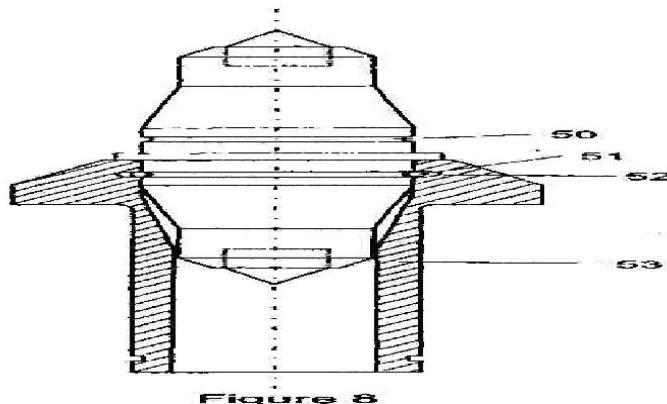


Figure 8

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7708/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NOVEL DICARBOXYLIC ACID LINKED AMINO ACID AND PEPTIDE PRODRUGS OF OPIOIDS AND USES THEREOF

(51) International classification	:A61K 31/485	(71) Name of Applicant :
(31) Priority Document No	:61/211,831	1)SHIRE LLC
(32) Priority Date	:02/04/2009	Address of Applicant :9200 BROOKFIELD COURT, FLORENCE, KY 41042, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/GB2010/050584	1)FRANKLIN, RICHARD
Filing Date	:01/04/2010	2)GOLDING, BERNARD T.
(87) International Publication No	:WO 2010/112942	3)TYSON, ROBERT, G.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns dicarboxylic acid linked amino acid and peptide prodrugs of opioid analgesics and pharmaceutical compositions containing such prodrugs. Methods for providing pain relief, decreasing the adverse GI side effects of the opioid analgesic and increasing the bioavailability of the opioid analgesic with the aforementioned prodrugs are also provided. In one embodiment, prodrugs having the amino acid side chains of valine, leucine, isoleucine and glycine; and mono-, di-and tripeptides thereof are provided.

No. of Pages : 187 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7710/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MOBILE CONTENT DELIVERY ON A MOBILE NETWORK

(51) International classification	:G06Q 30/00
(31) Priority Document No	:12/420,700
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030437
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118262
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

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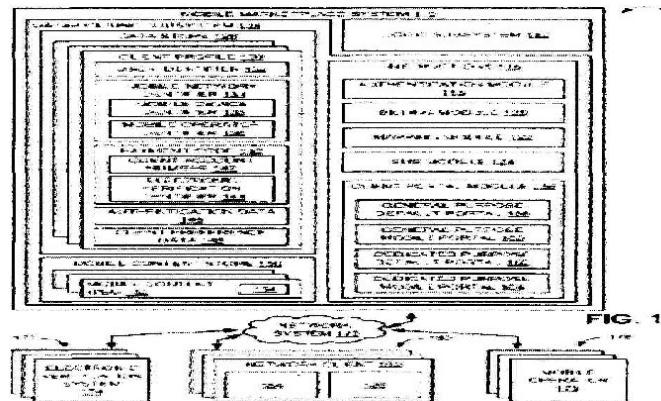
(72)Name of Inventor :

1)ZARGAHI, KAMRAN R.

2)CONNOLLY, MICHAEL CHRISTOPHER

(57) Abstract :

Embodiments related to mobile content delivery are disclosed. One disclosed embodiment provides a method of facilitating mobile content delivery on a mobile network. The method comprises receiving a purchase request from a network client at a mobile marketplace system; prompting the network client to provide a billing preference; receiving the billing preference from the network client at the mobile marketplace system, the billing preference indicating a billing party; authenticating a billing relationship between the network client and a mobile operator if the billing preference indicates the mobile operator as the billing party; authenticating a billing relationship between the network client and the mobile marketplace system if the billing preference indicates the mobile marketplace system as the billing party; and providing a mobile content item from the mobile marketplace system to the network client if the billing relationship between the network client and the billing party is authenticated.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7726/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FILTER FOR AN INDOOR CELLULAR SYSTEM

(51) International classification	:H04W 52/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/054293
Filing Date	:09/04/2009
(87) International Publication No	:WO 2010/115468
(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 :SE-164 83 STOCKHOLM (SE)
Sweden

(72)Name of Inventor :

1)ABOUZID, TAOUIQ

2)SOULHI, SAID

(57) Abstract :

The invention relates to a filter (20) filtering a downlink signal of an antenna (13) of an indoor cellular system, the filter comprising a signal determining unit (24) determining a signal strength of an uplink signal received by said antenna (13), the filter adjusting a signal strength of the downlink signal of said antenna (13) in accordance with the signal strength of the uplink signal.

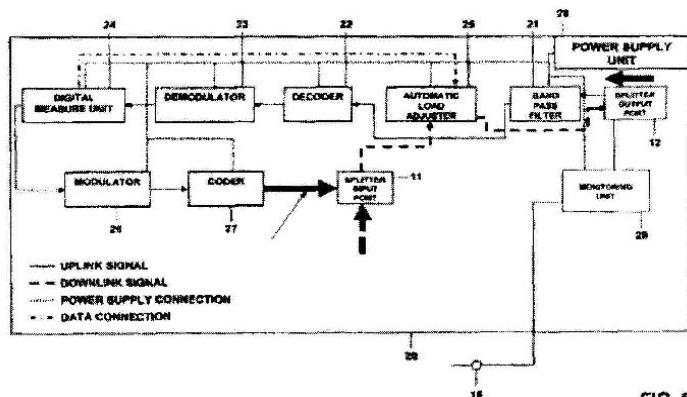


FIG. 8

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7719/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DECELLULARIZATION AND RECELLULARIZATION OF ORGANS AND TISSUES

(51) International classification	:A61K 35/07
(31) Priority Document No	:61/211,613
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029463
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/120539
(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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SAINT PAUL, MINNESOTA 55114-8658, U.S.A.

(72)Name of Inventor :

1)TAYLOR DORIS
2)OTT HARALD

(57) Abstract :

The invention provides for methods and materials to decellularize an organ or portion thereof and to recellularize such a decellularized organ or portion thereof to thereby generate an organ or portion thereof.

No. of Pages : 84 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7720/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF ENDOTHELIAL RECEPTOR ANTAGONIST (BOSENTAN)

(51) International classification	:C07D 403/04
(31) Priority Document No	:969/MUM/2009
(32) Priority Date	:13/04/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/EPO2010/054720
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118992
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SANDOZ AG

Address of Applicant :LICHTSTRASSE 35, CH-4056
BASEL, SWITZERLAND

(72)**Name of Inventor :**

1)JOSHI SHREERANG

2)KHAN RASHID

3)BENDRE DEVEN

4)SALUNKHE DADASAHEB

5)GUDEKAR SANKET

(57) Abstract :

The present invention relates to processes for the preparation of an endothelial receptor antagonist. The present invention particularly relates to synthesis of 4-tert-butyl-N-[6-(2- hydroxyethoxy)-5-(2-methoxyphenoxy)-2-(2-pyrimidinyl)-4-pyrimidinyl] benzene sulfonamide (bosentan).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7733/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRICAL CONNECTOR

(51) International classification	:H041R 13/58
(31) Priority Document No	:09155011.1
(32) Priority Date	:12/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/052911
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/102978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TYCO ELECTRONICS AMP GMBH

Address of Applicant :AMPERESTRASSE 12 - 14, D - 64625 BENSHEIM, GERMANY

(72)Name of Inventor :

1)GOSSEN, KONSTANTIN
2)SCHMOEKER, TOBIAS
3)ZAYC, MICHAEL
4)THIEL, FRANZ-JOSEF
5)GLASER, STEFAN ERNST

(57) Abstract :

The invention relates to a connector with a housing, with terminals, with conductors that are connected with the terminals, with a guidance element that is arranged in the housing and that guides the conductors in the housing, with an elastic element that is arranged between the conductors and the guidance element, with a retainer element that forces the conductors against the elastic element.

Figure 1

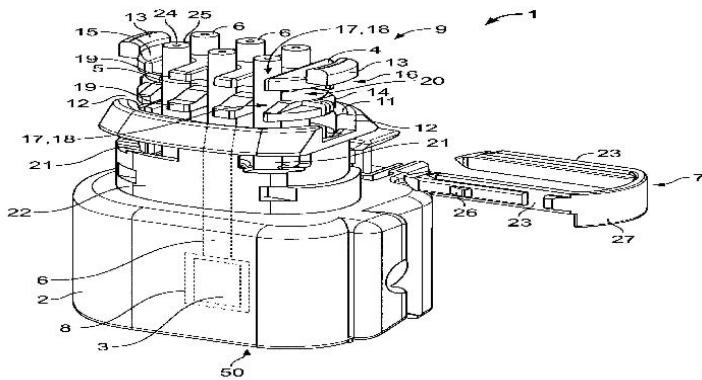


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7735/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SULPHURATED DERIVATIVES OF RESORCINOL, PREPARATION OF SAME AND COSMETIC USES THEREOF

(51) International classification	:C07C 317/22
(31) Priority Document No	:0952289
(32) Priority Date	:08/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/054619
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/115945
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIERRE FABRE DERMO-COSMETIQUE

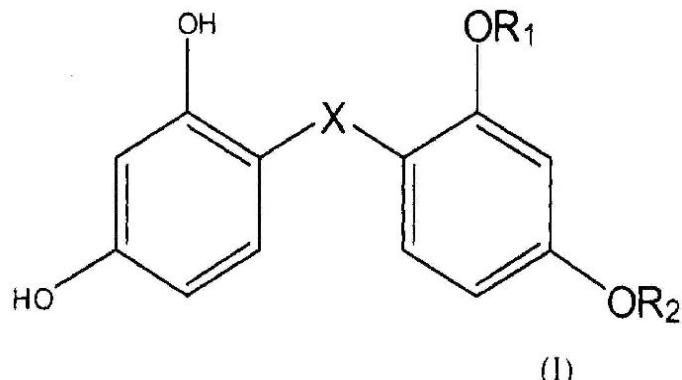
Address of Applicant :45, PLACE ABEL GANCE, F-92100 BOULOGNE-BILLANCOURT, FRANCE

(72)Name of Inventor :

1)POIGNY, STEPHANE

(57) Abstract :

The present invention relates to a compound of the general formula (I) where; X = S, SO or SO₂; and one of the radicals R₁ and R₂ is a hydrogen atom and the other is a radical: a C₁ to C₁₈ linear or branched alkyl, optionally substituted by one or more halogen atom(s); a C₂ to C₁₈ linear or branched alkenyl, optionally substituted by one or more halogen atom(s); an aralkyl, optionally substituted by one or more C₁ to C₆ alkoxy group(s); or a COR₃ or CONHR₃, but not simultaneously, where R₃ is a radical: a C₁ to C₁₈ linear or branched alkyl, optionally substituted by one or more halogen atom(s); a C₂ to C₁₈ linear or branched alkenyl, optionally substituted by one or more halogen atom(s); an aralkyl, optionally substituted by one or more C₁ to C₆ alkoxy group(s); an aralkenyl, optionally substituted by one or more C₁ to C₆ alkoxy groups and/or one or more OH group(s); or an aryl radical, optionally substituted by one or more C₁ to C₆ alkoxy group(s).



No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7736/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS FOR IMPROVING BIOGAS PRODUCTION IN THE PRESENCE OF HARD SUBSTRATES

(51) International classification	:C02F 11/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SG2009/000121
Filing Date	:02/04/2009
(87) International Publication No	:WO 2010/114481
(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)FUMITAKA, SHINYA

2)WU JINCHUAN

(57) Abstract :

The present invention provides systems and methods for increasing methane production from anaerobic digestion. By adding pentose or glycerol-degrading microbes into the anaerobic digesters, these hard substrates can be efficiently converted to biogas with greater methane content. Figure 1

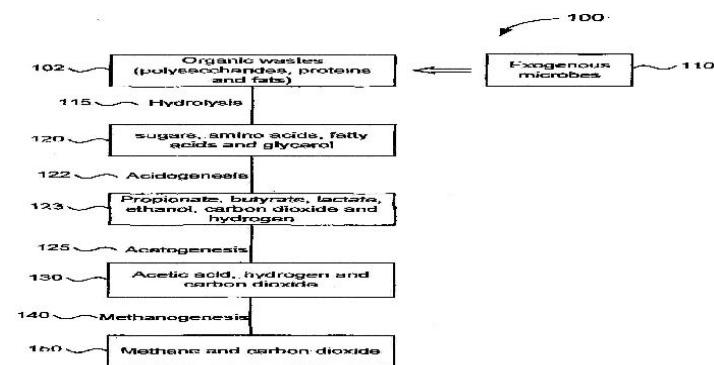


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7747/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HORIZONTAL COMPONENT CATCHER OF DUSTFALL IN ATMOSPHERE AND MEASURING METHOD OF HORIZONTAL COMPONENT

(51) International classification	:G01N 1/02	(71) Name of Applicant :
(31) Priority Document No	:2009-089492	1)NIPPON STEEL CORPORATION
(32) Priority Date	:01/04/2009	Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/002418	1)NOBUAKI ITO
Filing Date	:01/04/2010	
(87) International Publication No	:WO 2010/113521	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A horizontal atmospheric dustfall component trap includes: a dust sampling port that includes a ceiling plate, a side wall, and four or more partition plates; an air pipe; and a trap container, wherein the side wall is a plate that has a vertical center axis and has a side surface having a shape of a substantially circular truncated cone or a polygonal truncated cone widened upward, wherein the side wall is provided with four or more external air inlets each having an opening disposed at the same interval in the circumferential direction of the side wall and disposed at a specific height near the upper end thereof, wherein the ceiling plate has a substantially disk shape, wherein the center axis of the ceiling plate is aligned with the center axis of the side wall, wherein the four or more partition plates are connected to each other on the center axis of the ceiling plate, and wherein the four or more partition plates divide a space surrounded by the side wall into fan-shaped areas having an equal size in a horizontal cross-section.

No. of Pages : 80 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7728/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SEPARATION SYSTEM COMPRISING A SWIRL VALVE

(51) International classification	:B01D 45/16
(31) Priority Document No	:PCT/NL2009/050181
(32) Priority Date	:07/04/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/NL2009/050181
Filing Date	:07/04/2009
(87) International Publication No	:WO 2010/117259
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TWISTER B.V.

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(72)Name of Inventor :

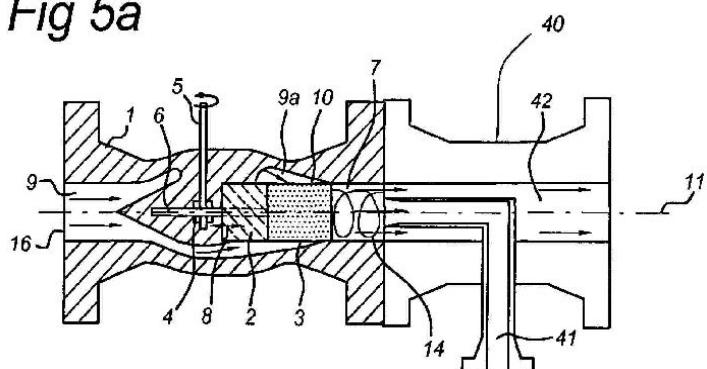
1)BETTING, MARCO

2)TJEENK WILLINK, CORNELIS ANTONIE

(57) Abstract :

The invention relates to a separation system comprising a flow inlet (16). The separation system comprises a swirl valve (100), arranged to receive and control the flux of a fluid flow via the flow inlet (16) and to generate a swirling flow, swirling about a central axis (11). The separation system further comprises a separation chamber (40) positioned downstream with respect of the swirl valve (100) to receive the swirling flow from the swirl valve (100), wherein the separation chamber (40) comprises a first and second flow outlet (41,42). The first flow outlet (41) is positioned to receive an inner portion of the swirling flow and the second outlet (42) is positioned to receive an outer portion of the swirling flow. [Fig. 5a]

Fig 5a



No. of Pages : 40 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7729/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LEAD-FREE BRASS ALLOY

(51) International classification	:C22C 38/58
(31) Priority Document No	:12/400,283
(32) Priority Date	:09/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/053505
Filing Date	:12/08/2009
(87) International Publication No	:WO 2010/104527
(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)LAZARUS, NORMAN, MICHAEL

(57) Abstract :

The invention relates to brass alloys that are substantially lead-free. In the alloys of the invention, lead is replaced with tellurium resulting in alloys that exhibit excellent machinability and conductivity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7732/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TUNNEL DRYER FOR CONSTRUCTION PRODUCTS SUCH AS BRICKS OR TILES

(51) International classification	:F26B 15/10
(31) Priority Document No	:0951457
(32) Priority Date	:09/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000103
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/103197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANDRE VEGNADUZZO

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2)MICHEL LEREBOURG

(72)Name of Inventor :

1)ANDRE VEGNADUZZO

2)MICHEL LEREBOURG

(57) Abstract :

The invention relates to a dryer that comprises a lower tunnel (110) and an upper tunnel (120) connected at each end by a well (130, 140) and through which extends a chain conveyor (150) with baskets (155) for receiving the products to be , dried. The chain (150) goes from a horizontal path to a vertical path (or conversely) at the junction of a tunnel (110,120) or a well (130, 140) by angle transmission (151-154) and at a well (130, 140), the transmission pulley (151A-154A) at the end of the horizontal path is completed by a bypass pulley (151B-154B) mstalled in the well so that the chain follows an inclined path substantially corresponding to the hypotenuse of the triangle taken in the rectangle having a vertical side equal to the height of the basket (155) up to the suspension point to the chain (150) and a horizontal side equal to half the width of the basket (155).

No. of Pages : 45 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7754/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STIMULATED EMISSION LUMINESCENT LIGHT-GUIDE SOLAR CONCENTRATORS

(51) International classification	:H01L 31/055
(31) Priority Document No	:2,658,193
(32) Priority Date	:12/03/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/000363
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/102408
(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)MORGAN, JOHN, PAUL

2)CHANG, PHILLIP, M.

3)MYRSKOG, STEFAN, H.S.

(57) Abstract :

A solar concentrator comprising: A luminescent layer having luminescent particles capable of becoming excited by absorbing solar light of a first absorption frequency and, once excited, being capable of being stimulated to emit luminescent light at a first emission frequency. A light source for generating a pump light of the first emission frequency for stimulating the excited luminescent particles having absorbed solar light such that when the pump light traveling in a direction of travel stimulates the luminescent particles having absorbed solar light at the first absorption frequency the luminescent particles emit luminescent light at the first emission frequency in the direction of travel of the pump light, intensifying the pump light. A light guide adjacent to and optically coupled with the luminescent layer , the light-guide for assisting in guiding the intensified pump light via total internal reflection to a light collection area.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7759/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HORIZONTAL WIND POWERED TURBINE

(51) International classification	:F03D 3/04
(31) Priority Document No	:61/168,993
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000528
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118509
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUINTAL REJEAN

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(72)Name of Inventor :

1)QUINTAL REJEAN

(57) Abstract :

A wind powered turbine is comprised of a frame on which is horizontally and rotatably supported a rotor on a rotor shaft. The rotor is formed by three or more radial blade members which are secured to the rotor shaft. The radial blade members are equidistantly spaced from one another and each have support arms and a wind vane secured at an outer end portion of the support arms. The wind vane is shaped to capture an airflow directed thereagainst for displacement thereof to create a rotational force about the rotor shaft to rotate the shaft about its longitudinal central axis. The radial blade members are rigidly interconnected to one another at an outer end portion thereof by tension adjustable bracing tie wires. A wind channeling guide assembly accelerates and directs the airflow in an actuating airflow path to impinge upon at least one of the wind vanes positioned in the actuating airflow path.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7749/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR CHARACTERIZING ARTHRITIC CONDITIONS

(51) International classification	:G01N 33/564
(31) Priority Document No	:61/159,386
(32) Priority Date	:11/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000368
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/102412
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1) AUGUREX LIFE SCIENCES CORPORATION

Address of Applicant :1423 DEMPSEY ROAD, NORTH
VANCOUVER, BRITISH COLUMBIA, CANADA V7K 1S7
Canada

(72)**Name of Inventor :**

1) ANTHONY MAROTTA

(57) Abstract :

The present invention relates to autoantibodies against 14-3-3 proteins or circulating immune complexes thereof and the detection of such for the diagnosis and prognosis of an arthritic condition.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7774/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPRESSION CONNECTOR FOR COAXIAL CABLE WITH STAGGERED SEIZURE OF OUTER AND CENTER CONDUCTOR AND CENTER CONDUCTOR SEIZING MECHANISM

(51) International classification	:H01R 9/05
(31) Priority Document No	:12/421,855
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029725
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/117890
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JOHN MEZZALINGUA ASSOCIATES, INC.

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(72)**Name of Inventor :**

1)MONTENA, NOAH

2)JACKSON, DAVID

3)ROBB, DANIEL

4)CHAWGO, SHAWN

(57) Abstract :

A coaxial cable compression connector includes a connector body having opposing first and second ends and a defined center passageway, an insulator disposed within the center passageway adjacent the first end of said connector body, and a compression sleeve movably connected to the second end of said connector body. In one version, the outer conductor of a prepared coaxial cable end and the center conductor are sequentially seized based on axial movement of the compression sleeve upon insertion of a prepared coaxial cable. The compression sleeve when axially moved from the second end to the first end sequentially enables a clamp to engage and seize each of the outer and center conductors. In another version, movement of the compression sleeve causes engagement of the center conductor of an engaged coaxial cable by a plurality of seizing elements disposed in relation to a conductive member into which the center conductor is advanced a predetermined distance.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7775/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SCALABLE CLUSTERING

(51) International classification	:G06F 17/00
(31) Priority Document No	:12/421,853
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029715
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/117889
(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)SCHWAIGHOFER, ANTON

2)CANDELA, JOAQUIN, QUINONERO

3)BORCHERT, THOMAS

4)GRAEPEL, THORE

5)HERBRICH, RALF

(57) Abstract :

A scalable clustering system is described. In an embodiment the clustering system is operable for extremely large scale applications where millions of items having tens of millions of features are clustered. In an embodiment the clustering system uses a probabilistic cluster model which models uncertainty in the data set where the data set may be for example, advertisements which are subscribed to keywords, text documents containing text keywords, images having associated features or other items. In an embodiment the clustering system is used to generate additional features for associating with a given item. For example, additional keywords are suggested which an advertiser may like to subscribe to. The additional features that are generated have associated probability values which may be used to rank those features in some embodiments. User feedback about the generated features is received and used to revise the feature generation process in some examples.

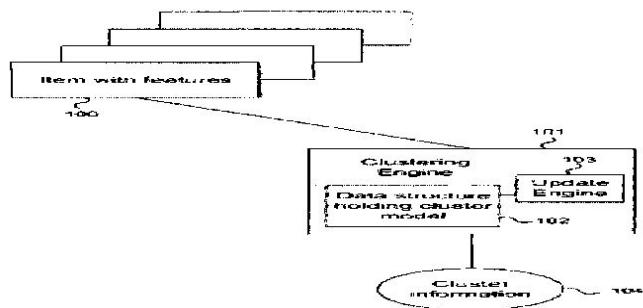


FIG. 1

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7776/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NOVEL STRATEGIES FOR IMPROVED CANCER VACCINES

(51) International classification	:A61K 51/00
(31) Priority Document No	:61/168,290
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030045
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/117984
(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)CHANG, CHIEN-HSING

2)GOLDENBERG, DAVID, M.

(57) Abstract :

Methods and compositions for forming anti-cancer vaccine complexes are disclosed. The vaccine complex comprises an antibody moiety that binds to dendritic cells, such as an anti-CD74 antibody or antigen-binding fragment thereof, attached to an AD (anchoring domain) moiety and a xenoantigen, such as CD20, attached to a DDD (dimerization and docking domain) moiety, wherein two copies of the DDD moiety form a dimer that binds to the AD moiety, resulting in the formation of the vaccine complex. The vaccine complex is capable of inducing an immune response against xenoantigen expressing cancer cells, such as CD13S sub neg CD20+ MM stem cells, and inducing apoptosis of and inhibiting the growth of or eliminating the cancer cells

No. of Pages : 101 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7782/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM COMPRISING A BOX FOR IMPLANTING IN A BODY PART

(51) International classification	:A61N 1/375
(31) Priority Document No	:09158638.8
(32) Priority Date	:23/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2010/051741
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122503
(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)BUDZELAAR, FRANCISCUS, P., M.
5)GOOTZEN, JOZEF, F., E.
6)TOL, JEROEN, J., A.

(57) Abstract :

A system (102) comprising a box (104) for implanting in a mammal body part (106), which box is provided with a first electrical contact (110, 121, 114, 116, 118, 120), and a module (108) for accommodating in the box, which module is provided with a second electrical contact (122, 124, 126) for cooperation with said first electrical contact. The first electrical contact and the second electrical contact are mutually movable, at least in a stationary accommodation of the module in the box, between a contact position in which said first and second electrical contacts are electrically connected, and a non-contact position in which said first and second electrical contacts are separated from each other. FIG. 2A

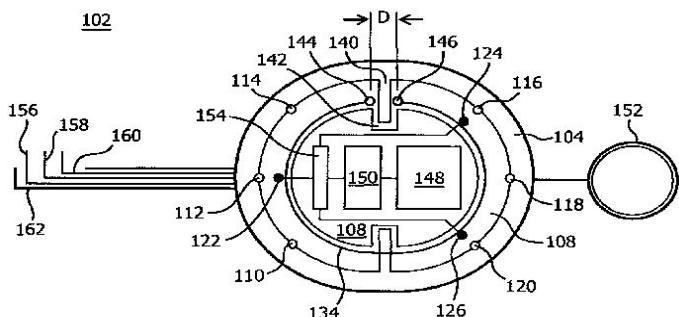


FIG. 2A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7760/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STABILIZED LIPID FORMULATION OF APOPTOSIS PROMOTER

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/174,299
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/033075 :30/04/2010
(87) International Publication No	:WO 2010/127193
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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- 2)FICKES MICHAEL**
- 3)FISCHER CRISTINA**
- 4)HAIGHT ANTHONY R.**
- 5)HEEMSTRA KATHERINE**
- 6)SANZGIRI YESHWANT**
- 7)SCHMITT ERIC**
- 8)TONG PING**
- 9)ZHANG GEOFF**
- 10)ZHOU DELIANG**

(57) Abstract :

An orally deliverable pharmaceutical composition comprises a Bcl-2 family protein inhibitory compound, e.g., ABT-263, a heavier-chalcogen antioxidant and a substantially non-aqueous lipid carrier, wherein said compound and said antioxidant are in solution in the carrier. The composition is suitable for oral administration to a subject in need thereof for treatment of a disease characterized by overexpression of one or more anti-apoptotic Bcl-2 family proteins, for example cancer.

No. of Pages : 81 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7762/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LIPID FORMULATION OF APOPTOSIS PROMOTER

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/174,245
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/033074 :30/04/2010
(87) International Publication No	:WO 2010/127192
(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)HAIGHT ANTHONY R.

5)HEEMSTRA KATHERINE

6)MARSH KENNAN

7)MAYER PETER

8)RUBIN VITALY

9)SANZGIRI YESHWANT

10)SCHMITT ERIC

11)TONG PING

12)ZHOU DELIANG

(57) Abstract :

An orally deliverable pharmaceutical composition comprises a drug-carrier system having a Bcl-2 family protein inhibitory compound, e.g., ABT-263, in solution in a substantially non-aqueous carrier that comprises at least one phospholipid and a pharmaceutically acceptable solubilizing agent. The composition is suitable for oral administration to a subject in need thereof for treatment of a disease characterized by overexpression of one or more anti-apoptotic Bcl-2 family proteins, for example cancer.

No. of Pages : 61 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7767/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : GEL CARD FILLING DEVICE COMPRISING AN IONIZER

(51) International classification	:B65B 3/00
(31) Priority Document No	:0952290
(32) Priority Date	:08/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050602
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/116069
(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)BUFFIERE, FREDERIC

2)PETIT, SERGE

3)BRISEBRAT, JEAN-MICHEL

(57) Abstract :

The invention relates to a device for filling at least one receptacle (12) of gel card type initially sealed by a cap. The invention is characterized by the fact that the filling device comprises a piercing member (110) for perforating the cap, means (120) for eliminating the electrostatic charges capable of being borne by the receptacle, and filling means (130) for filling the receptacle after perforation of the cap and elimination of the electrostatic charges. Fig.1

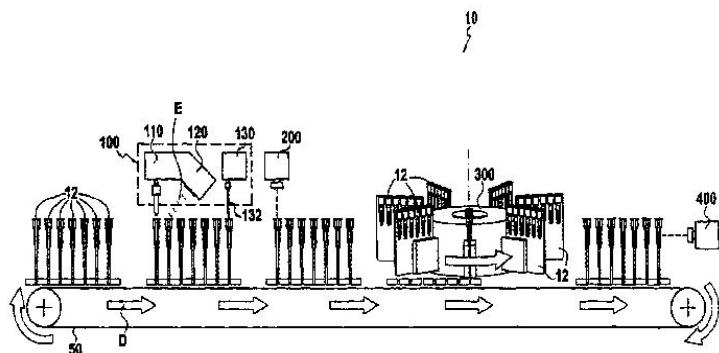


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7797/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS USING AXL AS A BIOMARKER OF EPITHELIAL-TO-MESNCHYMAL TRANSITION

(51) International classification	:C12Q 1/68
(31) Priority Document No	:0904418.1
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2010/000516
Filing Date	:01/03/2010
(87) International Publication No	:WO 2010/103388
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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NORWAY

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1)JAMES BRADLEY LORENS

2)DAVID ROBERT MICKLEM

3)LARS AKSLEN

(57) Abstract :

The present invention relates to the use of Axl as biomarker for detecting the occurrence of epithelial-to-mes-emehyal transition (EMT) in a subject. More specifically, the invention relates to various methods tor detecting the occurrence of epithslis to mesenchymal transition (EMT) in a suhjecl by measuring Axl expression and/or activity.

No. of Pages : 80 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7799/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTIPLEXED SCREWS

(51) International classification	:A61B 17/86
(31) Priority Document No	:61/172,451
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032232
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124205
(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)TOM OVERES

3)ROBERT FRIGG

4)NICOLAS BOUDUBAN

5)SILAS ZURSCHMIEDE

6)SIMON STUCKI

(57) Abstract :

A bone fixation element comprises a shaft extending substantially along a longitudinal axis of the fixation element in combination with a head including a plurality of fixation element openings distributed about a perimeter thereof. Each of the fixation element opening extends through the head from proximal surface thereof to a distal surface of the head. Each of the fixation element openings extends through the bead along the opening axis.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7802/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PRODUCING A DISK WINDING

(51) International classification	:H01F 27/28
(31) Priority Document No	:09006511.1
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP10/002591
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/130337
(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)BENJAMIN WEBER

(57) Abstract :

The invention relates to a method for producing a disk Avinding (9) comprising at least three disks (1, 2, 3) which are arranged adjacent to each other. An intermediate isolation (A, B) is produced at the same time as the winding between respectively two disks (1,2,3) during the wmding process, a connection conductor (7, 7A, 7B) extends from the end of one of the disks to the beginning of the other disk in the form of a diagonal inside the intermediate isolation (A, B) and the intermediate isolation is divided into two partial areas, that is, a first intermediate isolation area (A1, B1) having a triangular cross-section which is formed below said diagonal and a second intermediate isolation area (A2, B2) having an inversed triangular cross-section which is formed above said diagonal, an isolation is placed in the second intermediate isolation area (A2) to the led of the disk (2) and an isolation is placed in the first intermediate isolation area (B1) to the right of the disk (2) during a disk winding which unwinds from left to right at the same time as the winding of the disk (2), and an isolation is placed m the second intermediate isolation area (A2) to the right of the disk (2) and an isolation is placed in the first intermediate isolation area (B1) to the left of the disk (2) during a disk winding which unwinds from right to left as the same time as the winding of the disk (2).

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7783/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ALIQUOTING APPARATUS FOR BIOLOGICAL MATERIAL CONTAINERS

(51) International classification	:G01N 35/04
(31) Priority Document No	:MI 2009 A000398
(32) Priority Date	:16/03/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/053228
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/105992
(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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VALLETTA, MALTA

(72)Name of Inventor :

1)PEDRAZZINI, GIANANDREA

(57) Abstract :

An automatic apparatus is described, which is suitable for the withdrawal of portions of biological material from a parent test tube (1), mobile in a conveyor (6) of a test tube transport plant by means of transport devices (8) of single test tubes, to be loaded in one or more child test tubes (2) countermarked beforehand with suitable identification means and to be sent to different biological material analysis instruments interfaced to said transport plant. Said apparatus comprises a work bench (5) which provides a first lane (9) for stocking and filling of transport devices (8) with empty child test tubes (2), a second lane (10) for stocking parent test tubes (1), said lanes (9, 10) being selectively joined in such a way to consent the sending of single parent test tubes (1) with a predefined number of child test tubes (2) subsequently assigned to be filled with biological material drawn from the parent test tube (1) in a work point (11), and a return third lane (12) of parent test tubes (1) and child test tubes (2) filled with portions of biological material drawn from parent test tubes (1), said lanes (9, 10, 12) joining to a conveyor (6) suitable for the transport of test tubes to and from subsequent processing modules, a recruitment device (19) of empty child test tubes (2), marking and loading devices (3) of empty child test tubes (2) into empty transport devices (8) stocked in said first lane (9), a device (4) suitable for the withdrawal and distribution of portions of biological material from the parent test tube (1) to the respective child test tubes (2) queued to the idle parent test tube (1) at the work point (11) of the work bench (5), a recruitment and loading device (22) of pipettes (23) suitable for the withdrawal of portions of biological materials and their distribution in child test tubes (2), and a control unit (100) suitable to coordinate and check the devices involved in the work cycle of the described device.

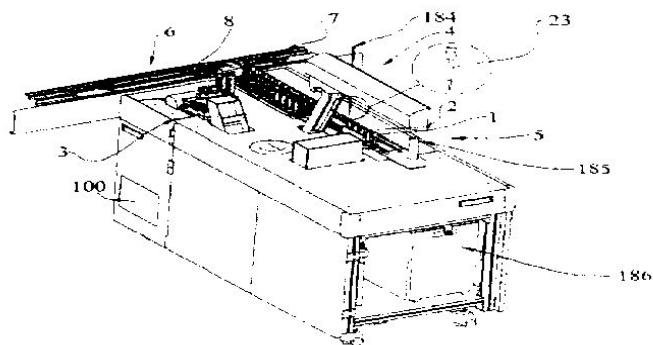


FIG. 1

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7784/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PREPARATION OF ADIPIC ACID

(51) International classification	:C12P 7/40	(71) Name of Applicant :
(31) Priority Document No	:09154840.4	1)DSM IP ASSETS B.V.
(32) Priority Date	:11/03/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE HEERLEN, THE NETHERLANDS
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/NL2010/050127	1)RAEMAKERS-FRANKEN, PETRONELLA CATHARINA
Filing Date	:11/03/2010	2)SCHURMANN, MARTIN
(87) International Publication No	:WO 2010/104391	3)TREFZER, AXEL CHRISTOPH
(61) Patent of Addition to Application Number	:NA	4)DE WILDEMAN, STEFAAN MARIE ANDRE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preparing adipic acid, comprising - converting alpha-ketoglutaric acid (AKG) into alpha-ketoadipic acid (AKA), - converting alpha-ketoadipic acid into alpha-ketopimelic acid (AKP), - converting alpha-ketopimelic acid into 5-formylpentanoic acid (5-FVA), and - converting 5-formylpentanoic acid into adipic acid, wherein at least one of these conversions is carried out using a heterologous biocatalyst. The invention further relates to a heterologous cell, comprising one or more heterologous nucleic acid sequences encoding one or more heterologous enzymes capable of catalysing at least one reaction step in said method

No. of Pages : 426 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7809/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VARIABLE LENGTH WIND TURBINE BLADE HAVING TRANSITION AREA ELEMENTS

(51) International classification	:F03D 1/06
(31) Priority Document No	:12/422,396
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030029
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/120595
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

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2)WALLACE JACK

(57) Abstract :

A wind turbine blade having a longitudinal axis is provided. The wind turbine blade includes a root portion and a tip portion. The root portion has a supported end and an unsupported end. The tip portion is configured to be slidably received within the unsupported end of the root portion. A transverse gap is defined between the root portion and the tip portion. A transition element is affixed to the unsupported end of the root portion such that the transition element at least partially bridges the transverse gap. The wind turbine blade may further include blade cleaning elements and/or sensing elements, particularly in the vicinity of the transition element.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7803/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SPLITTER MODULE

(51) International classification	:G02B 6/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/059171
Filing Date	:19/05/2009
(87) International Publication No	:WO 2010/134157
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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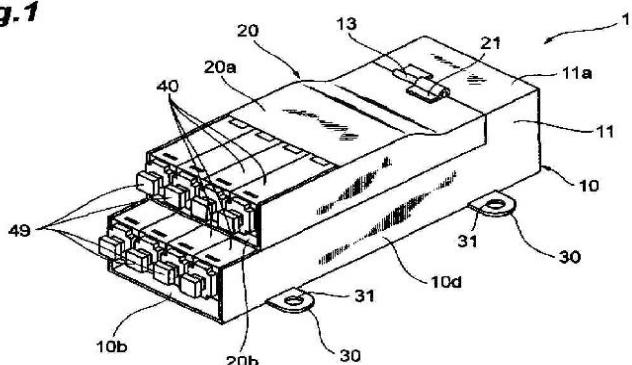
(72)Name of Inventor :

- 1)OHTSUKA, KENICHIRO
- 2)HAMADA, MASAHIRO
- 3)TOMINAGA, MAKOTO
- 4)UKITA, YOSHIO
- 5)MUROZONO, AKIRA
- 6)OTOKITA, SEIYA

(57) Abstract :

An object of the present invention is to provide a small and easy-to-handle splitter module. A splitter module 1 includes: an optical splitter S that splits an input optical signal to output split optical signals; a lower housing 10 that houses the optical splitter S, and a plurality of output sockets 40 that are connected to the optical splitter S via an optical fiber core C2, and that have insertion openings 41 formed at one end; an upper housing 20 that is provided on a top surface 10c of the lower housing 10, and that houses the plurality of output sockets 40; and fixing parts 30 attached to the lower housing 10. The output sockets 40 are rotatably attached to the fixing parts 30 so that the insertion openings 41 of the output sockets 40 are close to or spaced apart from the fixing parts 30.

Fig.1



No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7804/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS MEK INHIBITORS

(51) International classification	:A61P 35/00	(71) Name of Applicant :
(31) Priority Document No	:PCT/EP2009/054717	1)NOVARTIS AG
(32) Priority Date	:21/04/2009	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND
(33) Name of priority country	:PCT	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/054717	1)CHIKKANNA DINESH
Filing Date	:21/04/2009	2)MCCARTHY CLIVE
(87) International Publication No	:WO 2010/12146	3)MOEBITZ HENRIK
(61) Patent of Addition to Application Number	:NA	4)PANDIT CHETAN
Filing Date	:NA	5)SISTLA RAMESH
(62) Divisional to Application Number	:NA	6)SUBRAMANYA HOSAHALLI
Filing Date	:NA	

(57) Abstract :

The present invention relates to compounds of formula (I) and pharmaceutically acceptable salts. These compounds can act as potential MEK inhibitors in the treatment of hyperproliferative diseases, like cancer and inflammation. The present invention also reveals methods of preparation thereof.

No. of Pages : 203 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7814/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR DISPLAYING RESULT OF FAILURE ROOT CAUSE ANALYSIS

(51) International classification	:G06F 11/30	(71) Name of Applicant :
(31) Priority Document No	:2009-225859	1)HITACHI, LTD.
(32) Priority Date	:30/09/2009	Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/005560	1)MORIMURA TOMOHIRO
Filing Date	:22/10/2009	2)SUGAUCHI KIMINORI
(87) International Publication No	:WO 2011/039825	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A management system comprises at least a first analysis rule information and a second analysis rule information, acquires a first analysis result and a second analysis result based on a detected status of an information processing apparatus, and aggregates and displays a first analysis result and a second analysis result based on (A) a cause denoted by an analysis result, (B) a status condition of analysis rule information that forms the basis for the analysis result, or (C) a detected status.

No. of Pages : 118 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7815/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PREPARING A SITE-SPECIFIC PHYSIOLOGICALLY ACTIVE POLYPEPTIDE CONJUGATE

(51) International classification

:C07K 1/14

(31) Priority Document No

:10-2009-0023953

(32) Priority Date

:20/03/2009

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2010/001674

Filing Date

:18/03/2010

(87) International Publication No

:WO 2010/107256

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)SHIN, JAE HEE

3)LEE, JAE MIN

4)PARK, YOUNG KYUNG

5)KWON, SE CHANG

6)LEE, GWAN SUN

(57) Abstract :

The present invention provides a method for preparing a site-specific physiologically active polypeptide conjugate in a high yield by treating a physiologically active polypeptide with a non-peptidyl polymer in the presence of an alcohol at a specific pH, which can be desirably employed in the development of long acting formulations of various peptide drugs having high in-vivo activity and markedly prolonged in-blood half-life.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7817/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SECURITY DEVICE

(51) International classification	:B42D 15/00
(31) Priority Document No	:0906366.0
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000746
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/119247
(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 :DE LA RUE HOUSE, JAYA CLOSE,
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(72)Name of Inventor :

1)WHITEMAN, ROBERT

2)EASTELL, CHRISTOPHER JOHN

(57) Abstract :

A security device is disclosed having a region of piezochromic material and an integrated relief structure. The security device is arranged such that when a stress is generated In the piezochromic material and relief structure, an optical effect is generated in the piezochromic material.

No. of Pages : 40 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7819/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPRESSED SHEET.

(51) International classification	:B29C 70/42
(31) Priority Document No	:09158621.4
(32) Priority Date	:23/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055337
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/122099
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

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(72)Name of Inventor :

1)WIENKE, DIETRICH

2)JACOBS, MARTINUS JOHANNES NICOLAAS

3)MARISSEN, ROELOF

4)DRIEMAN, JOHANNES GABRIEL MARIE

5)VAN OOSTERBOSCH, EELCO

(57) Abstract :

The invention relates to a compressed sheet comprising at least one woven or non-woven fabric, said fabric comprising polymeric fibers, characterized in that the sheet has a bending modulus of at least 15 GPa when measured according to ASTM D790-07 in at least two directions and wherein one of said directions is the orientation direction of a first majority of the fibers contained by said fabric. The invention also relates to a method of manufacturing such compressed sheets and to articles comprising thereof.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7810/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS AND COMPOSITIONS FOR THE TREATMENT OF METABOLIC AND CARDIOVASCULAR DISORDERS

(51) International classification	:A01N 43/42	(71) Name of Applicant :
(31) Priority Document No	:61/159,429	1)XINTRIA PHARMACEUTICAL CORPORATION, INC.
(32) Priority Date	:11/03/2009	Address of Applicant :17761 STREET NW #9TH, WASHINGTON, DC 20006-3700 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/000750	1)LIPPA ARNOLD STAN
Filing Date	:11/03/2010	
(87) International Publication No	:WO 2010/104595	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and compositions containing a berberine related compound are provided for the prevention and treatment of metabolic and cardiovascular disorders including metabolic syndrome, hyperlipidemia, obesity, diabetes, insulin resistance, hyperglycemia, hypertension and elevated cholesterol in mammalian subjects. The methods and compositions of the invention are effective for prevention and treatment of metabolic syndrome, hyperlipidemia, obesity, diabetes, insulin resistance, hyperglycemia, hypertension and elevated cholesterol. Additional compositions and methods are provided which employ a berberine related or derivative compound including demethylated derivatives in combination with a second anti- therapeutic agent to yield more effective treatment tools against metabolic disorders, and/or dual activity therapeutic methods and formulations useful to prevent or reduce hyperlipidemia and/or hyperglycemia and one or more causal or related symptoms or conditions associated with hyperlipidemia and/or hyperglycemia in mammalian subjects.

No. of Pages : 210 No. of Claims : 127

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7813/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HEAT TRANSFER COMPOSITIONS

(51) International classification	:C08J 9/14
(31) Priority Document No	:0906547.5
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000774
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/119265
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MEXICHEM AMANCO HOLDING S.A. DE C.V.

Address of Applicant :RIO SAN JAVIER NO. 10,
FRACCIONAMIENTO, VIVEROS DEL RIO,
TLALNEPANTLA, ESTADO DE, MEXICO C.P. 54060
MEXICO

(72)**Name of Inventor :**

1)LOW ROBERT ELLIOTT

(57) Abstract :

The Invention provides a heat transfer composition comprising: (I) 1,3,3,3-tetrafluoroprop-1-ene (R1234ze, CF₃CH=CHF) (ii) a second component comprising R-1243zf, (3,3,3 trifluoropropene) or a difluoropropene (R-1252) selected from R-1252zf, R-1252yf, R-1252ye R- 1252ze and R-1252zc, and mixtures thereof; and (ill) a third component selected from R32 (difluoromethane), R744 (C02), R41 (fluoromethane), R1270 (propene), R290 (propane), R161 (fluoroethane) and mixtures thereof.

No. of Pages : 35 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7825/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PRINTED MATTER PROVIDING OPTICALLY READABLE INFORMATION

(51) International classification	:D06P 5/20
(31) Priority Document No	:2009-061303
(32) Priority Date	:13/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/US2010/27185
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/105190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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

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

(72)Name of Inventor :

1)KANDA, YUKIO

(57) Abstract :

[Problem] To provide a printed matter that provides optically readable information, has excellent durability against wind, rain, and light, and that can be produced more simply and at low cost. In addition, to provide a printed matter set that contains a plurality of the aforementioned printed matters, and a method for producing this printed matter set. [Solution] A printed matter characterized by a non-woven fabric base material having a basis weight of 20.0-120.0 g/m² and a thickness of 0.020-0.400 mm, and optically readable information formed by printing an ultraviolet-curable ink on this base material using an Inkjet printing method.



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7829/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POLYMER COMPOSITIONS, ARTICLES MADE FROM SUCH COMPOSITIONS, AND METHODS FOR MOLDING SUCH COMPOSITIONS

(51) International classification	:C08L 23/10
(31) Priority Document No	:61/182,671
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001529
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MILLIKEN & COMPANY

Address of Applicant :920 MILLIKEN ROAD, M-495 SPARTANBURG, SOUTH CAROLINA 29303, U.S.A.

(72)**Name of Inventor :**

1)JOHN D. PRICE

2)NATHAN A. MEHL

(57) Abstract :

A polymer composition comprises a thermoplastic polymer, a polymer additive selected from the group consisting of nucleating agents, clarifying agents, and combinations thereof, and a fluoropolymer. A molded article comprises at least one wall defining a cavity, the wall having an opening therein permitting access to the cavity. The wall comprises a polymer composition comprising a thermoplastic polymer, a polymer additive selected from the group consisting of nucleating agents, clarifying agents, and combinations thereof, and a fluoropolymer. A method for molding a polymer composition is also provided.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7830/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : KEY INFORMATION MANAGEMENT METHOD, CONTENT TRANSMISSION METHOD, KEY INFORMATION MANAGEMENT APPARATUS, LICENSE MANAGEMENT APPARATUS, CONTENT TRANSMISSION SYSTEM, AND TERMINAL APPARATUS

(51) International classification	:H04L 9/14
(31) Priority Document No	:2009-081793
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/054125 :11/03/2010
(87) International Publication No	:WO 2010/116845
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, TOKYO 100-6150, JAPAN

(72)Name of Inventor :

1)MOTOYUKI UCHIDA

2)KOJI ISHII

3)TOSHIO KANEDA

(57) Abstract :

The present invention aims to reliably prevent illegal use of content when the content is encrypted and transmitted with a cipher key. A content transmission method of the present invention includes: a basic key creating step of creating a basic key K1; a cipher key creating step of creating a cipher key Kn and also creating mutual cipher keys K2 through Kn-1; a first key encrypting step of encrypting the mutual cipher key K2 with the basic key K1; a second key encrypting step of encrypting the mutual cipher keys K3 through Kn-1 and the cipher key Kn by successively using the keys K2 through Kn-1; a content encrypting step of encrypting content C with the cipher key Kn; a first transmitting step of transmitting content Kn (C) and one part among key data K1 (K2), ..., Kn-1 (Kn) to a terminal apparatus 2 through a broadcast wave; and a second transmitting step of transmitting another part among the key data K1 (K2), ..., Kn-1 (Kn) to the terminal apparatus 2 through a communication network.

No. of Pages : 49 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7820/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CARBOHYDRATE DEGRADING POLYPEPTIDE AND USES THEREOF

(51) International classification	:C12N 9/42
(31) Priority Document No	:09158739.4
(32) Priority Date	:24/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055427
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122141
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DSM IP ASSETS B.V.

Address of Applicant :HET OVERLOON 1, NL - 6411 TE HEERLEN, THE NETHERLANDS

(72)**Name of Inventor :**

1)SAGT, CORNELIS MARIA JACOBUS

2)SCHOONEVELD-BERGMANS, MARGOT ELISABETH FRANCOISE

3)ROUBOS, JOHANNES ANDRIES

4)LOS, ALRIK PIETER

(57) Abstract :

The invention relates to a polypeptide having carbohydrate material degrading activity which comprises the amino acid sequence set out in SEQ ID NO: 2 or an amino acid sequence encoded by the nucleotide sequence of SEQ ID NO: 1 or SEQ ID NO: 4, or a variant polypeptide or variant polynucleotide thereof, wherein the variant polypeptide has at least 96% sequence identity with the sequence set out in SEQ ID NO: 2 or the variant polynucleotide encodes a polypeptide that has at least 96% sequence identity with the sequence set out in SEQ ID NO: 2. The invention features the full length coding sequence of the novel gene as well as the amino acid sequence of the full-length functional protein and functional equivalents of the gene or the amino acid sequence. The invention also relates to methods for using the polypeptide in industrial processes. Also included in the invention are cells transformed with a polynucleotide according to the invention suitable for producing these proteins.

No. of Pages : 87 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.7822/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : USE OF SNMP FOR MANAGEMENT OF SMALL FOOTPRINT DEVICES

(51) International classification	:H04L 12/28
(31) Priority Document No	:61/160,177
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026477
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/104771
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASSA ABLOY AB

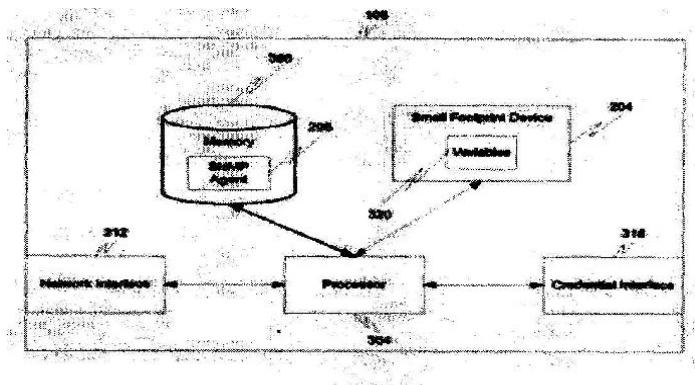
Address of Applicant :P.O. BOX 70340,
KLARABERGSVIADUKTEN 90, S-107 23 STOCKHOLM (SE)
Sweden

(72)Name of Inventor :

1)GUTHERY, SCOTT, B.

(57) Abstract :

Methods, devices, and systems are provided for managing and controlling small footprint devices with a lightweight control protocol, such as SNMP. Relatively small control messages are employed that have a compact command portion included in an object identifier portion, thereby circumventing the need for a separate command portion as well as a data body. Also, methods, devices, and systems for improving the security and privacy of processing SNMP messages on SNMP-managed devices by moving this processing together with the sensitive data that the process employ such a cryptographic keys inside the tamper-resistant and tamper-evident boundary of an integrated circuit card.



No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7833/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITIONS AND METHODS RELATED TO PROTEIN A (SPA) VARIANTS

(51) International classification	:A61K 39/085
(31) Priority Document No	:61/166,432
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029959
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/005341
(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)OLAF SCHNEEWIND

2)ALICE CHENG

3)DOMINIQUE MISSIAKAS

4)HWAN KIM

(57) Abstract :

The present invention concerns methods and compositions for treating or preventing a bacterial infection, particularly infection by a Staphylococcus bacterium. The invention provides methods and compositions for stimulating an immune response against the bacteria. In certain embodiments, the methods and compositions involve a non-toxigenic Protein A (SpA) variant.

No. of Pages : 282 No. of Claims : 117

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7834/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ISOLATION OF HUMAN UMBILICAL CORD BLOOD-DERIVED MESENCHYMAL STEM CELLS

(51) International classification	:C12N 5/0789
(31) Priority Document No	:61/165,193
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/047981
Filing Date	:19/06/2009
(87) International Publication No	:WO 2010/114572
(61) 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 REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

Address of Applicant :201 W. 7TH ST., AUSTIN, TX 78701, U.S.A.

(72)**Name of Inventor :**

1)XIAO-DONG CHEN

2)ZHONGDING LU

(57) Abstract :

Human umbilical cord blood (UCB) contains mesenchymal stem cells (MSCs) that have higher multipotentiality than adult marrow-derived MSCs. However, it has been difficult to obtain these cells because the frequency of MSCs in UCB is extremely rare (0.4 -30 out of 1 X 10 mononuclear cells). To date, the isolation of MSCs has depended upon their plastic-adhesion capacity. Some true MSCs could be missed because their ability to adhere to plastic may be poor. Previous studies demonstrated extracellular matrix (ECM) made by bone marrow cells enhanced MSC attachment and proliferation, and retained their stem cell properties. The present invention provides methods for isolating MSCs from umbilical cord blood by adherence to an ECM and uses for the isolated stem cells.

No. of Pages : 30 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7835/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PESTICIDE COMPOSITIONS EXHIBITING ENHANCED ACTIVITY AND METHODS FOR PREPARING SAME

(51) International classification	:A01N 25/12	(71) Name of Applicant : 1)DOW AGROSCIENCES, LLC Address of Applicant :9330 ZIONSVILLE ROAD, BUILDING #308, INDIANAPOLIS, INDIANA 46268-1054, U.S.A.
(31) Priority Document No	:61/214,989	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/001238 :27/04/2010	1)STEPHEN LEWIS WILSON 2)LEI LIU 3)JAMES D. THOMAS 4)RAYMOND E. BOUCHER, JR. 5)JAMES EDWIN DRIPPS 6)MARGARET SUE KEMPE 7)MARTIN C. LOGAN 8)DOUGLAS J. LINSCOTT 9)JOHN M. ATKINSON
(87) International Publication No	:WO 2010/126583	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Pest controlling compositions exhibiting enhanced pesticidal activity levels and methods for preparing the same are disclosed. In one embodiment, a method includes providing a liquid composition that includes at least one pesticide and at least one co- ingredient that enhances pesticidal activity of the composition compared to a composition dissimilar only in not having the at least one co-ingredient. The at least one co-ingredient may include at least one metal oxide, a combination of at least one transition metal salt and at least one proteinaceous material or a combination of at least one proteinaceous material and at least one polymeric material. The method further includes spray drying the liquid composition to provide a solid composition. In one aspect of this embodiment, the solid composition provided by the spray drying exhibits enhanced pesticidal activity compared to the liquid composition.

No. of Pages : 71 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7831/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE FOR PROTECTING THE HOUSING OF A WELDING COMPONENT

(51) International classification

:B23K 37/02

(31) Priority Document No

:A 776/2009

(32) Priority Date

:18/05/2009

(33) Name of priority country

:Austria

(86) International Application No

:PCT/AT2010/000134

Filing Date

:28/04/2010

(87) International Publication No

:WO 2010/132905

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

1)FRONIUS INTERNATIONAL GMBH

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(72)Name of Inventor :

1)GUNTHER FLATTINGER

2)JULIA HUEMER

3)PETER OBERROITHER

4)FRIEDRICH OBERZAUCHER

5)MANFRED STADLER

(57) Abstract :

The invention relates to a device for protecting the housing (26) of a welding component while changing the position thereof, wherein a drag protection (27) in the form of a plate (28) is provided for fastening and for protecting the housing (26), which plate (28) is provided on an outer side (29) with elevations (30) for reducing a bearing surface and a friction resistance.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7842/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POROUS AND DURABLE CERAMIC FILTER MONOLITH COATED WITH A RARE EARTH FOR REMOVING CONTAMINANTS FROM WATER

(51) International classification	:B01D 39/20
(31) Priority Document No	:61/160,620
(32) Priority Date	:16/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027497
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/107804
(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)WHITEHEAD, CHARLES, F.

2)ORIARD, TIMOTHY, L.

(57) Abstract :

The invention is directed generally to a porous and durable ceramic filter monolith coated with one or more rare earth-containing compositions for removing contaminants from a fluid, particularly for removing one or more contaminants from water.

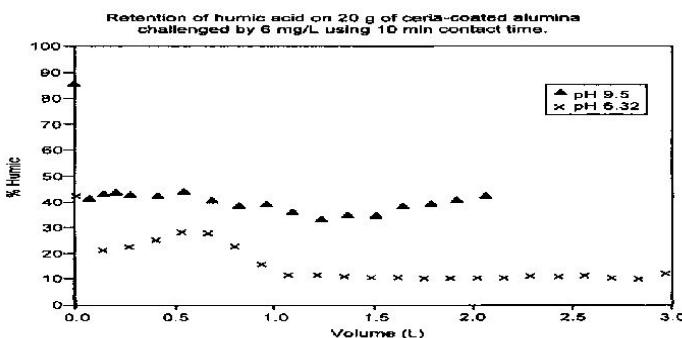


Fig. 5

No. of Pages : 50 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7844/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND APPARATUS FOR ELECTRONIC TICKET PROCESSING

(51) International classification	:H004L 29/06
(31) Priority Document No	:12/425,490
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/054297
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/118957
(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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Sweden

(72)Name of Inventor :

1)ROOS, JOHAN
2)BJORKENGREN, ULF
3)CATREIN, DANIEL

(57) Abstract :

This document discloses an advantageous approach to using a digital rights management (DRM) system that is already available to an electronic device, for security and rights management in electronic ticketing transactions. Exploiting the digital rights management system, which may be a pre-existing standardized DRM solution, decreases the processing and memory resources needed in an electronic device for implementation of an electronic ticketing application, while advantageously gaining the proven security of established DRM systems.

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7845/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR SEPARATING CONDENSABLE VAPORS FROM GASES

(51) International classification	:B01D 53/26
(31) Priority Document No	:61/210,298
(32) Priority Date	:16/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027518
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/107820
(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 :3760 HBLL, PROVO, UT 84602-6844,
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(72)Name of Inventor :

1)BAXTER, LARRY, L.

(57) Abstract :

Condensable vapors such as carbon dioxide are separated from light gases in a process stream. The systems and methods employ a particle bed cooled by an in-bed heat exchanger to desublimate the condensable vapors from the process stream. The condensable vapors are condensed on the bed particles while the light gases from the process stream, which are not condensed, form a separated light-gas stream. The separated light-gas stream can be used in a recuperative heat exchanger to cool the process stream.

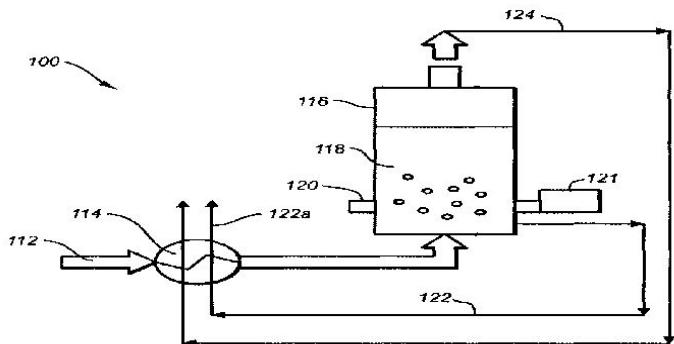


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7849/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR PURIFICATION OF 1-METHYLPYRAZOLE-4-CARBOXYLIC ACID ESTERS

(51) International classification	:C07D 231/14
(31) Priority Document No	:0908435.1
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/055174
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/130532
(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)MCDOUGALD GRAHAM
2)MUXWORTHY JAMES PETER
3)WILDE BEVERLEY ANN**

(57) Abstract :

The present invention relates to improvements in processes towards the production 3- difluoromethyl-1 -methyl- 1 H-pyrazole-4-carboxylic acid, which is a useful intermediate in fungicide production. In particular, the invention relates to a process for treating a compound of formula III, wherein R1 is C1-C6 alkyl and R2 is CF3, CF2H or CFH2, comprising the steps of a) contacting a compound of formula III with base, and b) separating the compound of formula III and the base.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7852/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : WELDING HEAD FOR RAIL WELDING

(51) International classification	:B23K 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000165
Filing Date	:16/04/2009
(87) International Publication No	:WO 2010/119461
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VAIA, DAVIDE

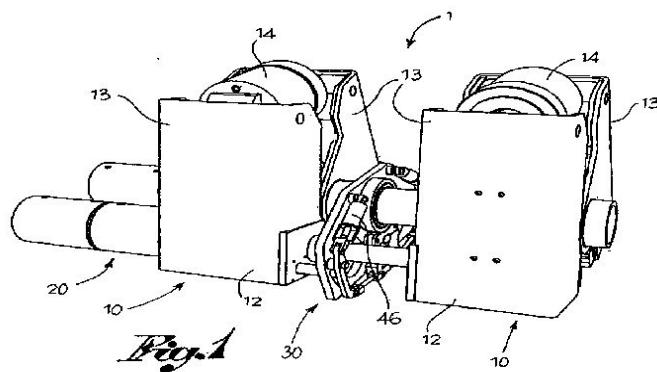
Address of Applicant :VIA DANTE, 25, I-25012
CALVISANO, BRESCIA ITALY

(72)Name of Inventor :

1)VAIA, DAVIDE

(57) Abstract :

(EN)This invention concerns a welding head for welding the extremities of two sections of rail and comprises two half-heads (10) aligned and sliding with regard to one another in a longitudinal direction. Each half -head comprises grip means (12, 13) to grasp a respective section of rail and two electrodes (16) suitable for contact with respective sections of rail in order to carry out a flash butt weld. The head also comprises traction actuator means (20) which extend in a longitudinal direction and are connected to the two half-heads (10) to shift the two half-heads in a longitudinal direction one towards the other, said traction actuator means (20) having a stroke suitable for allowing, during a cycle of welding two sections of rail, simultaneous regulation of rail tensions. (FR)Cette invention concerne une tete de soudage pour souder les extremites de deux sections de rail, qui comporte deux demi-tetes (10) alignees et coulissantes l'une par rapport a l'autre dans une direction longitudinale. Chaque demi-tete comporte des moyens de prise (12, 13) pour saisir une section de rail respective et deux electrodes (16) appropriees pour un contact avec les sections de rail respectives afin d'effectuer un soudage en bout par etincelage. La tete comporte egalement un moyen d'actionnement de traction (20) qui s'estend dans une direction longitudinale et qui est relie aux deux demi-tetes (10) pour decaler celles-ci dans une direction longitudinale l'une vers l'autre, ledit moyen d'actionnement de traction (20) ayant une course appropriee pour permettre, durant un cycle de soudage de deux sections de rail, une regulation simultanee des tensions des rails.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7837/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HUMAN UMBILICAL CORD TISSUE CELLS AS THERAPY FOR ALZHEIMER'S DISEASE

(51) International classification	:C12N 5/037
(31) Priority Document No	:61/163,619
(32) Priority Date	:26/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028930
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/111663
(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)ANTHONY J. KIHM

2)ANNA GOSIEWSKA

(57) Abstract :

Methods for treating Alzheimer's disease, or the symptoms of Alzheimer's disease, are provided. Some embodiments are to methods for treatment comprising administering cells obtained from human umbilical cord tissue, or administering pharmaceutical compositions comprising such cells or prepared from such cells, such as cell derivatives. Some embodiments are to methods for treatment comprising hUTC. Pharmaceutical compositions for use in the inventive methods, as well as kits for practicing the methods are also provided.

No. of Pages : 112 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7838/DELNP/2011 A

(43) Publication Date : 28/12/2012

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

(51) International classification	:H04W 74/08
(31) Priority Document No	:12/418,629
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026606
Filing Date	:09/03/2010
(87) International Publication No	:WO 2010/117533
(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)KASHER, ASSAF

(57) Abstract :

A wireless communication device, a wireless communication system and a method of avoiding collisions by transmitting a packet length field before transmitting a header of the packet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7839/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PERFORMING CONCURRENT REHASHING OF A HASH TABLE FOR MULTITHREADED APPLICATIONS

(51) International classification	:G06F 9/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/RU2009/000169
Filing Date	:08/04/2009
(87) International Publication No	:WO 2010/117294
(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)MALAKHOV, ANTON ALEXANDROVICH

(57) Abstract :

In one embodiment, the present invention includes a method for allocating a second number of buckets for a hash table shared concurrently by a plurality of threads, where the second number of buckets are logically mapped onto a corresponding parent one of the first number of buckets, and publishing an updated capacity of the hash table to complete the allocation, without performing any rehashing, such that the rehashing can later be performed in an on-demand, per bucket basis. Other embodiments are described and claimed.

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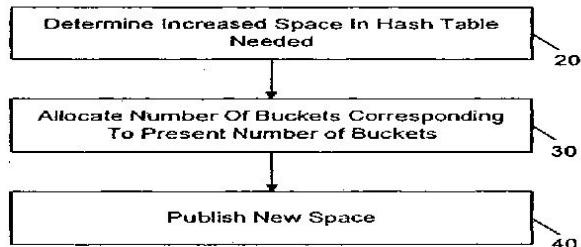


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7860/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MEASUREMENT OF A QUALITY OF GRANULAR PRODUCT IN CONTINUOUS FLOW

(51) International classification	:G01N 21/85
(31) Priority Document No	:0907526.8
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002897
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/125324
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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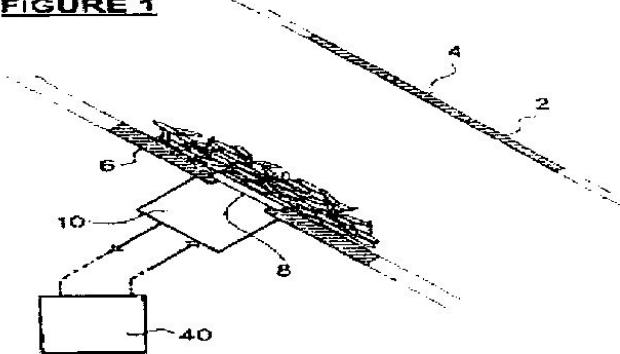
(72)Name of Inventor :

1)HAMID, GABRIEL

(57) Abstract :

In apparatus for measuring the quality of a granular product in continuous flow, the product is allowed to move along a channel having a window set in the channel boundary contacted by the moving product. An optical system monitors product in the channel. A light source illuminates product in the channel through the window, and a sensor receives light reflected from the product through the window in at least two wavelength ranges. A processor receives signals from the sensor representative of the quantity of reflected light received in the respective wavelengths, and compares the respective signals to generate a measurement of the product quality. The window will normally be disposed in the underside of the channel, with the channel set at an angle of at least 45° to the horizontal to allow product to move there along under gravity, and against the window. FIGURE 1

FIGURE 1



No. of Pages : 18 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7861/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A FLUID INJECTOR HAVING A NOVEL INLET VALVE ARRANGEMENT

(51) International classification	:F04B 17/04
(31) Priority Document No	:0905578.1
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000641
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/112856
(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)BARRACLOUGH, STEVEN

3)RAVENHILL, PAUL, BARTHOLOMEW

4)HOOLAHAN, RICHARD, MATTHEW

(57) Abstract :

The present invention provides a fluid injector (10) which functions as a positive displacement pump and comprises: a housing (12) in which a piston chamber is formed; a piston (11) which reciprocates in the piston chamber to define therewith a variable volume fluid pumping chamber; a one-way inlet valve (32) which allows flow of fluid into the pumping chamber from a fluid inlet; and a one-way outlet valve (25, 26, 27, 28, 29) which allows flow of fluid out of the pumping chamber to a fluid outlet (31). In operation of the injector the piston (11) cyclically moves to increase volume of the pumping chamber and draw fluid into the pumping chamber via the one-way inlet valve (32) and then the piston moves to decrease volume of the pumping chamber and expel fluid from the pumping chamber via the one-way outlet valve (25, 26, 27, 28, 29).

No. of Pages : 42 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7854/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DIAGNOSIS AND TREATMENT OF CELL PROLIFERATION AND DIFFERENTIATION DISORDERS BASED ON THE FMN2 GENE

(51) International classification	:C12Q 1/68
(31) Priority Document No	:0904382.9
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000448
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/103284
(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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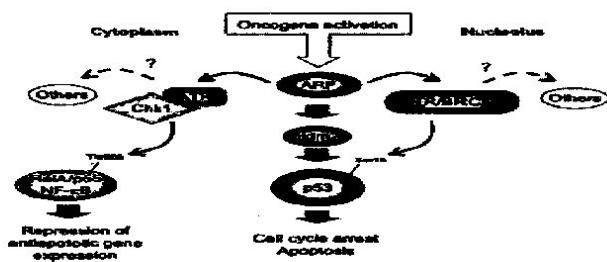
(72)Name of Inventor :

- 1)ROCHA, SONIA
- 2)LAMOND, ANGUS LAIN
- 3)ONO, MOTOHARU
- 4)YAMADA, KAYO

(57) Abstract :

The present invention provides methods for diagnosing cell proliferation and/or differentiation disorders, compounds and methods for treating the same and methods for identifying agents potentially useful in the treatment of cell proliferation and/or differentiation disorders. Fig. 1

Fig. 1



No. of Pages : 86 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7857/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PRODUCING TETRAHYDROPYRAN COMPOUND AND INTERMEDIATE THEREOF

(51) International classification	:C07D 493/04
(31) Priority Document No	:2009-097773
(32) Priority Date	:14/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056670
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119890
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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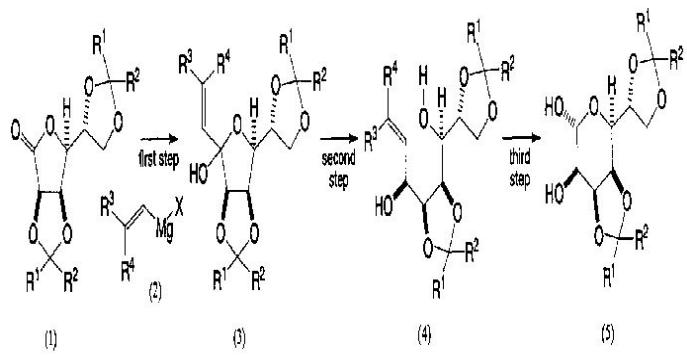
1)HIROTAKA KAWANAMI

2)KANA UEDA

3)SHOTA MURASE

(57) Abstract :

Disclosed is a method for producing a tetrahydropyran compound represented by general formula (5) shown in the scheme. Accordingly, a tetrahydropyran derivative is obtained in high yield and with high selectivity without using a highly toxic reagent, and an industrially useful method for producing a tetrahydropyran derivative and an intermediate thereof can be provided. In formulae (1) to (5), R1 and R2 each independently represent a hydrogen atom, a linear, branched, or cyclic alkyl group, or an aromatic group which may have a substituent, and R1 and R2 may be combined to form an alkylene group, thereby forming a ring; and R3 and R4 each independently represent a hydrogen atom or a linear, branched, or cyclic alkyl group, and R3 and R4 may be combined to form an alkylene group, thereby forming a ring.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7870/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POLYMER HAVING UNSATURATED CYCLOALIPHATIC FUNCTIONALITY AND COATING COMPOSITIONS FORMED THEREFROM

(51) International classification	:B32B 27/36
(31) Priority Document No	:61/168,138
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/030584
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118356
(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)GREGORY PAULSON

4)BENOIT PROUVOST

5)PAUL STENSON

6)RICHARD H. EVANS

(57) Abstract :

A polymer is provided that preferably includes at least one unsaturated cycloaliphatic group. In one embodiment, the polymer is combined with an optional crosslinker and an optional carrier to form a coating composition suitable for use in coating articles such as packaging articles. In one embodiment, the polymer has at least one unsaturated cycloaliphatic group that is at least bicyclic.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7872/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STEEL FOR MACHINE STRUCTURE USE ATTAINING EXCELLENT CUTTING-TOOL LIFE AND METHOD FOR CUTTING SAME

(51) International classification	:C22C 38/00
(31) Priority Document No	:2009-124471
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/058574
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/134583
(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)TOSHIHARU AISO

2)HAJIME SAITO

3)ATSUSHI MIZUNO

(57) Abstract :

Steel for machine structure use excellent in tool lifetime in a broad range of cutting speeds regardless of continuous machining, intermittent machining, or other systems and further in various machining environments such as use of a cutting fluid or a dry, semidry, and oxygen enriched environment, having a chemical composition containing, by mass%, C: 0.01 to 1.2%, Si: 0.005 to 3.0%, Mn: 0.05 to 3.0%, P: 0.0001 to 0.2%, S: 0.0001 to 0.35%, N: 0.0005 to 0.035%, and Al: 0.05 to 1.0%, satisfying [Al%]-
(27/14)x[N%]>0.05%, and having a balance of Fe and unavoidable impurities and forming an Al₂O₃ coating on the surface of a cutting tool by machining using a cutting tool coated on the surface contacting the machined material by metal oxides with a value of a standard free energy of formation at 1300°C of that value of Al₂O₃ or more, and a machining method of the same.

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7874/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR CHARGING HIGH-TEMPERATURE COAL

(51) International classification	:C10B 31/04
(31) Priority Document No	:2009-098220
(32) Priority Date	:14/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002721
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119682
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)YUUKI KIYOTA

(57) Abstract :

In a method for charging high-temperature coal, high-temperature coal is charged into a chamber which has a plurality of coal charging ports aligned in an upper part thereof and a first gas suction portion at an end parts of the upper part. In the charging of the high-temperature coal, a starting sequence of charging of the high-temperature coal into each of the coal charging ports is determined so as to head for the first gas suction portion from the coal charging port most distant from the first gas suction portion; and the high-temperature coal is charged in accordance with the starting sequence of charging at predetermined time intervals.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7862/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HARD DRIVE DESTRUCTION SYSTEM

(51) International classification	:B02C 19/20
(31) Priority Document No	:61/180,841
(32) Priority Date	:23/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035881
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/138427
(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)WOZNY, SCOTT ANTHONY

(57) Abstract :

A system for destroying a memory device (e.g., a hard drive) having data stored thereon. The system has a grind chamber with a rotatable grind wheel positioned therein. A pressure arm presses the memory device against the grind wheel as the grind wheel rotates. The rotating grind wheel grinds the memory device into particles from which the data stored on the memory device cannot be recovered. The particles are collected in a receptacle adjacent the grind wheel. The system may include a plurality of guides configured to maintain the memory device in a substantially stationary position relative to the pressure arm as the grind wheel grinds the memory device into particles.

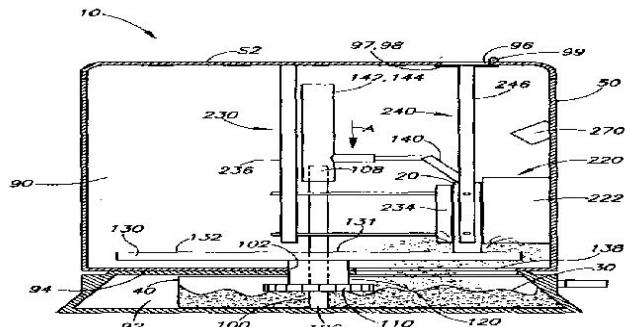


FIG. 9

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7863/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BICYCLIC PYRIMIDINE PI3K INHIBITOR COMPOUNDS SELECTIVE FOR P110DELTA, AND METHODS OF USE

(51) International classification :C07D 487/04
(31) Priority Document No :61/181,452
(32) Priority Date :27/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036199
Filing Date :26/05/2010
(87) International Publication No :WO 2010/138589
(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)KONDRU, RAMA K.

5)LUCAS, MATTHEW C.

6)PALMER, WYLIE SOLANG

7)PRICE, STEPHEN

8)SAFINA, BRIAN

9)SAVY, PASCAL PIERRE ALEXANDRE

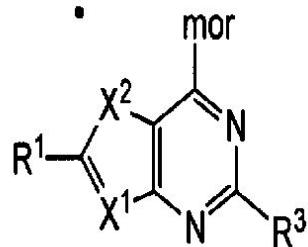
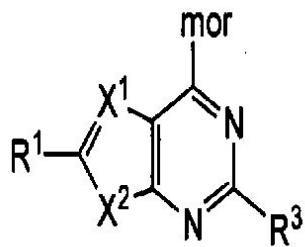
10)SEWARD, EILEEN MARY

11)SUTHERLIN, DANIEL P.

12)SWEENEY, ZACHARY KEVIN

(57) Abstract :

Formula I (Ia and Ib) compounds wherein (i) X1 is N and X2 is S, (ii) X1 is CR7 and X2 is S, (iii) X1 is N and X2 is NR2, or (iv) X1 is CR7 and X2 is O, including stereoisomers, tautomers, metabolites and pharmaceutically acceptable salts thereof, are useful for inhibiting the delta isoform of PI3K, and for treating disorders mediated by lipid kinases such as inflammation, immunological, and cancer. Methods of using compounds of Formula I for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions, are disclosed.



No. of Pages : 652 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7864/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PAIN MANAGEMENT WITH STIMULATION SUBTHRESHOLD TO PARESTHESIA

(51) International classification	:A61N 1/36
(31) Priority Document No	:61/163,007
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028450
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/111358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPINAL MODULATION, INC.

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(72)Name of Inventor :

1)KISHAWI, EYAD

2)KRAMER, JEFFERY, M.

(57) Abstract :

Devices, systems and methods are provided for treating pain while minimizing or eliminating possible complications and undesired side effects, particularly the sensation of paresthesia, this is achieved by stimulating in proximity to a dorsal root ganglion with stimulation energy in a manner that will affect pain sensations without generating substantial sensations of paresthesia, in some embodiments, such neurostimulation takes advantage of anatomical features and functions particular to the dorsal root ganglion. Fig.: 4

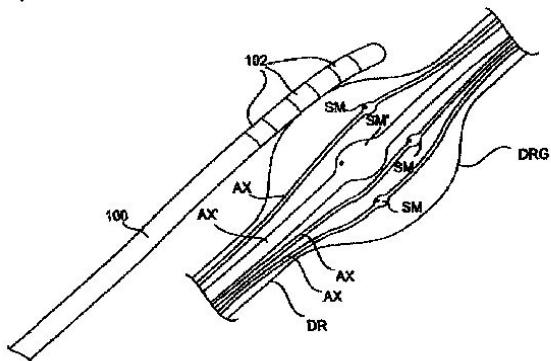


FIG. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7865/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COOK STOVE ASSEMBLY

(51) International classification	:A47J 37/07
(31) Priority Document No	:61/168,538
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030514
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118304
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COLORADO STATE UNIVERSITY RESEARCH FOUNDATION

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2)UT-BATTELLE, LLC

(72)Name of Inventor :

1)MORGAN W. DEFOORT

2)BRYAN D. WILLSON

3)NATHAN LORENZ

4)MICHAEL P. BRADY

5)ANTHONY MARCHESE

6)DANIEL D. MILLER-LIONBERG

(57) Abstract :

A combustion chamber, having an upper part and a lower part, may include an annular constriction, in combination with the combustion chamber, to aid in directing partially combusted gases such as carbon monoxide away from the periphery of the combustion chamber back toward its center, and into the flame front. The annular constriction may also impede the flow of partially combusted gases located at the periphery, thus increasing the time these gases spend within the combustion chamber and increasing the likelihood that any products of incomplete combustion will undergo combustion. The combustion chamber may further comprise a dual burner cooktop for directing combustion gases and exhaust to multiple cooking vessels. In further embodiments, the combustion chamber may be made of, lined, or clad with a metal alloy comprising iron, chromium, and aluminum.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7866/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CLEANING SYSTEM

(51) International classification	:B08B 6/00
(31) Priority Document No	:2009-069972
(32) Priority Date	:23/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000916
Filing Date	:15/02/2010
(87) International Publication No	:WO 2010/109755
(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)MASASHI OHTA

2)TAKAYUKI NAGASE

3)TOSHIO ARAI

4)HIDEKI MATSUMOTO

(57) Abstract :

Foreign materials can be continuously attracted, without requiring maintenance, by a cleaning roller for a relatively long period of time. A cleaning roller 11 is brought into contact with a surface S1 of a to-be-cleaned material S and, foreign materials such as dusts, which are adhered on the surface S1 of the to-be-cleaned material S, are removed using an electrostatic force. The transfer roller 51 is provided on the cleaning roller 11 surface on the opposite side of the surface having thereon the to-be-cleaned material S, and the foreign materials adhered on the cleaning roller 11 are transferred onto the transfer roller 51. An electrostatic charge control roller 21 which rotates while being in contact with the outer circumferential face of the cleaning roller 11 is provided, and the electrostatic charge quantity of the outer layer section 11c of the cleaning roller 11 can be controlled. As a material for forming the outer layer section of the transfer roller 51, such a material is selected that can be charged with electrostatic charges for attracting the foreign materials adhered on the outer circumferential face of the cleaning roller 11 toward the outer circumferential face by means of an electrostatic force

No. of Pages : 145 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7875/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CURING AGENT COMPOSITION

(51) International classification

:B22C 1/10

(31) Priority Document No

:2009-096217

(32) Priority Date

:10/04/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP10/056326

Filing Date

:07/04/2010

(87) International Publication No

:WO 2010/117022

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KAO CORPORATION

Address of Applicant :14-10, NIHONBASHI-KAYABACHO
1-CHOME, CHUO-KU, TOKYO 103-8210, JAPAN

(72)Name of Inventor :

1)MASAHIKO KAGITANI

2)HITOSHI FUNADA

(57) Abstract :

A curing agent composition for a water-soluble phenol resin used to produce a mold, which comprises a branched ester compound that is derived from a carboxylic acid having a branched chain, and an alcohol, and has 5 to 13 carbon atoms.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7877/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE AND METHOD FOR MEASURING SURFACE TEMPERATURE OF CAST PIECE

(51) International classification	:G01K 7/36
(31) Priority Document No	:2009-099994
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000081
Filing Date	:08/01/2010
(87) International Publication No	:WO 2010/119594
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NIPPON STEEL CORPORATION

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

(72)**Name of Inventor :**

1)HIROSHI HARADA

2)MASANORI YAMANA

3)ATSUSHI SAIDA

4)MASAKI NAGASHIMA

5)TOMOHIRO KONNO

(57) Abstract :

A cast piece surface temperature measuring device includes: a magnetic field exciting device which applies an AC magnetic field substantially perpendicular to a surface of a cast piece; a magnetic field detecting device which detects the AC magnetic field to detect a magnetic flux varied in response to a surface temperature of the cast piece; and a surface temperature deriving device which derives the surface temperature of the cast piece based on an induced electromotive force obtained by detecting the AC magnetic field by the magnetic field detecting device and a predetermined relation data. The magnetic field exciting device includes a solenoidal excitation coil, the magnetic field detecting device includes a solenoidal detection coil interposed between the surface of the cast piece and the excitation coil, and the relation data indicates a correspondence relationship between the surface temperature of the cast piece and the induced electromotive force in a temperature range including a predetermined Curie point.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7878/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THERAPY MANAGEMENT DEVELOPMENT PLATFORM

(51) International classification	:G06L 19/00	(71) Name of Applicant :
(31) Priority Document No	:61/169,135	1)BAXTER INTERNATIONAL INC.
(32) Priority Date	:14/04/2009	Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD, IL 60015, U.S.A.
(33) Name of priority country	:U.S.A.	2)BAXTER HEALTHCARE S.A.
(86) International Application No	:PCT/US	(72) Name of Inventor :
Filing Date	2010/030405 :08/04/2010	1)ROSS G. KROGH 2)JAMES P. MARTUCCI
(87) International Publication No	:WO 2010/120625	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of providing therapy management development includes providing a therapy management development platform having a plurality of levels of functionality, the platform including a medical device capable of providing therapy management, setting the platform to a first level of access to the functionality relative to the medical device, and modifying the operation of the medical device using the platform. The method also includes receiving an indication of approval to change the level of access to the functionality of the platform to a second level of access, and setting the platform to the second level of access to the functionality of the platform in response to receipt of the indication of approval. The platform is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7879/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROSTAGLANDIN E RECEPTOR ANTAGONISTS

(51) International classification	:C07D 493/08
(31) Priority Document No	:61/166,107
(32) Priority Date	:02/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/029626
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/114997
(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 :2525 DUPONT DRIVE, T2-7H,
IRVINE, CALIFORNIA 92612, U.S.A.

(72)Name of Inventor :

1)DAVID F.WOODWARD

2)JENNY W. WANG

(57) Abstract :

The present invention provides prostaglandin receptor antagonist compounds represented by the general formula I, wherein A, R, R and R are as defined in the specification.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7884/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITIONS AND METHODS OF USE FOR BINDING MOLECULES TO DICKKOPF-1 OR DICKKOPF-4 OR BOTH

(51) International classification	:C07K 16/18
(31) Priority Document No	:61/176,317
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT//US2010/033845
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/129752
(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)BRAENDLE EDGAR

2)RAE PATRICIA

3)RANGWALA SHAMINA M.

4)STOVER DAVID RAYMOND

5)TAYLOR ANN

(57) Abstract :

Methods of using binding molecules and fragments thereof that bind to the protein target Dickkopf -1 (DKK1), Dickkopf-4 (DKK4) or both (wherein specificity to DKK1 or DKK4 or both is herein denoted as DKK1/4) are provided.

No. of Pages : 183 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7886/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PLANT FOR THE SURFACE PROCESSING OF PARTS

(51) International classification	:C25D 17/00
(31) Priority Document No	:09158977.0
(32) Priority Date	:28/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2010/051827
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/125515
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TORNOS MANAGEMENT HOLDING SA

Address of Applicant :RUE INDUSTRIELLE 111, 2470 MOUTIER/SWITZERLAND.

(72)**Name of Inventor :**

1)VACHERON FREDERIC

(57) Abstract :

The invention relates to a machine for the surface processing of metal parts by Immersion into at least one processing liquid contained in a processing tank comprising a plurality of tanks (101, 102, 103) arranged in series and to a device for transferring the parts between the tanks, said tanks each including a rotary structure (801, 802, 803) mounted on a rotation axis (810, 80, 830) for receiving said parts submerged by a rotation movement of the rotary structures such that the air bubbles generated by the immersion of the parts are chased from the surfaces thereof, machine in which said rotation axis are rotatably rigidly connected and driven by a common driving device. The tanks arranged in series may be contiguous and the rotation axes of the rotary structures may be aligned and assembled so as to form a common rotation axis extending through the entire machine. The rotation axis (810) of the processing tank is electrically insulated from the other axis portions (820, 830) and connected to a power generator, in particular via a rotary connector (806) arranged at one end of the axis. The downstream tank in the series is a steaming tank (112) supplied with hot air. The machine is housed in a casing that comprises means for confining and reprocessing all the fluids from the machine.

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7867/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EXERCISE APPARATUS WITH FLEXIBLE ELEMENT

(51) International classification	:A63B 22/04
(31) Priority Document No	:61/212,609
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031073
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120912
(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 :20031 142ND AVENUE NE,
WOODINVILLE, WA 98072, U.S.A.

(72)Name of Inventor :

1)STEWART, JONATHAN M.

2)DYER, DAVID E.

3)ARNOLD, PETER, J.

(57) Abstract :

An exercise device includes a flexible support element (104, 404, 406) and a step height adjustment mechanism (38, 338). The flexible support element (104, 404, 406) couples at least one crank (70, 370) to a right foot support (60, 360) and a left foot support (60, 360). The step height adjustment mechanism (38, 338) allows a person to adjust a step height of a path through which the left and right foot supports (60, 360) move.

No. of Pages : 72 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.7868/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR PRODUCING PYRIDINE COMPOUND, AND PYRIDINE COMPOUND

(51) International classification	:C07D 213/16	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AIR WATER INC.
(32) Priority Date	:NA	Address of Applicant :2, NISHI 1-CHOME, KITA SANJO, CHUO-KU, SAPPORO-SHI, HOKKAIDO 060-0003, JAPAN
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/059406	1)FUKUI, KOICHI
Filing Date	:22/05/2009	2)NAMEKATA, TAKESHI
(87) International Publication No	:WO 2010/134193	3)ITO, IKUO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a process for producing a high-purity pyridine compound from a crude pyridine compound that contains a diazine compound as an impurity, the method including a reaction step of reacting the crude pyridine compound with an aluminum hydride compound, and a distillation step of distilling the product obtained from the reaction step. The aluminum hydride compound preferably contains one or more compounds selected from lithium aluminum hydride and sodium aluminum hydride.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7898/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS OF USING AN IMPROVED FLUE IN A TITANIUM DIOXIDE PROCESS

(51) International classification	:F28F 21/04
(31) Priority Document No	:61/176,537
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033998
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129847
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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

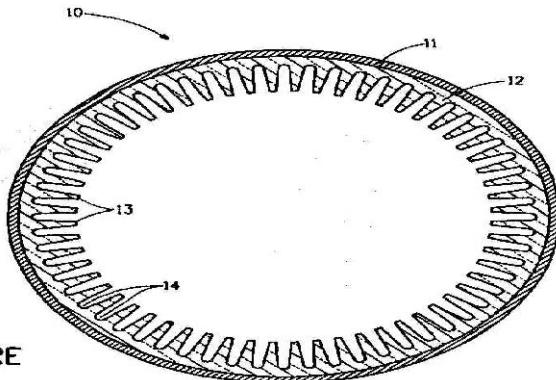
Address of Applicant :1007 MARKET STREET,
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(72)Name of Inventor :

1)MUSICK, CHARLES, DAVID

(57) Abstract :

This disclosure relates to a flue providing improved heat transfer comprising an inner layer and an outer layer, wherein the inner layer comprises a high thermal conductivity ceramic having a thermal conductivity of at least 91 W/m-K (@300K) and a Moh's hardness of at least 6.5, and comprises a plurality of protuberances (13), depressions (14) or both; and wherein the inner layer (12) and the outer layer (11) are in substantially continuous, thermally conductive contact. Titanium dioxide particles having improved particle size, gloss, undertone, tinting strength and hiding power are formed using the above described flue.



FIGURE

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7899/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COAXIAL BROADBAND SURGE PROTECTOR

(51) International classification	:H01T 4/08
(31) Priority Document No	:12/425,728
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030962
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120834
(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)MONTENA, NOAH

(57) Abstract :

A high voltage surge protection device having a characteristic impedance includes a center conductor defining an axis, an electrically conductive outer body concentrically disposed in surrounding relation to the inner conductor, and a dielectric layer disposed between the center conductor and the outer body. An electrically conductive surge protective element having a first value of effective impedance is disposed in electrical contact with the outer body and in spaced-apart relationship with the center conductor. The spaced-apart relationship forms a gap between the surge protective element and the center conductor. An insulative tuning element having a second value of effective impedance larger than the first value of effective impedance is coupled to the surge protective element in impedance-restorative relationship. The combination of the first value of effective impedance and the second value of effective impedance effectively equals the characteristic impedance of the high voltage surge protection device.

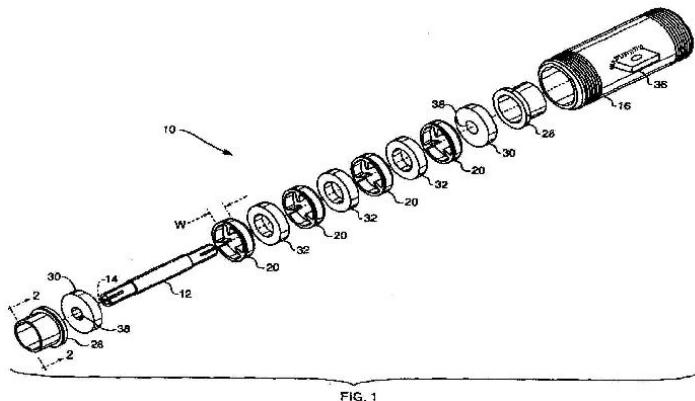


FIG. 1

No. of Pages : 31 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.79/DELNP/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED ISOPRENE PRODUCTION USING THE DXP AND MVA PATHWAY

(51) International classification	:C12P 5/02	(71)Name of Applicant :
(31) Priority Document No	:61/187,930	1)DANISCO US INC.
(32) Priority Date	:17/06/2009	Address of Applicant :925 PAGE MILL ROAD, PALO ALTO, CALIFORNIA 94304-1013, U.S.A.
(33) Name of priority country	:U.S.A.	2)THE GOODYEAR TIRE & RUBBER COMPANY
(86) International Application No	:PCT/US2010/038904	(72)Name of Inventor :
Filing Date	:16/06/2010	1)BECK ZACHARY QUINN
(87) International Publication No	:WO 2010/148150	2)MCAULIFFE JOSEPH C.
(61) Patent of Addition to Application Number	:NA	3)MILLER MICHAEL CHARLES
Filing Date	:NA	4)MUIR RACHEL ERIN
(62) Divisional to Application Number	:NA	5)NIELSEN ALEX T.
Filing Date	:NA	6)PERES CAROLINE M.
		7)WELLS DEREK H.
		8)WEYLER WALTER
		9)CHOTANI GOPAL K
		10)VAVILINE DMITRII V.

(57) Abstract :

The invention provides for methods for producing isoprene from cultured cells using various components of the DXP pathway and MVA pathway, or components associated with the DXP pathway and MVA pathway, iron-sulfur cluster-interacting redox polypeptides, and isoprene synthase. The invention also provides compositions that include these cultured cells.

No. of Pages : 579 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7890/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD OF MAKING SILICON ANODE MATERIAL FOR RECHARGEABLE CELLS

(51) International classification	:C22C 21/02
(31) Priority Document No	:0907891.6
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000943
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/128310
(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)RAYNER PHILIP JOHN

(57) Abstract :

There is provided a method of forming silicon anode material for rechargeable cells. The method includes providing a metal matrix, comprising no more than 30wt% silicon, including silicon structures dispersed therein. The method further includes at least partially etching the metal matrix to at least partially isolate the silicon structures.

No. of Pages : 31 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7892/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELEVATOR CONTROL APPARATUS

(51) International classification	:B66B 1/34
(31) Priority Document No	:09006603.6
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053114
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/130477
(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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NEUHAUSEN, GERMANY (DE)

(72)Name of Inventor :

1)DOLDE, WALTER

2)KNEISLER, STEFAN

3)MEYLE, PETER

4)THUMM, GERHARD

(57) Abstract :

The invention relates to an elevator control apparatus (30) for an elevator system (10) comprising at least one elevator car (16) that can be displaced in a shaft (12), for transporting persons and/or loads, by means of a drive device (24), wherein the elevator control apparatus (30) is connected to input and output devices and to sensors of the elevator system (10) and also to the drive device (24) and controls the operation of the elevator system (10). In order to further develop the elevator system (24) such that it can be produced more cost-effectively and be implemented more easily, according to the invention, the elevator control apparatus (30) has an elevator-specific base system (60) and a standardized application system (61). The base system (60) comprises input/output elements (75), at least one field bus interface (72, 73) or at least one serial interface (71), and a signal processing element (69) for processing real-time-relevant signals. The application system (61) comprises a standardized, hardware-independent programmable signal processing element (83) for processing non-real-time-relevant signals, with an operating system. Bidirectional data can be transmitted between the two systems (60, 61). FIG. 2

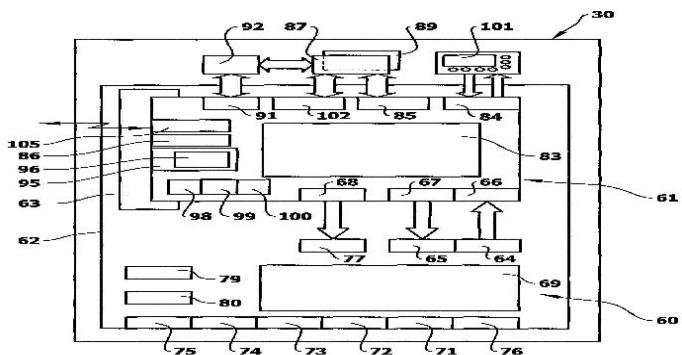


FIG.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7894/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADJUVANT CANCER THERAPY

(51) International classification	:A61K 39/395
(31) Priority Document No	:61/171,008
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031740
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENENTECH, INC.

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2)NSABP FOUNDATION, INC.

(72)Name of Inventor :

1)FYFE, GWENDOLYN

2)HEDRICK, ERIC

3)MASS, ROBERT D.

4)WOLMARK, NORMAN

(57) Abstract :

Disclosed herein are methods and compositions comprising anti-VEGF antibodies for use in adjuvant cancer therapy. Fig.1

Arm A:				
Drug	Dose	Administration	Dosing Interval	Planned Duration
Oxaliplatin	85 mg/m ²	Administered IV concurrently with separate infusion bags of 250 ml. DSW and separate lines connected by Y-line tubing over 2 hours	Day 1 q 14 days	12 Cycles
Leucovorin	400 mg/m ²			
S-FU	400 mg/m ²	IV bolus over 2-4 minutes		
S-FU	2400 mg/m ² over 48 hours	IV continuous infusion over 48 hours	Days 1 and 2 q 14 days	

Arm B:				
Drug	Dose	Administration	Dosing Interval	Planned Duration
Bevacizumab	5 mg/kg	IV diluted in 100 ml. of 0.9% NaCl solution given over 1 hour followed by 90 minutes. 1st dose 60 minutes. 2nd dose 30 minutes – 6 of subsequent doses. Flush infusion line	Day 1 q 14 days	12 Months
Oxaliplatin	85 mg/m ²			
Leucovorin	400 mg/m ²			
S-FU	400 mg/m ²	IV bolus over 2-4 minutes	Day 1 q 14 days	
S-FU	2400 mg/m ² over 48 hours	IV continuous infusion over 48 hours	Days 1 and 2 q 14 days	12 Cycles (6 months)

FIG. 1

No. of Pages : 81 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7895/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VINYL CHLORIDE- BASED RESIN EMULSION, WATER-BASED INK AND RECORDING PAPER

(51) International classification	:C08F 214/06
(31) Priority Document No	:2009-135220
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059418
Filing Date	:03/06/2011
(87) International Publication No	:WO 2010/140647
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NISSIN CHEMICAL INDUSTRY CO., LTD.

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ECHIZEN-SHI, FUKUL, JAPAN

(72)Name of Inventor :

1)YASUHIRO MITTA

2)YUJI GAMA

(57) Abstract :

A vinyl chloride resin emulsion is obtained from emulsion polymerization of (A) 40-500 parts by weight of a styrene-acrylic acid ester oligomer and/or acrylic acid ester oligomer having a number average molecular weight of 5,000-50,000 with 100 parts by weight of a monomeric composition comprising (B) a vinyl chloride monomer or (B) a vinyl chloride monomer and (C) an ethylenically unsaturated monomer copolymerizable therewith.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7902/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROTEIN PRODUCTION IN MICROORGANISMS OF THE PHYLUM LABYRINTHULOMYCOTA

(51) International classification	:C07H 21/04
(31) Priority Document No	:61/160,618
(32) Priority Date	:16/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027352
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/107709
(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)APT, KIRK, E.

2)LIPPMEIER, JAMES, CASEY

3)SIMPSON, DAVID

4)WANG, JUN

5)WYNN, JAMES, P.

6)ZIRKLE, ROSS

(57) Abstract :

The present invention relates to recombinant cells and microorganisms of the phylum Labyrinthulomycota and their use in heterologous protein production. Novel promoter, terminator, and signal sequences for efficient production, and optionally, secretion of polypeptides from recombinant host cells and microorganisms are also encompassed by the present invention.

No. of Pages : 167 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7905/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : REFLOWABLE THERMAL FUSE

(51) International classification	:H01H 69/02
(31) Priority Document No	:12/383,560
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000874
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/110884
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TYCO ELECTRONICS CORPORATION

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(72)Name of Inventor :

1)MATTHIESEN, MARTYN A.

2)CHEN, JIANHUA

3)VRANICAR, ANTHONY

(57) Abstract :

A reflowable thermal fuse (100) includes a positive-temperature-coefficient (PTC) device (105) that defines a first end and a second end, a conduction element (110) that defines a first end and a second end in electrical communication with the second end of the PTC device, and a restraining element (115) that defines a first end in electrical communication with the first end of the PTC device and a second end, in electrical communication with a second end of the conduction element. The restraining element is adapted to prevent the conduction element from coming out of electrical communication with the PTC device in an installation state of the thermal fuse. During a fault condition, heat applied to the thermal fuse diverts current flowing between the first end of the PTC device and the second end of the conduction element to the restraining element, causing the restraining element to release the conduction element and activate the fuse.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7900/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NOISE SUPPRESSION

(51) International classification	:H04B 1/707
(31) Priority Document No	:09305321.3
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054905
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119074
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ST-ERICSSON (FRANCE) SAS

Address of Applicant :12 RUE JULES HOROWITZ, F-38000 GRENOBLE (FR) France

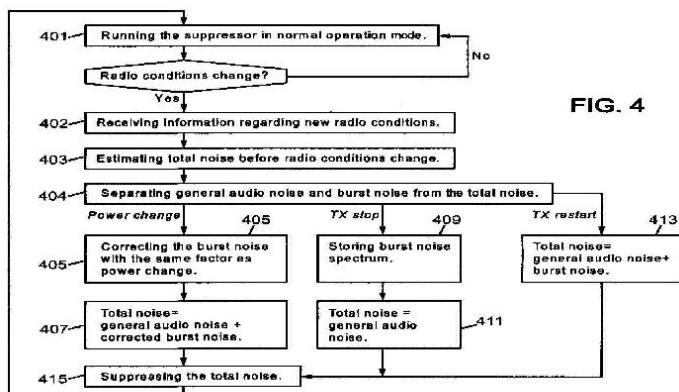
2)ST-ERICSSON SA

(72)Name of Inventor :

1)CIMAZ, LIONEL

(57) Abstract :

The present invention relates to a method of suppressing noise in a communication device. The idea consists in forwarding to a noise suppression module some information regarding the radio transmission in terms of radio activity and/or in terms of radio transmission power. The module then advantageously uses this information to suppress radio path noise.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7901/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESSES FOR REDUCING THE AMOUNT OF MONOFLUOROACETATE IN HYDROFLUOROLEFIN PRODUCTION

(51) International classification	:C07C 17/25	(71) Name of Applicant :
(31) Priority Document No	:61/176,500	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:08/05/2009	Address of Applicant :1007 MARKET STREET, WILMINGTON, DE 19898, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033991	1)NAPPA, MARIO, JOSEPH
Filing Date	:07/05/2010	2)CHEUNG, PATRICIA
(87) International Publication No	:WO 2010/129844	3)KRAUSE, KARL, R.
(61) Patent of Addition to Application Number	:NA	4)SISK, MICHAEL A
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process is disclosed for reducing the amount of monofluoroacetate. The process involves (a) contacting a hydrofluorocarbon with a reactant basic aqueous solution to produce an organic phase solution containing a hydrofluoroolefin and an aqueous phase solution containing a monofluoroacetate; and (b) heating the aqueous phase solution to an effective temperature to reduce the amount of monofluoroacetate in the aqueous phase solution, wherein fluoride concentration in the aqueous phase solution is substantially high. Another process is disclosed for reducing the amount of monofluoroacetate. The process involves (a) contacting a first batch of hydrofluorocarbon with a first batch of reactant basic aqueous solution to produce a first batch of organic phase solution containing a hydrofluoroolefin and a first batch of aqueous phase solution containing a monofluoroacetate; (b) separating the first batch of organic phase solution from the first batch of aqueous phase solution; (c) mixing a second batch of hydrofluorocarbon and a second batch of reactant basic aqueous solution with the separated first batch of organic phase solution to produce a second batch of organic phase solution containing a hydrofluoroolefin and a second batch of aqueous phase solution containing a monofluoroacetate; (d) combining the first batch of aqueous phase solution with the second batch of aqueous phase solution; and (e) heating the combined aqueous phase solutions to an effective temperature to reduce the amount of monofluoroacetate in the combined aqueous phase solutions, wherein fluoride concentration in the combined aqueous phase solutions is substantially high.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7911/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INHALER ADAPTOR FOR A LASER DIFFRACTION APPARATUS AND METHOD FOR MEASURING PARTICLE SIZE DISTRIBUTION

(51) International classification	:A61M 15/00
(31) Priority Document No	:61/161,379
(32) Priority Date	:18/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027880
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/108046
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MANNKIND CORPORATION

Address of Applicant :28903 NORTH AVENUE PINE,
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(72)Name of Inventor :

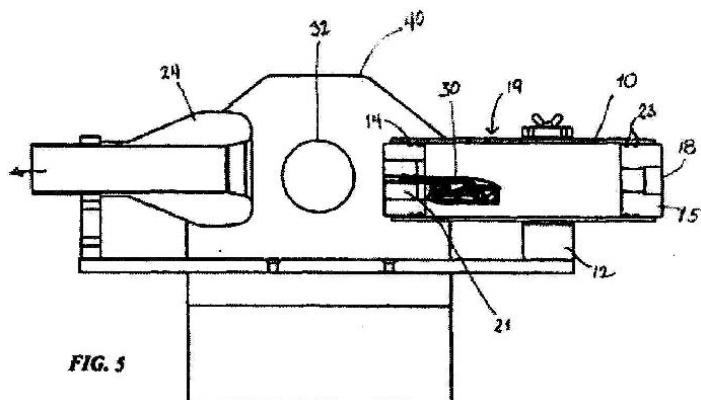
1)ADAMO, BENOIT

2)SHAH, SAIYAM

3)SMUTNEY, CHAD, C.

(57) Abstract :

The present disclosure relates to an improved device (10) and methods for adapting to a laser diffraction apparatus (20) used for measuring particle size distribution and density of the plume of a powder composition emitted from a dry powder inhaler (30).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7912/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HIGH FIBER NUTRITIONAL EMULSIONS WITH GLYCERIN

(51) International classification	:A23L 1/30
(31) Priority Document No	:61/169,027
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030884
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120772
(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)MUSTAD, VIKKIE, A.

2)EDENS, NEILE, K.

3)WALTON, JOSEPH, E.

4)WOLF, DAVID, R.

(57) Abstract :

Disclosed are nutritional aqueous emulsions having high fiber content. An aqueous emulsion comprising fat, protein, and carbohydrate, which includes from about 0.5% to about 9.0% by weight of a milk protein concentrate; from about 2.0% to about 6.0% by weight of glycerin, from about 2.3% to about 9.0% by weight of a fiber, and fructose and at least about 0.15% by weight of leucrose in a weight ratio of fructose to leucrose of at least 2:1, wherein the aqueous emulsion has a viscosity of less than about 300 centipoise at 20°C. These high fiber emulsions are stable and deliver desirable hedonics, rheologies, blunted glycemic profiles, and gastrointestinal tolerance. These high fiber emulsions provide beneficial features, including one or more of stability, desirable hedonics, rheology, and product performance, including a blunted glycemic response profile and or minimal or no gastrointestinal intolerance.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7906/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRICALLY ACTIVATED SURFACE MOUNT THERMAL FUSE

(51) International classification	:H01H 37/76
(31) Priority Document No	:12/383,595
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000863
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/110877
(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)GALLA, MATTHEW P.

2)CHEN, JIANHUA

3)MATTHIESSEN, MARTYN A.

(57) Abstract :

A reflowable thermal fuse (100) includes a conduction element (145) with first and second ends (145a, 145b), disposed within a housing (150). The reflowable thermal fuse also includes an elastic element (120) disposed within the housing and adapted to apply force on the conduction element in an activated state of the reflowable thermal fuse. A restraining element (160a) is utilized to secure the elastic element and prevent the elastic element from applying force on the conduction element in an installation state of the reflowable thermal fuse. Application of an activating current through the restraining element causes the restraining element to break and thereby release the elastic element and place the reflowable thermal fuse in the activated state.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7907/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED PIG LIVER ESTERASES

(51) International classification	:C12N 9/18
(31) Priority Document No	:09158759.2
(32) Priority Date	:24/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055564
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/122175
(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)KIETZMANN, MARTIN
2)PICHLER, HARALD
3)SCHWAB, HELMUT
4)EL-HELIEBI, AMIN
5)BRAUN, ANDREAS
6)WINKLER, CHRISTINE**

(57) Abstract :

The invention relates to an isolated polypeptide having esterase activity comprising an amino acid sequence shown in any one of SEQ ID NO's 2, 4, 6, 8, 10, 12 or 14 or a homologue thereof, comprising an amino acid substitution or deletion of one or more amino acids as shown in said SEQ ID NO's and resulting in a mutant polypeptide having an increased concentration of the fraction of the mutant polypeptide being present as an active and soluble protein in cleared lysate of the mutant polypeptide expressed in E.coli relative to the concentration of the fraction of the polypeptide without the mutation being present as an active and soluble protein in cleared lysate of the polypeptide without the one or more deletion or substitution expressed in E.coli under the same conditions. The invention also relates to nucleic acid encoding the polypeptides according to the invention, and the use of the polypeptides.

No. of Pages : 63 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7909/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INVERTER ARRANGEMENT MODULE HAVING A DECOUPLING SWITCHING ELEMENT

(51) International classification	:H02M 1/38
(31) Priority Document No	:10 2009 002 860.9
(32) Priority Date	:06/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055379
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/127950
(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)VOIGTLAENDER, KLAUS

(57) Abstract :

Described herein is an inverter module for converting a constant output signal of an energy generating module, particularly a solar cell module, into an alternating signal. The inverter module includes a gate (1001, 1003) for receiving the constant output signal; at least one inverter switching element (1005, 1007, 1009, 1011) connected downstream of the gate and provided for generating the alternating signal by switching over the at least one inverter switching element; and a decoupling switching element (1017) disposed between the gate and the at least one inverter switching element (1005, 1007, 1009, 1011). The decoupling switching element (1017) can be switched over directly prior to a switching over of the at least one inverter switching element (1005, 1007, 1009, 1011) to decouple the at least one inverter switching element (1005, 1007, 1009, 1011) from the gate (1001, 1003) at the time of the switching over.

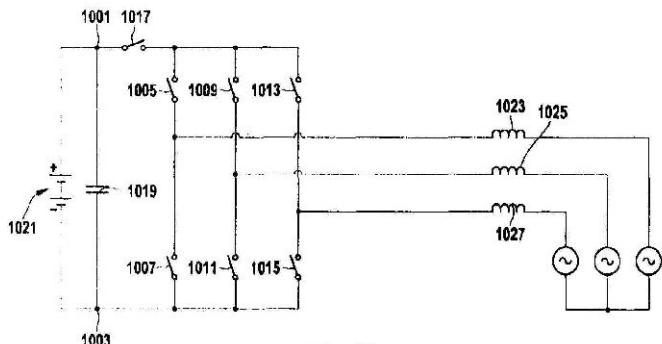


Fig. 10

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.7910/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MOBILE PHONE FOR RECORDING ECG

(51) International classification	:A61B 5/0408
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SG2009/000358
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/040877
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EPHONE INTERNATIONAL (S) PTE LTD

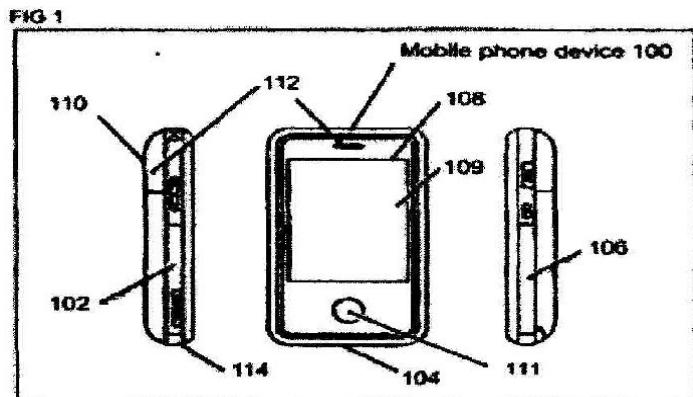
Address of Applicant :290 ORCHARD ROAD, #09-23/27,
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(72)Name of Inventor :

1)LIM, CHUN LENG, MICHAEL

(57) Abstract :

A mobile phone, a method of assembling a mobile phone, and a method of recording an ECG using the mobile phone. The mobile phone comprises a casing; a wireless communication module disposed inside the casing for communicating with a mobile network; one or more sensor elements integrated on the casing for measuring an electrophysiological signal of a person; and an ECG generator module disposed inside the casing and coupled to the sensor elements and the communication module for generating an ECG from the measured electrophysiological signal and for transmitting data representing said ECG via the communication module.



No. of Pages : 38 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7921/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FIRE RETARDANT FABRIC AND/OR APPAREL

(51) International classification	:A41D 31/00
(31) Priority Document No	:61/170,018
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031326
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121086
(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)HARRIE P. SCHOOOTS

2)DALIA I. EICKEN

3)VINH V. NGUYEN

4)ARNOLD YBARRA

(57) Abstract :

A fire retardant fabric or garment comprising: a fabric or garment and a fire retardant composition including a polyvinyl alcohol copolymer, a vinyl acetate copolymer an acrylic emulsion, and vinyl acrylic emulsion or a combination thereof.

No. of Pages : 42 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7922/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COLORFASTNESS AND FINISHING COMPOUNDS

(51) International classification	:B32B 5/02
(31) Priority Document No	:61/170,022
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/031329
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121088
(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)HARRIE P. SCHOOOTS
2)DALIA I. EICKEN
3)VINH V. NGUYEN
4)JENNIFER S. KAUFFMAN**

(57) Abstract :

A colorfast textile comprising a yarn, fabric and/or garment and a colorfast composition including a polyvinyl alcohol, polyvinyl alcohol copolymer and, or combinations thereof.

No. of Pages : 72 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7927/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : OXYGEN SCAVENGING FILMS

(51) International classification	:C08J 3/07
(31) Priority Document No	:12/416,685
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028102
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/120435
(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)CHAU CHIEH-CHUN

2)THOMAS H. POWERS

3)STANISLAV E. SOLOVYOV

(57) Abstract :

A well dispersed oxygen scavenging particulate compounded in a polymer matrix. The oxygen scavenging formulation consists of iron powder with a mean particle sizes within 1 - 25 um and pre-coated with at least one or more activating and acidifying powdered compounds, usually in the form of solid organic and inorganic salts of alkaline and alkaline earth metals such as sodium chloride and sodium bisulfate. The pre-coated iron particulate is dispersed into a polymer resin by using a conventional melt processing method such as twin-screw extrusion. The oxygen scavenging compound is mixed with polymer pellets in the solid state prior to melting. The polymer resin pellets and the coated iron powder are preferably treated with a surfactant in the dry state to help dispersing the iron/salt powder with the resin pellets. The melt extruded compounds are pelletized and kept in the dry state to prevent premature activation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7928/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PRODUCING A SUPPORTED METAL NITRATE

(51) International classification	:B01J 23/72
(31) Priority Document No	:0905222.6
(32) Priority Date	:26/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050430
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/109216
(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)MARISKA WOLTERS
2)PETER MUNNIK
3)JOHANNES HENDRIK BITTER
4)PETRA ELISABETH JONGH
5)KRIJN PIETER DE JONG**

(57) Abstract :

A method is described for the preparation of a supported metal nitrate, suitable as a precursor for a catalyst or sorbent, comprising the steps of: (i) impregnating a support material with a metal nitrate, (ii) optionally drying the impregnated material at low temperature, and (iii) exposing the impregnated material to a gas mixture comprising nitrogen oxide at a temperature in the range 0-150°C, to form a dispersed supported metal nitrate. The metal nitrate may subsequently be converted to the corresponding oxide by calcining the metal nitrate to effect its decomposition. Preferred metals are iron, ruthenium, cobalt, rhodium, iridium, nickel, palladium, platinum, copper or a mixture thereof.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7940/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ACTIVATING SUPPORTS WITH CONTROLLED DISTRIBUTION OF OH GROUPS

(51) International classification	:C08F 210/16
(31) Priority Document No	:09290333.5
(32) Priority Date	:07/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055797
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127988
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TOTAL PETROCHEMICALS RESEARCH FELUY
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**2)CENTRE NATIONAL DE LA RECHERCHE
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(72)**Name of Inventor :**

**1)PANNIER, GAELLE
2)BOISSON, CHRISTOPHE
3)SPITZ, ROGAR**

(57) Abstract :

The present invention relates to a process for preparing an activating support for metallocene complexes in the polymerisation of olefins comprising the steps of: I) providing a support consisting in particles formed from at least one porous mineral oxide; II) optionally fixing the rate of silanols on the surface of the support; III) functionalising the support with a solution containing a metallic salt; IV) heating the functionalised support of step c) under an inert gas or hydrogen; V) oxidising the support of step IV by treatment under N2O and then under oxygen; VI) retrieving an active support having a controlled number of OH groups. That activating support is used to activate a metallocene catalyst component for the polymerisation of olefins.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7943/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMIDAZO [2,1-B] [1,3,4] THIADIAZOLE DERIVATIVES

(51) International classification	:C07D 513/04	(71) Name of Applicant :
(31) Priority Document No	:09380069.6	1)CENTRO NACIONAL DE INVESTIGACIONES
(32) Priority Date	:02/04/2009	ONCOLOGICAS (CNIO)
(33) Name of priority country	:EPO	Address of Applicant :MELCHOR FERNANDEZ,
(86) International Application No	:PCT/GB2010/000674	ALMAGRO 3, E-28029 MADRID, SPAIN
Filing Date	:01/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/112874	1)PASTOR, FERNANDEZ, JOAQUIN
(61) Patent of Addition to Application Number	:NA	2)KURZ, GUIDO
Filing Date	:NA	3)MARTINEZ GONZALEZ, SONIA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided compounds of formula (I): wherein R1, R2 and R3 have meanings given in the description, and pharmaceutically-acceptable esters, amides, solvates or salts thereof, which compounds are useful in the treatment of diseases in which inhibition of a protein or lipid kinase (e.g. PI3-K, particularly class I P13K) is desired and/or required, and particularly in the treatment of cancer.

No. of Pages : 99 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7933/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A SEALED HUB-BEARING ASSEMBLY FOR AGRICULTURAL APPLICATIONS

(51) International classification	:A01B 71/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/055203
Filing Date	:29/04/2009
(87) International Publication No	:WO 2010/124731
(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)LUCA MORERO

2)FABIO PICATTO

3)OVE LENNART ANDERSSON

4)STEFANO URSO

5)MASSIMO MARIVO

6)CARLO MALDERA

7)MARCO PANCHETTI

8)ANDREA MAGNETTO

(57) Abstract :

A sealed hub-bearing assembly for agricultural applications includes a hub-bearing unit 10 with a flanged outer ring 11 and a pair of radially inner stationary rings 16, 17 tightly mounted side to side. A sealing device 20 is mounted on a side of the hub-bearing unit 10 opposite to the side of the flange 12 and includes a sealing gasket 32 which is arranged to slide against the outer ring 11 and it is mounted by snap-action in a circumferential groove 18 formed in the inner ring 17 located farthest from the side of the flange 12.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7934/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : OPTICAL SENSOR FOR IDENTIFYING AND/OR AUTHENTICATING OBJECTS

(51) International classification	:G07D 7/12
(31) Priority Document No	:10 2009 017 668.3
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002168
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/118835
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BAYER TECHNOLOGY SERVICES GMBH

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(72)**Name of Inventor :**

1)MARKUS GERIGK

2)ANDREAS BACKER

3)THOMAS BIRSZTEJN

4)RALF IMHAUSER

5)CHRISTIAN ROTH

6)WALTER SPETH

7)SIMON HOFF

(57) Abstract :

The invention relates to an optical sensor for identifying and/or authenticating objects on the basis of characteristic reflection patterns, and to a device comprising a plurality of sensors connected to one another.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7935/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM'

(51) International classification	:G06F 3/033	(71) Name of Applicant :
(31) Priority Document No	:2009-105294	1)SONY CORPORATION
(32) Priority Date	:23/04/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/054541	1)KOUICHI MATSUDA
Filing Date	:17/03/2010	
(87) International Publication No	:WO 2010/122859	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A configuration is realized which enables data not displayed on a display section to be always observed as a virtual object. A configuration is realized with which, in various kinds of display apparatus such as a PC and a portable telephone having a display section, non-displayed data that extends off the area of the display section is displayed as a virtual object at a position contiguous to the display data of the display section. This configuration allows the user to always observe and view not only data displayed on a limited display area of a PC or the like but also data that has gone off the display section, thereby enhancing data processing efficiency.

No. of Pages : 71 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7936/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : 4-AZETIDINYL-1-HETEROATOM LINKED-CYCLOHEXANE ANTAGONISTS OF CCR2

(51) International classification	:C07D 401/08
(31) Priority Document No	:61/170,225
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031255
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121036
(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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BEERSE, BELGIUM

(72)Name of Inventor :

1)XUQING ZHANG

2)HEATHER RAE HUFNAGEL

3)ZHIHUA SUI

(57) Abstract :

The present invention comprises compounds of Formula (I). wherein: X, R1, R2, R3 and R4 are as defined in the specification. The invention also comprises a method of preventing, treating or ameliorating a syndrome, disorder or disease, wherein said syndrome, disorder or disease is type II diabetes, obesity and asthma. The invention also comprises a method of inhibiting CCR2 activity in a mammal by administration of a therapeutically effective amount of at least one compound of Formula (I).

No. of Pages : 134 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7939/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYNTHESIS OF FOUR COORDINATED PLATINUM COMPLEXES AND THEIR APPLICATIONS IN LIGHT EMITTING DEVICES THEREOF

(51) International classification	:C09K 11/06
(31) Priority Document No	:61/166,901
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030095
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/118026
(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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U.S.A.

(72)**Name of Inventor :**

1)LI JIAN

2)WANG ZIXING

3)TURNER ERIC

(57) Abstract :

Platinum complexes that exhibit photoabsorption and photoemission, methods of making such complexes, and applications thereof are disclosed, including optical devices comprising the complexes.

No. of Pages : 54 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7950/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VISCOELASTIC SURFACTANTS AND METHODS OF MAKING AND USING SAME

(51) International classification	:C09K 8/035
(31) Priority Document No	:12/419,893
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000473
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/116117
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HALLIBURTON ENERGY SERVICES, INC.
Address of Applicant :P.O. BOX 1431, DUNCAN,
OKLAHOMA 73536 (US) U.S.A.

(72)Name of Inventor :

1)VAN ZANTEN, RYAN
2)HARRISON, DOUGLAS, J

(57) Abstract :

A method of servicing a wellbore comprising placing downhole a composition comprising a surfactant package comprising a cationic surfactant and anionic surfactant, wherein the surfactant package when contacted with an aqueous solution forms a viscosified composition in the presence of less than about 30 wt.% of a hydrotrope.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7952/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THERMALLY CONDUCTIVE GREASE AND METHODS AND DEVICES IN WHICH SAID GREASE IS USED

(51) International classification	:C08L 83/04	(71) Name of Applicant :
(31) Priority Document No	:61/160,398	1)DOW CORNING CORPORATION
(32) Priority Date	:16/03/2009	Address of Applicant :2200 WEST SALZBURG ROAD, MIDLAND, MI 48686-0994, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/021726 :22/01/2010	1)BHAGWAGAR, DORAB, EDUL 2)HA, DAVID 3)NICOL, SARAH 4)SU, KAI
(87) International Publication No	:WO 2010/107516	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A thermally conductive grease includes 2 vol% to 15 vol% of a combination of three polyorganosiloxanes and 65 vol% to 98 vol% of a thermally conductive filler. The grease may be used as a thermal interface material for dissipating heat from (opto)electronic devices, in both TIM1 and TIM2 applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7944/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING AN ENERGY STORAGE PACK

(51) International classification	:H02J 7/00
(31) Priority Document No	:0950168-5
(32) Priority Date	:18/03/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050303
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/107382
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELECTROENGINE S.A.

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(72)Name of Inventor :

1)BERGFJORD, THOMAS

(57) Abstract :

The present invention relates to a method, a control system (13) and a control device (15) for controlling a storage pack (7), and a vehicle (1) comprising the control system. The invention also relates to a feeding device (17), a storage cell (9) provided with a feeding device and a supply module.

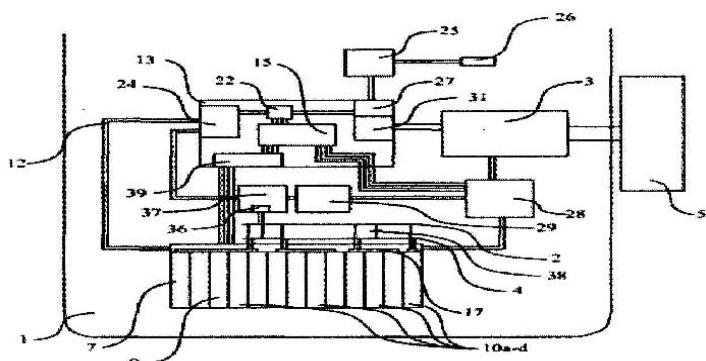


Fig. 1

No. of Pages : 49 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7946/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FOLDING HIGH VOLTAGE INSULATING COLUMN

(51) International classification	:H01B 17/14
(31) Priority Document No	:61/212,612
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030507
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/120643
(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)ROSE, ALLEN, H.

(57) Abstract :

A device for measuring current and/or voltage in a high voltage wire can be provided in a folding insulator. The mechanically folding insulator device can include a plurality of insulated sections. Pairs of insulated sections are coupled together by a link which allows for mechanical folding of said insulator device. The insulated sections of the folding insulator device have a cavity formed therein which contains an optical fiber surrounded by an insulative material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7948/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POWER SUPPLY AND DUAL-CHARGEABLE BATTERY PACK THEREIN

(51) International classification	:H02J 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/071258
Filing Date	:14/04/2009
(87) International Publication No	:WO 2010/118568
(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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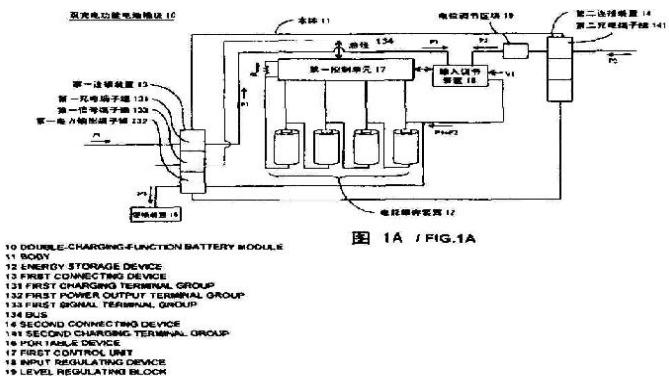
(72)Name of Inventor :

1)LU, YUAN-JUI

2)CHEN, KAI-SHEN

(57) Abstract :

This invention discloses a power supply and a dual-chargeable battery pack therein. The dual-chargeable battery pack comprises a main body provided with an electrical energy storage device, a first connecting device and a second connecting device. The first connecting device comprises a first charging terminal set and a first power output terminal set, wherein the first charging terminal set is configured to receive an input of a first power for outputting to the electrical energy storage device. The second connecting device comprises a second charging terminal set which is configured to receive an input of a second power for outputting to the electrical energy storage device. The electrical energy storage device is configured to output the electrical energy accumulated therein as a third power through the first power output terminal set. The second power is different than the first power.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7962/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM OF FEEDING A CARBON NANO TUBES (CNTS) TO A FLUID FOR FORMING A COMPOSITE MATERIAL

(51) International classification	:B22F 1/100	(71) Name of Applicant :
(31) Priority Document No	:00630/09	1)BAYER INTERNATIONAL SA
(32) Priority Date	:17/04/2009	Address of Applicant :ROUTE DE BEAUMONT 10, CH-1701 FRIBOURG, SWITZERLAND
(33) Name of priority country	:Switzerland	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002390	1)MICHAEL DVORAK
Filing Date	:19/04/2010	2)HORST ADAMS
(87) International Publication No	:WO 2010/118896	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a method of feeding carbon nano tubes, CNTs, to a fluid wherein the CNTs are provided in the form of a powder of tangled agglomerates of CNTs, the powder of tangled agglomerates is fed to a dosing chamber (16, 18), a pressure pulse is applied to the dosing chamber (16, 18) to expel the CNTs from an outlet of the dosing chamber in such a way that the agglomerates are at least partially disintegrated by said pressure and accompanying shearing forces, and the CNTs are fed into said fluid to distribute said CNTs in said fluid and form a composite material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7966/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PRODUCING METHOD OF BLAST FURNACE COKE

(51) International classification	:C10B 57/06
(31) Priority Document No	:2009-094521
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002509
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/116722
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIPPON STEEL CORPORATION

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

(72)Name of Inventor :

1)SEIJI NOMURA

(57) Abstract :

A producing method of blast furnace coke includes: warming a coal-derived liquid caking additive to a temperature equal to or higher than a liquefaction temperature at which the viscosity of the coal-derived liquid caking additive becomes 100 cP and equal to or lower than a liquefaction temperature at which the viscosity of a petroleum-derived solid caking additive becomes 100 cP; preparing a mixed caking additive by dissolving the petroleum-derived solid caking additive in the coal-derived liquid caking additive; preparing a mixed raw material by mixing a coal for coke making and the mixed caking additive; and carbonizing the mixed raw material.

No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7954/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CONVEYOR BELT APPARATUS AND METHOD INCLUDING MAGNETICALLY ACTUATED ROLLERS

(51) International classification	:B65G 17/24
(31) Priority Document No	:61/160,419
(32) Priority Date	:16/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027500
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/107806
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAITRAM, L.L.C.

Address of Applicant :LEGAL DEPARTMENT, 200 LAITRAM LANE, HARAHA, LOUISIANA 70123, U.S.A.

(72)Name of Inventor :

1)BRYANT G. RAGAN

2)BRIEN G. RAU

3)JASON M. LAGNEAUX

4)WAYNE A. PERTUIT JR.

(57) Abstract :

A modular conveyor belt and method provides a conveyor belt having rollers with metallic or magnetic rotors (20). A magnet or metallic element next to the conveyor belt is positioned to rotate the rotor (20). A magnetic field (45) produced by the magnet or by the magnetic rotor rotates the rollers as they pass the magnetic field (45) or as the magnetic field (45) is changed. In one embodiment, the magnetic field (45) is in the form of one or more switched reluctance motors.

No. of Pages : 45 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7955/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DIAGONAL SORTER'

(51) International classification	:B65G 17/24
(31) Priority Document No	:12/405,834
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027523
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/107823
(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)MATTHEW L. FOURNEY

(57) Abstract :

A conveyor system (100) includes a conveyor belt (102) having belt rollers (118) configured to divert articles on the belt (102) and a drive mechanism that engages the belt rollers (118). The drive mechanism is configured to drive the belt rollers (118) and is adjustable to selectively drive the belt rollers (118) in a first angular direction and, optionally, a second, opposite angular direction so that articles can be selectively diverted to either side of the belt at a desired angle. One version of the drive mechanism has drive rollers (308) mounted in cartridges (334) and rack gears (342) engaging pinion gears on the cartridges to adjust the orientation of the drive rollers (308) relative to the belt rollers. Such a conveyor system with a series of sequential roller actuation zones (430) driven by separately actuated drive mechanisms is arranged diagonally to an infeed conveyor (418) and a multi-lane outbound conveyor (424) to realize a switch conveyor.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7957/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING PROTON PUMP INHIBITOR FOR TREATING DERMATOLOGICAL AUTOIMMUNE DISEASES

(51) International classification	:A61K 31/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 018 133.4	1)AGON PHARMA GMBH
(32) Priority Date	:15/04/2009	Address of Applicant :STUTTGARTER STRASSE 2, 73240
(33) Name of priority country	:Germany	WENDLINGEN, GERMANY
(86) International Application No	:PCT/EP2010/054979	(72) Name of Inventor :
Filing Date	:15/04/2010	1)GUNTER STEPHAN
(87) International Publication No	:WO 2010/119102	2)CHARLIE FARR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is proposed a pharmaceutical composition for treating dermatological autoimmune diseases, comprising a proton pump inhibitor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7971/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEEP TISSUE TEMPERATURE PROBE CONSTRUCTIONS

(51) International classification	:A61B 5/00
(31) Priority Document No	:61/212,749
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001104
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120360
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARIZANT HEALTHCARE INC.

Address of Applicant :10393 WEST 70TH STREET, EDEN PRAIRIE, MN 55344, U.S.A.

(72)Name of Inventor :

1)MARK T. BIEBERICH

(57) Abstract :

Disposable, zero-heat-flux, deep tissue temperature probes are constructed using a support assembly (500) constituted of a flexible substrate (502, 504, 506) that supports elements of the probe. One support assembly embodiment includes a folded substrate with a heater (514) and thermal sensors disposed on it. Another support assembly includes multiple sections separable into strata (542) supporting a covering guard heater (546), a central thermal sensor (508), and a thermal sensor displaced at least radially from the central thermal sensor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7979/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COATING COMPOSITION

(51) International classification	:C09D 183/04
(31) Priority Document No	:2009-102229
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056460
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/122912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOKUYAMA CORPORATION

Address of Applicant :1-1, MIKAGE-CHO, SHUNAN-SHI,
YAMAGUCHI 745-8648, JAPAN

(72)Name of Inventor :

1)NAKATSUKASA, SHUNICHIRO

(57) Abstract :

To provide a coating composition for forming a hard coating which, by itself, favorably adheres to a plastic optical substrate, and effectively prevents the occurrence of cracks caused by the thermal hysteresis at the time of curing. [Means for Solution] The coating composition for forming a hard coating, contains a fine inorganic oxide particle, a hydrolyzable organosilicon compound, water, a curing catalyst and an organic solvent, wherein cyclic ketone is contained in an amount of 0.10 parts by mass to 30.00 parts by mass per 100 parts by mass of the total of the fine inorganic oxide particle and the hydrolyzable organosilicon compound.

No. of Pages : 59 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7967/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FLAME RETARDANT THERMOPLASTIC ELASTOMERS

(51) International classification	:CO8L 71/12
(31) Priority Document No	:61/173,668
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032485
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/126855
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)POLYONE CORPORATION

Address of Applicant :33587 WALKER ROAD, AVON LAKE, OHIO 44012, U.S.A.

(72)Name of Inventor :

1)JIREN GU

(57) Abstract :

A flame-retardant thermoplastic elastomer compound is disclosed having polyphenylene ether, a hydrogenated styrene block copolymer, at least one solid non-halogenated phosphorus containing flame retardant, and a nucleated olefinic polymer. The compound has a before-aging tensile elongation of >200% and an after-aging tensile elongation residual of at least 75%, according to the UL 62 test, which makes it useful as an insulation layer, a jacketing layer, or both for protected electrical lines such as alternating current wire and cable products, accessory cables, and variety of injection molded electrical or electronic parts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7968/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SLIDING BEARING ELEMENT COMPRISING A LEAD-FREE ALUMINUM BEARING METAL LAYER

(51) International classification	:C22C 21/14
(31) Priority Document No	:10 2009 002 700.9
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP10/055530
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/125026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)FEDERAL-MOGUL WIESBADEN GMBH
Address of Applicant :STIELSTRASSE 11, 65201
WIESBADEN, GERMANY

(72)**Name of Inventor :**

1)THOMAS GROOTEBOER
2)KARL-HEINZ LINDNER

(57) Abstract :

The invention relates to a sliding bearing element comprising a supporting layer (10,20,30), an aluminum alloy-based intermediate layer (12,22,32), and an aluminum alloy-based bearing metal layer (14,24,34). The aluminum alloy composition of the intermediate layer (12,22,32) includes at least the following components in percent by weight: 3.5 to 4.5% of copper; 0.1 to 1.5% of manganese; 0.1 to 1.5% of magnesium; and 0.1 to 1.0% of silicon.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7969/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR FORMING ALKYLATED ARYL PHOSPHITE COMPOSITIONS FROM COMPLEX HYDROCARBON STREAMS

(51) International classification	:C07C 37/14	(71) Name of Applicant :
(31) Priority Document No	:61/230,658	1)CHEMTURA CORPORATION
(32) Priority Date	:31/07/2009	Address of Applicant :199 BENSON ROAD, MIDDLEBURY, CONNECTICUT 06749, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/041772	1)JONATHAN HILL
Filing Date	:13/07/2010	2)MAURICE POWER
(87) International Publication No	:WO 2010/014351	3)PAUL E. STOTT
(61) Patent of Addition to Application Number	:NA	4)PETER SMITT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Processes for alkylating hydroxyaryl compounds by reacting a hydroxyaryl with at least one olefin of a complex hydrocarbon stream. The complex hydrocarbon stream preferably comprises a fraction of a cracked hydrocarbon feed stream or the reaction products of a dehydrogenation of a paraffinic feedstock. The olefin of the complex hydrocarbon stream is preferably a branched olefin, e.g., isobutylene or isoamylene. The alkylated compositions are suitable for forming liquid phosphite compositions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7988/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESSES FOR PREPARING POLYTRIMETHYLENE GLYCOL USING ION EXCHANGE RESINS

(51) International classification	:C08G 65/48	(71) Name of Applicant :
(31) Priority Document No	:61/169,829	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:16/04/2009	Address of Applicant :1007 MARKET STREET
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A.
(86) International Application No	:PCT/US2010/031228	(72) Name of Inventor :
Filing Date	:15/04/2010	1)SPENCE, RUPERT
(87) International Publication No	:WO 2010/121021	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Processes for preparing polytrimethylene ether glycol or copolymers thereof using an acid polycondensation catalyst and ion exchange resins are provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7990/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HERMETICALLY SEALED WET ELECTROLYTIC CAPACITOR

(51) International classification	:H01G 9/012
(31) Priority Document No	:61/169,764
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/031223 :15/04/2010
(87) International Publication No	:WO 2010/121018
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)VISHAY SPRAGUE, INC.

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1)EIDELMAN, ALEX

2)EVANS, JOHN

3)BREITHAUPT, STEPHEN

4)LASTELLA, SARAH

5)FAIRFIELD, EDWARD

6)STATKOV, ILIA

7)SEGEL, VICKI

8)VAISMAN, PAVEL

9)ESHEL, HILA

(57) Abstract :

A hermetically sealed wet electrolytic capacitor includes a hermetically sealed case, a cathode, an anode, and an insulator between the anode and the cathode to provide electrical insulation between the anode and the cathode. An electrolytic solution is disposed within the case. A first terminal is electrically connected to the anode and a second terminal is electrically connected to the cathode. The hermetically sealed wet electrolytic capacitor is adapted to deliver at least 80 percent of store energy between the first and the second terminals. The cathode comprises a metal substrate having an alloy layer formed with a noble metal and a noble metal/base metal electrode element layer electrochemically deposited thereon. The electrolytic solution has a conductivity between 10 and 60 mS/cm. The capacitor may be used in an implantable device. An implantable device comprising a battery, a processor and a capacitor is build. Further, a method for manufacturing a capacitor is disclosed.

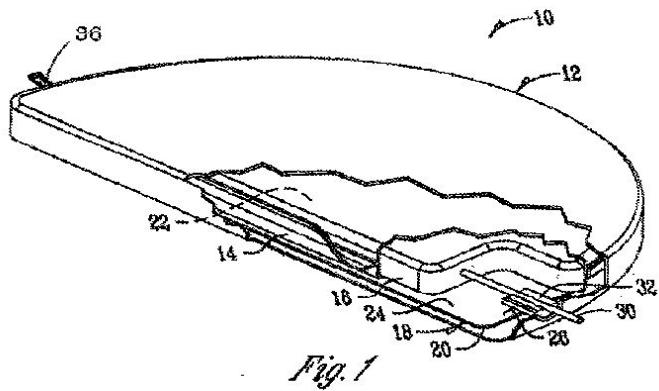


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7993/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ENHANCED POWER IN HDMI SYSTEMS

(51) International classification	:G06F 3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/052794
Filing Date	:17/04/2009
(87) International Publication No	:WO 2010/119308
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ST-ERICSSON (GRENOBLE) SAS

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(72)Name of Inventor :

1)GACHON, CYRILLE

2)LADRET, DANIEL

3)SMEARS, NICHOLAS

(57) Abstract :

There is provided a source device which is adapted to communicate with a sink device through an HDMI cable, and which comprises an internal circuit, handshaking circuitry adapted to verify if the sink device is able to supply a current on a line of said HDMI cable, an internal power supply intended for powering said line and a switching circuit able to uncouple the internal power supply from said line and able to couple the internal circuit to said line. There is also provided a sink device which is adapted to communicate with a source device through an HDMI cable wherein said sink device comprises a power supply, handshaking circuitry able to indicate that the sink device is able to supply a current on a line of said HDMI cable, and a circuit able to couple the power supply to said line.

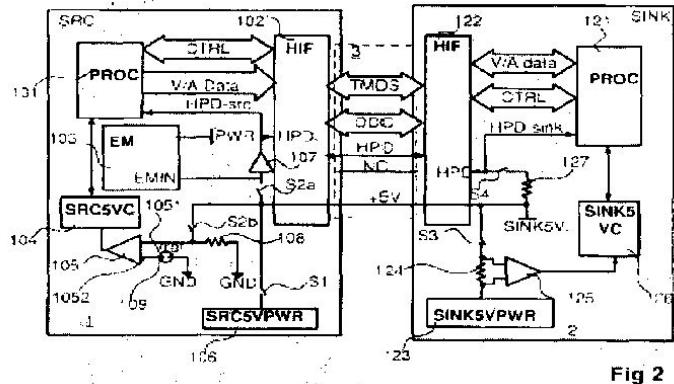


Fig 2

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7564/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PEPTIDE COMPOSITIONS

(51) International classification	:C07K 5/08
(31) Priority Document No	:61/202,947
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001011
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

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HEERLEN, THE NETHERLANDS

(72)Name of Inventor :

1)HEIDL, MARC

2)WILLE, ROMAN

3)ZIEGLER, HUGO

(57) Abstract :

The present invention relates to compositions comprising a peptide with 2-12 amino acids substituted with a lipophilic moiety and a water soluble salt of an alkali, earth alkaline metal or transition metal. Furthermore, the invention relates to a container comprising such compositions. Additionally, the invention relates to the use of a water soluble salt of an alkali, earth alkaline metal or transition metal for reducing the adhesion of a peptide with 2-12 amino acids substituted with a lipophilic moiety to a surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7998/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HYDROCONVERSION MULTI-METALLIC CATALYST AND METHOD FOR MAKING THEREOF

(51) International classification	:B01J 31/26
(31) Priority Document No	:12/432,721
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030326
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/126689
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHEVRON U.S.A. INC.

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(72)Name of Inventor :

1)KUPERMAN, ALEXANDER E.
2)MAESEN, THEODORUS
3)DYKSTRA, DENNIS
4)UCKUNG, SOY
5)FONG, DARREN
6)NA

(57) Abstract :

A catalyst with low volumetric shrinkage and a process for making the stable catalyst with low volumetric shrinkage is disclosed. The catalyst is made by sulfiding a catalyst precursor containing at least a Group VIB metal compound; at least a promoter metal compound selected from Group VIII, Group IIB, Group IIA, Group IVA and combinations thereof, having an oxidation state of either +2 or +4; optionally at least a ligating agent; optionally at least a diluent. In one embodiment, the catalyst precursor is first shaped then heat treated at a temperature of 50°C. to 200°C. for 15 minutes to 12 hours, wherein the catalyst precursor has a low (less than 12%) volumetric shrinkage after exposure to at least 100°C for at least 30 minutes, e.g., in sulfidation or in a hydrotreating reactor. In one embodiment, the catalyst precursor has an essentially monomodal pore volume distribution with at least 90% of the pores being macropores, and a total pore volume of at least 0.08 g/cc. In one embodiment, the catalyst is suitable for hydrotreating heavy oil feeds having a boiling point in the range of 343°C. (650°F.) - to 454 °C. (850 °F.), an average molecular weight Mn ranging from 300 to 400, and an average molecular diameter ranging from 0.9 nm to 1.7 nm.

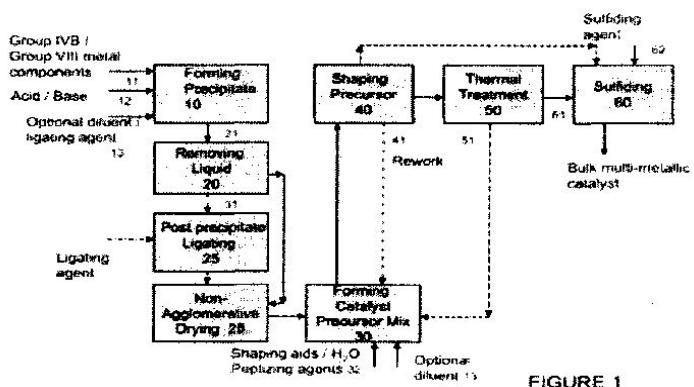


FIGURE 1

No. of Pages : 32 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7999/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HYDROCONVERSION MULTI-METALLIC CATALYST AND METHOD FOR MAKING THEREOF

(51) International classification	:B01J 23/85
(31) Priority Document No	:12/432,730
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030331
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/126691
(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)DYKSTRA, DENNIS

2)MAESEN, THEODORUS

3)KUPERMAN, ALEXANDER E.

4)UCKUNG, SOY

5)FONG, DARREN

(57) Abstract :

A method for preparing a bulk multi-metallic suitable for hydrotreating heavy oil feeds is provided. In one embodiment of the process of preparing the catalyst precursor which is subsequently sulfided to form the bulk catalyst, a catalyst precursor filter cake is treated with at least a chelating agent, resulting in a catalyst precursor with optimum porosity. In another embodiment, non-agglomerative drying is employed to keep the catalyst precursor from aggregating / clumping. The catalyst precursor obtained herein has an optimum porosity with at least 90% of the pores being macropores and a total pore volume of at least 0.08 g/cc.

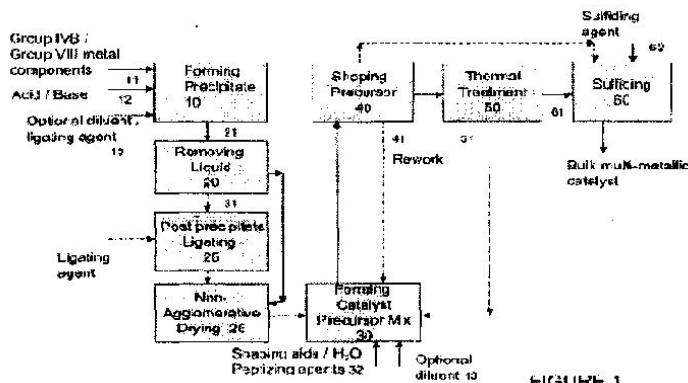


FIGURE 1

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7534/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD FOR IMPROVING A BEAN-BASED PRODUCT

(51) International classification	:A23C 11/10
(31) Priority Document No	:09158941.6
(32) Priority Date	:28/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055260
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/124976
(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)MULLENERS, LEONARDUS JOHANNES SOFIE MARIE

2)LANGEVELD, PIETER CORNELIS

3)SMITS, WOUTER WILLEM

4)NA

(57) Abstract :

The present invention relates to a method for improving at least one characteristic of a bean-based product by treating said bean-based product with a peroxidase, preferably a Marasmus scorodonius peroxidase or a functional equivalent thereof. The present invention relates to a method for improving at least one characteristic of a bean-based product comprising contacting a bean-based product or an intermediate thereof with a peroxidase, preferably a Marasmus scorodonius peroxidase or a functional equivalent thereof, and optionally preparing from said intermediate a bean-based product.

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7535/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RF ELECTRONIC SYSTEM AND CONNECTION ASSEMBLY THEREOF

(51) International classification	:H01R 12/04
(31) Priority Document No	:12/422,838
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001082
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/120353
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TYCO ELECTRONICS CORPORATION

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(72)Name of Inventor :

1)MORLEY, STEPHEN T.

(57) Abstract :

An electronic system is disclosed for RF signals, and comprises coaxial interconnection systems for interconnection with a printed circuit board and which provides an interface with the printed circuit boards.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7537/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BASE STATION CONTROLLER, MOBILE SWITCHING CENTER AND METHOD FOR CONVERTING CALL MODE

(51) International classification	:H04W 36/34
(31) Priority Document No	:200910134213.2
(32) Priority Date	:02/04/2009
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2010/071527 :02/04/2010
(87) International Publication No	:WO 2010/111966
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT,
SHENZHEN, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)MAO, FEI

2)TANG, XUE

(57) Abstract :

A base station controller (BSC), a mobile switching center (MSC) and a method for converting calling mode are provided, wherein the method comprises: the mobile switching center (MSC) sending a conversion notification message; the base station controller (BSC) establishing circuits of port A for both calling parties of a local switch according to the conversion notification message that it receives from the mobile switching center (MSC). The present solution overcomes the problem that a call is failed caused by using local switch to perform local call during the call which local switch is not suitable for, and is capable of converting from the local switch mode to non-local switch mode to achieve local call which is not suitable for local switch. FIGURE 2

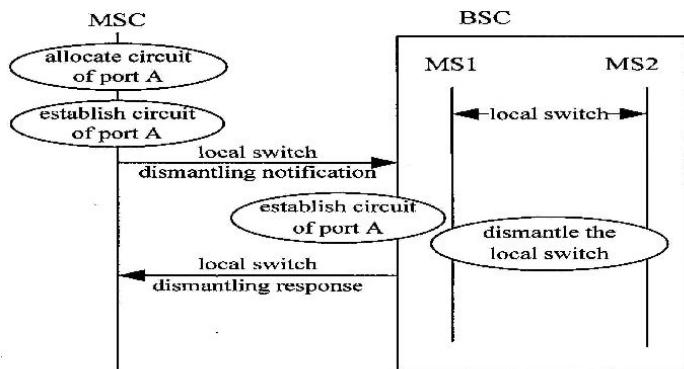


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.7538/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A COMMUNICATIONS PROCESS, DEVICE AND SYSTEM

(51) International classification	:G01R 22/10
(31) Priority Document No	:2009901397
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000367
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/111738
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FREESTYLE TECHNOLOGY PTY LTD

Address of Applicant :UNIT 1, BUILDING A, 18-24
RICKETTS ROAD, MOUNT WAVERLEY, VICTORIA, 3149
AUSTRALIA

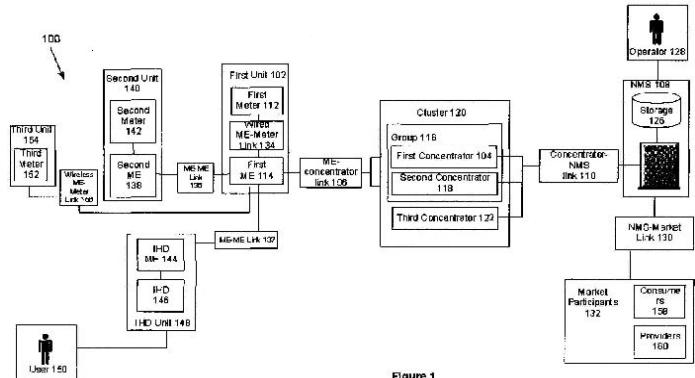
(72)Name of Inventor :

1)ANDREW PAUL DONAGHEY

2)DAVID VICTOR OCTAVE LE BLANC

(57) Abstract :

A method executed by a concentrator connected between a plurality of remote units and a management server, the method including:
(i) receiving and storing properties data associated with a remote unit including a microengine and a meter for measuring usage of a resource at a customer's premises, the properties data representing a profile of the remote unit; (ii) receiving message data representing a request associated with the remote unit from the management server; (iii) generating response data representing a response to the request based on the message data and the stored properties data; and (iv) sending the response data to one of the remote unit and the management server, as determined by the request based on the message data. FIGURE 1



No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7994/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IRON VANADIUM POWDER ALLOY

(51) International classification	:C22C 33/02
(31) Priority Document No	:0950180-0
(32) Priority Date	:20/03/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050282
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/107372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HOGANAS AKTIEBOLAG (PUBL)

Address of Applicant :S-263 83 HOGANAS SWEDEN

(72)Name of Inventor :

1)BENGSSON, SVEN

(57) Abstract :

A water atomised prealloyed chromium-free, iron-based steel powder which comprises by weight-%: 0.05-0.4 V, 0.09-0.3Mn, less than 0.1 Cr, less than 0.1 Mo, less than 0.1 Ni, less than 0.2 Cu, less than 0.1 C, less than 0.25 O, less than 0.5 of unavoidable impurities, the balance being iron.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7995/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PROCESSING A FREQUENCY BAND BY A WIRELESS COMMUNICATION DEVICE AND CORRESPONDING DEVICE.

(51) International classification	:H04W 48/16
(31) Priority Document No	:0952465
(32) Priority Date	:15/04/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2010/054860 :14/04/2010
(87) International Publication No	:WO 2010/119048
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ST-ERICSSON (FRANCE) SAS

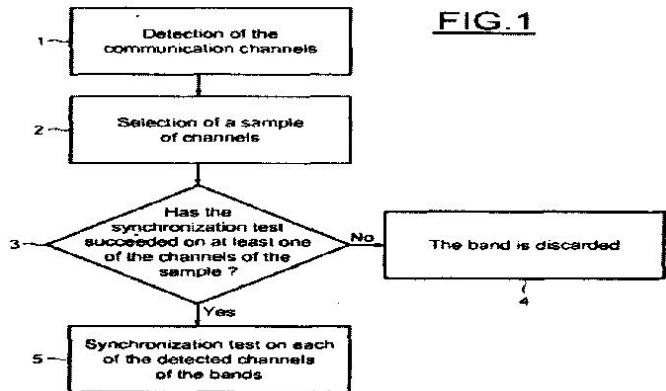
Address of Applicant :12 RUE JULES HOROWITZ, F-38000 GRENOBLE, FRANCE

(72)Name of Inventor :

1)MADELAINE, SEBASTIEN

(57) Abstract :

Method for processing a frequency band by a wireless communication device and corresponding device The method for processing a frequency band likely to contain communication channels comprises a detection (1) of the potential communication channels of the said band; the method also comprises a selection (2) of a sample of these detected potential channels, a synchronization test (3) on the channels of the said sample and a rejection (4) of the frequency band if all the synchronization tests have failed.



No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7996/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : OIL FILTER

(51) International classification	:B01D 35/30
(31) Priority Document No	:12/406,878
(32) Priority Date	:18/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027007
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/107657
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUBBARD, CHRISTOPHER M.

Address of Applicant :10799 SOUTHVIEW RIDGE LANE SE, JEFFERSON, OREGON 97352, U.S.A.

(72)Name of Inventor :

1)HUBBARD, CHRISTOPHER M.

(57) Abstract :

An oil filter assembly is disclosed for a machine, such as an internal combustion engine, that has oil output and input ports. A mounting plate is fixed with an outer enclosure and is adapted for securing to the machine and conducting oil therefrom into a peripheral portion of the outer enclosure, and then returning oil from a central portion of the outer enclosure back to the machine. Oil may pass from the peripheral portion to the central portion through a primary filter having a first porosity. Oil may pass through a pressure-actuated valve fixed fluidly between the peripheral portion and central portion of the outer enclosure only when an oil pressure differential exceeds a predetermined threshold pressure. A secondary filter has a second porosity greater than the first porosity, and is fixed fluidly between the pressure-actuated valve and the central portion of the outer enclosure.

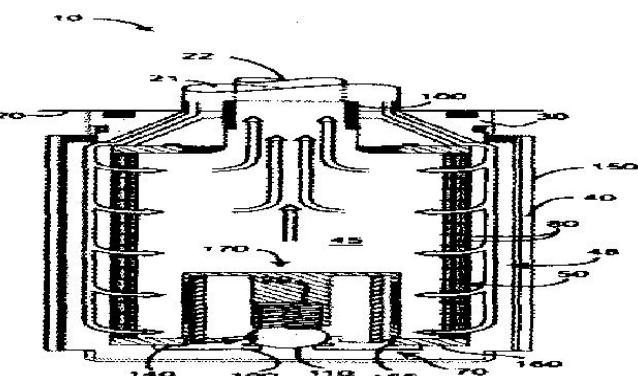


FIG. 1A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7981/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SLUDGE HYDROLYSIS APPARATUS, METHOD USING THE SAME AND CONTACT TYPE HEAT EXCHANGE UNIT AND STEAM TYPE HEAT EXCHANGE UNIT PROVIDED AT THE SLUDGE HYDROLYSIS APPARATUS

(51) International classification	:C02F 11/10	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0023282	1)KOREA WATER TECH. CO., LTD.
(32) Priority Date	:18/03/2009	Address of Applicant :C-103, ENVIRONMENT
(33) Name of priority country	:Republic of Korea	TECHNOLOGY BUSINESS INCUBATOR KOREA
(86) International Application No	:PCT/KR2010/001687	ENVIRONMENT INDUSTRY TECHNOLOGY INSTITUTE
Filing Date	:18/03/2010	613-2, BULGWANG-DONG, EUNPYEONG-GU SEOUL 122-
(87) International Publication No	:WO 2010/107263	871, REPUBLIC OF KOREA
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PARK, KYEUNG-SIK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sludge is continuously hydrolyzed using steam. In this process, the low temperature sludge and the hydrolyzed high temperature sludge exchange heat to reduce the energy used for heating the low temperature sludge. Also, a device for cooling the high temperature sludge is not necessary.

No. of Pages : 105 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7983/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FLAT PUSH COKE WET QUENCHING APPARATUS AND PROCESS

(51) International classification	:C10B 39/00
(31) Priority Document No	:12/405,269
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021094
Filing Date	:15/01/2010
(87) International Publication No	:WO 2010/107513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC.

Address of Applicant :PARKSIDE PLAZA, 11400 PARKSIDE DRIVE, KNOXVILLE, TENNESSEE 37934, U.S.A.

(72)**Name of Inventor :**

1)BARKDOLL, MICHAEL, P.

(57) Abstract :

A method and apparatus for quenching metallurgical coke made in a coking oven. The method includes pushing a unitary slab of incandescent coke onto a substantially planar receiving surface of an enclosed quenching car so that substantially all of the coke from the coking oven is pushed as a unitary slab onto the receiving surface of the quenching car. The slab of incandescent coke is quenched in an enclosed environment within the quenching car with a plurality of water quench nozzles while submerging at least a portion of the slab of incandescent coke by raising a water level in the quenching car. Subsequent to quenching the coke, the planar receiving surface is tilted to an angle sufficient to slide the quenched coke off of the planar receiving surface and onto a product collection conveyer and sufficient to drain water from the quenched coke.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7984/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRICAL SYSTEM USING HIGH FREQUENCY AC AND HAVING INDUCTIVELY CONNECTED LOADS, AND RELATED POWER SUPPLIES AND LUMINAIRES'

(51) International classification	:H05B 33/08
(31) Priority Document No	:0904719.2
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050472
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/106375
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JUICE TECHNOLOGY LIMITED

Address of Applicant :2 MAPLE PARK, ESSEX ROAD,
HODDESDON ESSEX EN11 0EX, GREAT BRITAIN U.K.

(72)**Name of Inventor :**

1)RIMMER, PHILIP, JOHN

2)SHERRINGTON, CAROLE

(57) Abstract :

Electrical systems comprising a power distribution system (la) for distributing high frequency AC power having a twisted pair conductor and power tapping element, for instance to an LED or OLED load. The electrical systems comprise an LED or OLED luminaire (lc) having a heat sink and a light diffusing optical element and power supplies for powering LEDs or OLEDs such as those used in the luminaire (lc).

No. of Pages : 90 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7985/DELNP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MICROFLUIDIC DEVICE FOR ISOLATION OF CELLS

(51) International classification	:B01L 3/00
(31) Priority Document No	:BO2009A000153
(32) Priority Date	:17/03/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/000615
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/106434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SILICON BIOSYSTEMS S.P.A.

Address of Applicant :VIA DEI LAPIDARI, 12, I-
BOLOGNA, ITALY

(72)Name of Inventor :

1)MEDORO, GIANNI

2)PEROZZIELLO, GERARDO

3)CALANCA, ALEX

4)SIMONE, GIUSEPPINA

5)MANARESI, NICOLO

(57) Abstract :

A microfluidic system (1) for the isolation of cells (C1) of at least one given type from a sample; the system (1) comprises a separation unit (3), for transferring at least part of the cells (C1) of the given type from a main chamber (4) to a recovery chamber (5) in a substantially selective way with respect to further cells (C2) of the sample; two valves (9,10) are set upstream and downstream of the main chamber (4); two valves (11,12) are set upstream and downstream of the recovery chamber (5); a control assembly (23) is designed to govern the aforementioned valves (9,10,11,12); the system (1) proposed enables isolation of the cells with a high degree of reproducibility and precision.

No. of Pages : 94 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1794/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ITCH FREE PROCESS FOR WOOLLENS TO BE WORNED NEXT TO THE SKIN

(51) International classification	:A41D1/00	(71) Name of Applicant : 1)WOOL RESEARCH ASSOCIATION Address of Applicant :P.O.SANDOZ BAUGH, KOLSHET ROAD, THANE-W,400 607,MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MR.MANAS KANTI BARDHAN 2)DR.CHANDRASHEKHAR WAMAN ACHARYA 3)MR.JAYANT SUBHASH UDAKHE
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Even the finest wools like Merino, Pashmina, Cashmere, etc suffer from inadequacies of creating uncomfortable itching sensation to the wearer when worn next to skin. Per se, woollen garments require an intermediate garment made of cotton or other fibres next to the skin to avoid direct contact with the sensitive human skin to avoid itching when worn. Prickling due to woollen garments is mainly attributed to the small percentage of coarse fibres present in the yarn, which apply some force on the skin without bucking. Itching is the combination of this pricking effect and the friction between wool fibre and skin. The surface sharp scales present on the wool fibres, when comes in contact with skin, cause friction between garment and body. These two effects in combination make the woollen garments uncomfortable, when worn next to skin. In this invention prickling force and the friction of fibre with human skin were minimize or eliminated using plasma/ enzyme/other degradative processes/ polymer and softener treatments on the knitwears. User trials confirmed that, the knitwears so prepared are completely itch free.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1795/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR ULTRASOUND ASSISTED SCOURING OF RAW GREASY WOOL

(51) International classification	:D06B 23/00	(71) Name of Applicant : 1)WOOL RESEARCH ASSOCIATION Address of Applicant :P.O.SANDOZ BAUGH, KOLSHET ROAD, THANE-W,400 607,MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wool is a natural fibre which in raw form comprises nearly 30% of its weight by contaminants. These impurities need to be removed before any further processing. This is done by scouring the wool. The conventional methods of wool scouring utilize high amount of chemicals, detergent, alkali etc which create some serious problems; both, for the environment and the industry during effluent treatment and disposal. These drawbacks of the existing scouring process have been addressed time and again with the development in newer technologies; however most of the technologies have not been successful. This invention presents an improved method for scouring of raw greasy wool with the help of ultrasound technology. According to the present invention, the scouring efficiency of raw wool significantly increases when ultrasonic irradiations generated by immersible type tube resonators are introduced in to the scouring bowl. The tube resonators create compression and rarefaction waves in the liquid medium. During the rarefaction phase of the wave, the liquid molecules are stretched apart leading to formation of millions of microscopic bubbles which implode as the compression wave reaches towards them. These implosions liberate vast amount of energy in the form of micro-jets (micro streaming) of liquid. When these micro-jets collide with the wool fibre surface, they take away even the tightly bound impurities from the fibres. This mechanical energy of imploding cavities creates a micro-brushing sort of an action and accelerates the cleaning action of chemicals like detergent and alkali. Hence, the scouring temperature, time and consumption of chemicals can be reduced with ultrasound assisted scouring. Moreover, the whiteness and bulkiness of the ultrasonically scoured wool also get improved alongwith reduced entangling of fibres.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1810/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : UNIFIED CLEARING SYSTEM

(51) International classification	:G06Q30/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)M., ANAND
(87) International Publication No	:N/A	2)KUMAR , GANESH
(61) Patent of Addition to Application Number	:NA	3)J ., THARANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a computer implemented method of clearing trades. The method includes receiving an information set from an entity for carrying out a trade in a tradable instrument, the information set includes at least one attribute of an offer made by the entity, identifying at least one trade type amongst a plurality of trade types based on the information set, and clearing the trade based on the trade type by at least computing a value of at least one obligation arising out of the trade.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1801/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AGGREGATE, A PROCESS OF MAKING THE AGGREGATE AND A PROCESS FOR MAKING A MOLDED ARTICLE THERE FROM.

(51) International classification	:B29C 43/18	(71) Name of Applicant : 1)PAREKH CHIRAG Address of Applicant :ASWANILA,DEVI BHUVAN VICTORIA PARK ROAD,BHAVNAGAR-364002, GUJARAT,INDIA. 2)PAREKH ASHWIN
(31) Priority Document No	:NA	(72) Name of Inventor : 1)PAREKH CHIRAG 2)PAREKH ASHWIN
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure an aggregate which provides improved properties such as aesthetics, glitter and abrasion resistance to the articles made there from. The aggregate is prepared using acrylic resin matrix and at least two different filler particles having significant difference in their densities. The fillers particles are selected from the high density group consisting of alumina, silicon carbide, carborandom, antimony trioxide, magnesium carbonate, zirconium powder , alumina particles, aluminum powder, copper powder, brass powder, silver powder, bronze powder, calcium carbonate and low density group consisting of silica, silica sand, quartz granite sand, sea sand, emery,, powdered agate, slate, zircon, agate, vermiculite, granite, nano clay, marble, wallastonite, limestone, bentonite, gypsum, mica and naturally occurring crystalline material. The higher density compounds being in the range of 50 to 70% of the total mass of the fillers. Further, the filler particles have Mohs hardness of more than 9, which further leads to improved properties such as hardness and reduced bending properties

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1815/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE FOR ROASTING CORN ON COB

(51) International classification	:A21B5/00	(71) Name of Applicant : 1)BIPIN PRABHAKAR DESHPANDE Address of Applicant :43/19,KARVE ROAD,ERANDAVANE, PUNE-411 004, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a device for roasting food, especially com-on-cob. The said device comprises one or more cylindrical heating chamber adapted in a housing for roasting a com-on-cob electrically, a holding means to hold the com-on-cob inside the heating chamber, and a controller means for controlling heating and setting a time duration for roasting the corn-on-cob in the chamber. The com-on-cob gets roasted evenly as it is surrounded by the heating chamber. The roasting device can be used for other foods also.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1816/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR REAL ESTATE EXCHANGE AND INVESTMENT

(51) International classification :G06Q30/06G06Q40/00G06Q50/00
(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)Sandip Dadkar

Address of Applicant :Unit No. 101-102 First Floor Weikfield IT CITI INFO PARK Weikfield Estates Pune Nagar Road Pune 411 014 MAHARASHTRA India

(72)Name of Inventor :

1)Sandip Dadkar

(57) Abstract :

The present invention includes methods and systems of monetizing appreciation and improving fungibility of real property assets. Some embodiments of the present invention provide a method and system for establishing real estate units (RU) representative of the value of real property assets. The system includes a central server accessible via a network having a processor, software, random memory, and data storage hardware. The data storage hardware stores a database having data pertaining to a plurality of real estate assets and transforms the data to unitize real estate units reflective of the value by classifying the real estate assets into asset classes. Transformed data includes a saleable area of each property and an initial price for the real estate units based on the asset classes and saleable area. Accordingly, the server enables trading of the real estate units via the network.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1817/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INSULIN POTENTIATING EFFECT EXTRACT

(51) International classification	:A01N65/40 A61K36/906 A61K9/14 NA NA NA NA NA NA NA NA NA	(71) Name of Applicant : 1)MR.PRAMOD SURESH KASHID Address of Applicant :C/5/17/4/2, EKATA APT. SECT.-3, CBD BELAPUR, NAVI MUMBAI-400614. Maharashtra India 2)N/A
(31) Priority Document No	NA	(72) Name of Inventor : 1)MR.PRAMOD SURESH KASHID 2)N/A
(32) Priority Date	NA	
(33) Name of priority country	NA	
(86) International Application No	NA	
Filing Date	NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	NA	
Filing Date	NA	
(62) Divisional to Application Number	NA	
Filing Date	NA	

(57) Abstract :

Extract Combinations: 1. Aqueous extracts of Eugenia Jambolana + Momordica Charantia (1:1) 2. Aqueous extract Eugenia Jambolana+ Momordica Charantia + Gmelina Arborea (1:1:1) The study was done to assess the insulin potentiating effect of aqueous extract of Eugenia Jambolana (seed), Momordica charantia (fruit) and Gmelina arborea (bark).The aqueous extract of Momordica Charantia (fruit), Eugenia Jambolana (seeds) and Gmelina Arborea (bark) combined in a ration of 1:1:1. Also one more combination tested was aqueous extracts of Eugenia Jambolana. + Momordica Charantia in a ration of 1:1. In this study, the hypoglycemic effect of combined extract along with insulin was studied in alloxan-induced hyperglycemic rat model. After confirming stable hyperglycemia on day 8, the animals were divided in to three groups i.e two test and one control group. One group received 0.5 IU insulin, other group received 0.5 IU insulin and 500 mg/kg of extract and control group received normal water. Blood sugar was determined at 30, 60, 90, 120, 180 and 240 minutes for each group. The combined extract has significantly potentiated the hypoglycemic effect of insulin at 120, 180 and 240 minutes. The combined extract of Eugenia jambolana+ Momordica charantia+ Gmelina arborea potentiate hypoglycemic the activity of insulin and Also the combined extract of Eugenia jambolana + Momordica charantia significantly potentiate the hypoglycemic effect of insulin. Key Words: Eugenia jambolana (EJ), Momordica charantia (MC), Gmelina Arborea, (GA), toxicity

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1803/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD TO CONTAIN THE SOFTENING AND STICKING TENDENCY OF BEE HIVE COKE WHEN CHARGED IN A WORKING LOW SHAFT BLAST FURNACE AS PARTIAL REPLACEMENT OF METALLURGICAL COKE BY ENCASING BEE HIVE COKE LUMPS IN A THICK PASTE CONTAINING IRON ORE FINES COKE FINES AND STEEL ALAG FINES WITH CEMENT AS BINDER

(51) International classification	:C10B 9/00	(71) Name of Applicant : 1)CHITLANGIA UMESH Address of Applicant :C/O. POLYBOND INSULATION PVT.LTD.,56(A)/17 NEHRU NAGAR WEST BHILAI (C.G) (4900020) Chattisgarh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)SHARMA GOPAL NIDHI
Filing Date	:NA	
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHITLANGIA UMESH
Filing Date	:NA	2)SHARMA GOPAL NIDHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Production of iron and steel from blast furnace route in steel plants requires a special quality of coal known as metallurgical coal. India is deficient in the natural occurrence of this coal which the country imports which boosts the production cost very appreciably. However, there is appreciable occurrence of semi metallurgical coals in India. These are used to make semi metallurgical coke known as Bee Hive coke lumps in local industries. Bee Hive coke lumps if charged in a working low shaft blast furnace becomes soft and sticky when they get heated. The present invention provides a method to contain this adverse property by encasing the Bee Hive coke lumps in a thick paste containing iron ore, coke and steel slag fines with cement binder in water. Such encased coke lumps face heat of around 1000°C without softening or sticking and burn their carbon content when met with hot air blast, thus partially replacing metallurgical coke in production of liquid pig iron.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1804/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTI DISPLAY CENTRAL CARE-GIVER STATION WITH PHYSIOLOGICAL PARAMETERS ACQUISITION METHOD

(51) International classification	:G06Q50/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SATHIYAMOORTHY Arunkumar; 2)RAVINDRAN Nagarajan; 3)BENGALI Tejas;
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a central nursing station/ system to determine the various physiological paramaters / vital signs of patients. The system comprising plurality of patient monitor means , the each patient monior display comprises monitor network means; plurality of display means operatively connected with the patient monitor display means to display scalable various physiological parameters of various patients ; plurality of data network means opreatively connected with the pludisplay means ; a central server means opertively connected with the data network means adpated to store the data/information of the plurality of patient monitor means; pluarlity of hospital information system and PACS operaively connected with the central server means via a hub means to provide information/data to the server means and plurality of client means located remotely and connected with the storage means via the internet.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1805/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF FEBUXOSTAT CRYSTAL G

(51) International classification :A61K31/426A61P19/06C07D277/56
(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)Alembic Pharmaceuticals limited

Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India.

(72)Name of Inventor :

1)RAMAN Jayaraman Venkat

2)RATHOD Dhiraj

3)VOHRA Irfan

4)MODI Viral

(57) Abstract :

The present invention relates to a novel process for the preparation of crystal G of Febuxostat. The present invention particularly relates to a process for the preparation of crystal G of Febuxostat using a mixture of a ketone and water.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1819/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ANTHRACENYL TERPYRIDINE CU(II) COMPLEX OF FORMULA (I)

(51) International classification	:C07F1/08	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI-400076, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PROF. CHEBROLU PULLA RAO
(87) International Publication No	:N/A	2)CHINTA JUGUN PRAKASH
(61) Patent of Addition to Application Number	:NA	3)AMIT KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a copper (II) complex represented by the formula $M[L]_n[A]_m$ where, M is Cu^{2+} L is a tridentate ligand of formula II, optionally, the 9-anthracenyl group at 4' position of formula II may be substituted with a phenyl group or a pyrenyl group, n represents an integer of 1 or 2, A represents a biologically acceptable counter ion to $M[L]_n$, m represents an integer of 2, the tridentate ligand (L) of formula II represented as and the process for preparing said copper complex.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1798/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NOVEL SHORT CHAIN PEPTIDE ANALOGS OF HUMAN PROISLET PEPTIDES (HIP)

(51) International classification	:C07K 17/00	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER,SATELLITE CROSS ROAD, AHMEDABAD-380 015,GUJARAT,INDIA,
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BAHEKAR , RAJESH , H.
(87) International Publication No	:N/A	2)CHOPADE , RAJENDRA
(61) Patent of Addition to Application Number	:NA	3)JAIN , MUKUL , R.
Filing Date	:NA	4)PATEL , PANKAJ , R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides novel short chain peptides, which primarily act as Human proislet Peptides (HIP) receptor agonist. These novel short chain peptide analogs related to HIP/INGAP sequence, suitably modified with unnatural amino acids so as to improve its metabolic stability and thereby longer duration of action, without affecting in vitro and in vivo potency/ efficacy. Some of the novel short chain peptide analogs exhibit increased metabolic stability against proteolytic enzymes as they were found to be stable in human plasma and blood > 2-4 hours (ex -vivo). These short chain peptides based HIP analogs are useful for the treatment or prevention of pathology associated with the impaired pancreatic function, including type 1 and/ or type 2 diabetes and other related conditions/ metabolic disorders. A-Z1 -Z2-Z3-Z4-Z5-Z6-Z7-Z8-Z9-Z10-Z11 -Z12-Z13-Z14-Z15-B (I)

No. of Pages : 132 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1799/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HEAT CONDUCTING PLATE CONFIGUREDD WITH A CAVITY FOR LOCATING A CONCENTRATOR CELL ASSEMBLY

(51) International classification	:F28D9/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SHAH , KIRAN
(32) Priority Date	:NA	Address of Applicant :A-4,SPRING FLOWER
(33) Name of priority country	:NA	APARTMENTS, PANCHVATI,PASHAN,PUNE-411008,
(86) International Application No	:NA	MAHARASHTRA India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)SHAH , KIRAN
(61) Patent of Addition to Application Number	:NA	2)AKKALKOTKAR , PRASANNA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat conducting plate for facilitating optical and mechanical coupling between an optical element and a solar cell die of at least one concentrator cell assembly and a method for assembling of a solar cell assembly, of which the heat conducting plate is a part of is disclosed. The solar cell assembly includes the optical element, the concentrator cell assembly, and an optical coupler. The heat conducting plate includes a depression and at least one groove provided on the operative top face thereof. The depression receives the concentrator cell assembly and restrains movement of the concentrator cell assembly for locating and aligning the solar cell die with respect to the optical element. The at least one groove circumscribes the depression and receives the optical element just above the solar cell die. The concentrator cell assembly includes a solar cell die, a substrate and electrical conductors.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1807/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADJUSTABLE & PEDAL SYSTEM

(51) International classification	:B60T7/04 B60T7/06 G05G1/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER,MUMBAl-400001, MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JHA , PANKAJ KUMAR
(33) Name of priority country	:NA	2)SUBRAMANIYAM , SENDHILNATHAN
(86) International Application No Filing Date	:NA	3)BHAGWAT , VISHWANATH VISHNU
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention is an adjustable pedal system for use in accelerator or break systems. The preferred embodiment is described in terms of a foot operated pedal system used for the accelerator system. It comprises two separable assemblies joined together by a hinged pin. One assembly is a foot accelerator lever assembly comprising a foot lever, a sleeve and a foot actuator assembly. The Foot actuator assembly and the foot accelerator lever are welded on the sleeve at desired angle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1809/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF FLUVOXAMINE.

(51) International classification	:C07C251/58	(71) Name of Applicant : 1)TORRENT PHARMACEUTICAL LTD. Address of Applicant :TORRENT HOUSE, OFF ASHRAM ROAD,NEAR DINESH HALL, AHMEDABAD 380 009, GUJARAT,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAKESH SHETH , VIJENDER GUPTA, VISHWANATH NANDE, NAVNEET JOSHI , SHAIVAL SHAH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a controlled release pharmaceutical composition comprising a single particle population comprising fluvoxamine or pharmaceutically acceptable salts thereof and at least one pharmaceutically acceptable excipient.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1824/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : OPTIMIZATION OF RESOURCES

(51) International classification	:H04L12/24 H04W24/02 H04W28/02	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI MH 400021,MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GUPTA , ANKITA
(33) Name of priority country	:NA	2)JAISWAL , VIJAY ASHISH
(86) International Application No Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An optimization system (102) and a method (200) for achieving optimization of resources are described herein. According to an incrementation, the method (200) includes providing a first questionnaire pertaining to a first occupation set and determining at least one first occupation from the first occupation set based on a response to the first questionnaire. In said implementation, the first occupation involves deployment of a resource for a first period. Further, a second questionnaire is provided, subsequent to the first questionnaire, wherein the second questionnaire pertains to a second occupation set. Based on the response to the second questionnaire, at least one second occupation from the second occupation set is ascertained. In said implementation, the second occupation involves deployment of the resource for a

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1826/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A PIVOT FOR A SOLAR TRACKING DEVICE

(51) International classification	:F24J 2/00	(71)Name of Applicant : 1)SHAH , KIRAN Address of Applicant :A-4,SPRING FLOWER APARTMENT, PANCHVATI,PASHAN PUNE-411008, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)SHAH , KIRAN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hinge for solar tracking apparatus is disclosed. The hinge includes a first mounting plate, a second mounting plate and a plurality of connecting elements. The first mounting plate has a pair of beveled or curved side faces. The second mounting plate has a pair of beveled or curved side faces. The plurality of connecting elements connect the first mounting plate to the second mounting plate in a spaced apart configuration, wherein each of the plurality of connecting elements connects diagonally opposite side faces of the first mounting plate to the second mounting plate. The hinge facilitates the solar tracking apparatus to track the Sun.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1827/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A COMPUTER IMPLEMENTED INTERACTIVE SYSTEM FOR FACILITATING ALUMINIUM SMELTING ANALYSIS AND OPTIMIZATION.

(51) International classification	:G06F17/00	(71) Name of Applicant : 1)ADITYA BIRLA SCIENCEAND TECHNOLOGY CO.LTD. Address of Applicant :ADITYA BIRLA CENTRE,S K AHIRE MARG, WORLI,MUMBAI 400025,MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	2)HINDALCO INDUSTRIES LTD.
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MANKAR , JOGES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented system and a method for facilitating aluminium smelting analysis and optimization have been disclosed. The system analyses the various parameters of operating smelting cells in real-time and arrives at control actions to be taken to increase the performance of the cells. In addition, the system enables engineers/personnel to establish in advance various operating conditions for newly designed cells to do a test run before initiating the process in real-time. Also, the system provides a platform for operative training to engineers/personnel and also facilitates them in understanding the technical details of the aluminium smelting process and the impact of changes done to various parameters on the performance of the smelting cell.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1828/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TRIPLE-EFFECT VAPOR ABSORPTION REFRIGERATION SYSTEM

(51) International classification	:B01D3/10 B01D5/00 B01D53/14	(71) Name of Applicant : 1) THERMAX LIMITED Address of Applicant : D-13,MIDC INDUSTRIAL AREA, R.D.AGA ROAD,CHINCHWAD, PUNE-411 019, MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1) RADHAKRISHNAN BALU
(33) Name of priority country	:NA	2) PANNEERSELVAM BABU
(86) International Application No Filing Date	:NA	3) SWAPNA KULKARNI
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A triple-effect vapor absorption refrigeration system (100) is disclosed. The system (100) comprises a high temperature generator (102), a medium temperature generator (104), and a low temperature generator (106), for concentrating a dilute Li-Br solution from an absorber (110), through a flow path from the high temperature generator (102) to the low temperature generator (106) via the medium temperature generator (104). In the system (100) maximum Li-Br solution temperature and maximum Li-Br solution concentration does not occur simultaneously, hence, Li-Br corrosion rate is reduced and minimum non-condensable gases are generated, this helps in maintaining vacuum during operation thus providing a smoother operation.

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1829/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AN ELECTRONIC GAME MACHINE OR CONSOLE, SYSTEM AND METHOD THEREOF.

(51) International classification	:A63F13/00	(71) Name of Applicant : 1)STRATEGY GAMES PRIVATE LIMITED Address of Applicant :A-46, ROAD NO.2, MIDC, ANDHERI (EAST), MUMBAI-400 093 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VINAY REDDY
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is a gaming machine; device or system and method which is configured to present the game of the invention. In one embodiment, the gaming machine is configured to present the game, preferably in response to a player placing a BID. A server of the machine may either generate or accept game data and display game information via a display to the player. In the event the outcome of the game is the winning outcome, the player may be awarded an award. Preferably, the server is then configured to present one or more additional or later games using an enhanced pay table or award structure, in the manner described above. Multiple machines may be linked and associated with common progressive pools.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1812/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A KEY FOR PIN TUMBLER LOCK

(51) International classification	:E05B27/02	(71) Name of Applicant : 1)GODREJ & BOYCE MFG . CO.LTD. Address of Applicant :LOCKS DIVISION(PLANT-18) PIROJSHANAGAR,VIKHROLI, MUMBAI-400 079 MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a key for pin tumbler lock, the pin tumbler lock having a cylinder shaped pin tumbler and plurality of locking pins for facilitating proper locking when correct key is inserted, the key comprising: an elongated cylindrical shank having two ends named first end and second end; a key crown being provided at the first end of the elongated cylindrical shank, the key crown being adapted to hold the key firmly by a user and apply torque while operating the lock with key; and a key blade being provided at the second end of the elongated cylindrical shank, the key blade having top surface, bottom surface and two side surfaces, the top surface is flat and having plurality of grooves, the side surfaces are flat and one of the side surface having plurality of grooves varying in depth and being arranged in space apart relationship, the bottom surface having curved region at middle being adapted to slide on the pin tumbler to facilitate the engagement of locking pins with the grooves of top and side surfaces.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2012

(21) Application No.284/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : REINFORCEMENT ELEMENT FOR ABSORBING FORCES IN CONCRETE ELEMENTS WHICH ARE SUPPORTED BY SUPPORT ELEMENTS

(51) International classification	:E04B 5/43	(71) Name of Applicant :
(31) Priority Document No	:11154442.5	1)F.J. Aschwanden AG
(32) Priority Date	:15/02/2011	Address of Applicant :Grenzstrasse 24 3250 Lyss Switzerland.
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)KELLER Thomas
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 reinforcement element (3) for absorbing forces in concrete elements (1) that are supported by support elements (2) consists of a longitudinally stable, flexible longitudinal element (4). This element is placed in recesses (6) in the concrete element (1) which are disposed in such a way that in the region of the support element (2) the reinforcement element (3) runs in the area (7) of the concrete element (1) remote from the support element (2). The end regions (8) of the reinforcement element (3) each run at an acute angle α toward the surface (9) of the concrete element (1) turned toward the support element (2), and exit from the concrete element (1). Both end regions (8) of the longitudinally stable, flexible longitudinal element (4) are diverted around the respective exit edge (10) of the recesses (6), are led into a tensioning device (12), are held therein, and can be tensioned with respect to one another. The reinforcement element (3) thereby forms a closed loop; the arising forces can be absorbed in an optimal way.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.2885/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : APPARATUS FOR MANUFACTURING PLASTIC CONTAINERS WITH VARIABLE STATION DEACTIVATION

(51) International classification	:B29C 49/08	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5,93073 NEUTRAUBLING, GERMANY
(31) Priority Document No	:10 2010 048417.2	(72) Name of Inventor : 1)KONRAD SENN
(32) Priority Date	:15/10/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus (1) for manufacturing plastic containers with a heating device (2) for heating plastic preforms (10) and a shaping device (4) for shaping plastic preforms into plastic containers, which shaping device is located downstream of the heating device (2) in a transportation direction of the plastic preforms, and with a transportation device (6), which transports the plastic preforms separately through the heating device (2) by means of a multiplicity of transport elements (14). Herein, the apparatus (1) is equipped with a stopper device (8) for temporary interruption of the flow of plastic preforms (10) to the heating device (2), wherein this stopper device (8) enables an interruption of the flow for individual plastic preforms (10). According to the invention, the heating device (2) is equipped with a multiplicity of heating elements (18) to heat individual plastic preforms (10) or groups of plastic preforms (10).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1820/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : OPTIMIZED SOFTWARE DEVELOPMENT

(51) International classification	:G06F9/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA
India

(72)Name of Inventor :

1)MEERMEERA , JAYARAM

2)GOEL , RUPESH

3)DANI , JAYANT

(57) Abstract :

A method (300) and a computing system (102) for optimized software development are described herein. In an implementation, according to the method (300), specifications of a repetitive-use software asset are published on an open platform over a network (106) to acquire a demand parameter associated with the repetitive-use software asset. The demand parameter is acquired based on the specifications of the repetitive-use software asset. Based on the demand parameter associated with the repetitive-use software asset, a use-commitment indicator is obtained. The use-commitment indicator indicates a commitment for using the repetitive-use software asset. Further, a recommendation for developing the software asset is generated based on the use-commitment indicator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2011

(21) Application No.2566/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : APPARATUSES AND METHODS FOR COORDINATING CIRCUIT SWITCHED (CS) SERVICES IN PACKET TRANSFER MODE(PTM)

(51) International classification	:H04L 12/50	(71)Name of Applicant : 1)MEDIA TEK INC. Address of Applicant :NO.1,DUSING RD.1ST,SCIENCE-BASED INDUSTRIAL PARK,HSIN-CHU 300,TAIWAN
(31) Priority Document No	:13/168,259	(72)Name of Inventor :
(32) Priority Date	:24/06/2011	1)CHEN-HSUAN LEE
(33) Name of priority country	:U.S.A.	2)CHIN-HAN WANG
(86) International Application No Filing Date	:NA :NA	3)CHU-CHING YANG
(87) International Publication No	:N/A	4)CHANG-KUAN LIN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)CHIH-YUNG SHIH
(62) Divisional to Application Number Filing Date	:NA :NA	6)CHUN-SHENG LEE
		7)CHIA-YI HUANG
		8)YI-TING CHANG
		9)SIAN-JHENG WONG
		10)SHIH-HSIN CHIEN

(57) Abstract :

A wireless communications device is provided with a baseband chip capable of coordinating operations between circuit-switched (CS) and packet-switched (PS) services with different subscriber identity cards. The baseband chip is configured to perform a packet switched (PS) data service associated with a second service network, sacrifice a portion of data transceiving from/to the second service network to monitor a channel associated with a first service network during the PS data service, so as to receive message from the first service network or maintain mobility in the first service network.

No. of Pages : 88 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2864/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AIRCRAFT HAVING A VARIABLE GEOMETRY

(51) International classification	:B64B 158	(71) Name of Applicant : 1)EADS DEUTSCHLAND GMBH Address of Applicant :WILLY-MESSERSCHMITT-STRASSE,D-85521 OTTOBRUNN,GERMANY
(31) Priority Document No	:10 2010048139.4	
(32) Priority Date	:11/10/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)JOST SEIFERT
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an aircraft (10) having a variable geometry for adapting the flight characteristics to different flight situations, comprising a fuselage (12) with a pair of wings (14) projecting therefrom on both sides in the transverse direction (y), each of which wings has an inner wing section (16) arranged stationarily with respect to the fuselage (12) and an outer wing section (20) adjacent thereto and pivotable about a pivot axis (18). Such aircrafts known from the prior art as swing-wing aircrafts have a number of disadvantages. With the invention, an alternative concept is proposed in which the pivot axis (18) is oriented in a direction which deviates from the longitudinal direction (x) of the aircraft (10) by a maximum of 40°, thus, e.g., is substantially oriented in said longitudinal direction (x). Therefore, it is advantageously possible to implement e.g. an aerodynamic pivoting drive, and/or a conflict of objectives between an aircraft shape with low radar signature and the possibility of an energy-efficient cruise flight and agile flight characteristics can be mitigated.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.2900/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TUBE GRIPPER FOR CROSS-WOUND BOBBIN DOFFING ASSEMBLY

(51) International classification	:D01H 9/02
(31) Priority Document No	:102010049432.1
(32) Priority Date	:23/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY

(72)Name of Inventor :

1)STEFAN BUNGTER

(57) Abstract :

The invention relates to a tube gripper for a cross-wound bobbin doffing assembly with a tube holder stationarily fastened to a base construction of the tube gripper to receive and position an empty tube, and with a gripper finger movably mounted with respect to the tube holder and configured as a counter-clamping lever to fix the empty tube while it is being transferred from an empty tube store particular to the workstation into a pivotably mounted creel of a workstation of a textile machine producing cross-wound bobbins. According to the invention it is provided that the tube gripper (31) has two 3-point clamping devices (38A or 38B) arranged spaced apart to fix and orient an empty tube (14), the two 3-point clamping devices (38A or 38B) in each case being formed by the tube holder (27), a movably mounted contact lever (39A or 39B) and a movably mounted counter-clamping lever (40A or 40B) and each of the contact levers (39A or 39B) being positively coupled to the associated counter-clamping lever (40A or 40B) in such a way that when the 3-point clamping devices (38A or 38B) are closed to fix an empty tube (14) received from an empty tube store (13), a defined orientation of the rotational axis (62) of the received empty tube (14) takes place in accordance with a predetermined tube format so that the rotational axis (62) of the empty tube (14) in the region of a tube transfer position coincides with the rotational axis of the tube receiving plates of the creel (20) of the associated workstation (2).

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1825/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VORTEX TUBE ASSISTED COOLING OF ELECTRONIC CONTRL UNIT

(51) International classification	:G01F1/32	(71) Name of Applicant : 1)KIRLOSKAR OIL ENGINES LIMITED Address of Applicant :KIRLOSKAR OIL ENGINES LIMITED, LAXMANRAO KIRLOSKAR ROAD, KHADKI,PUNE 411003 MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vortex tube assisted cooling system for cooling electronic components used in internal combustion engines, particularly for cooling at least one Electronic Control Units (ECU) by tapping air at high pressure from at least one turbo charger and supplying it to at least one vortex tube where the air is cooled and connected by a pipe to a diffuser, preferably as short as possible and insulated to avoid any heat losses therein, and said cooled air is diffused on the ECU surface using at least one diffuser, thereby cooling the temperature of the ECU surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1831/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR ESTIMATING HUMAN UPPER BODY POSE FROM SINGLE IMAGE

(51) International classification	:G06K9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PANDE NIPUN
(87) International Publication No	:N/A	2)GUHA PRITHWIJIT
(61) Patent of Addition to Application Number	:NA	3)JAIN MAYANK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application provides system and method for estimating at least one upper body pose of at least one individual in a single image. The proposed system and method for estimating upper body pose of the individual in the single image which: do not require extensive training data for estimating human upper body poses in the single image; require only gradient information to localize the torso and the limbs; do not rely on figure-ground segmentation information; and independent of clothing or skin color constancy related assumptions for estimating human upper body poses in the single image.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.2856/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DRIP TAPE MANAGEMENT

(51) International classification	:B02C 19/00	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE,MOLINE,ILLINOIS,61265, U.S.A.
(31) Priority Document No	:12/904,487	
(32) Priority Date	:14/10/2010	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor : 1)ANDERSON, NOEL WAYNE
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The illustrative embodiments of the present invention provide a method and apparatus for managing drip tape. A vehicle is configured to move across a field. A drip tape collection system is associated with the vehicle configured to raise a portion of the drip tape from the ground in a field. A chopper is configured to separate the portion of the drip tape received from the drip tape collection system into a plurality of pieces and enable the plurality of pieces to decompose.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2936/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR MONITORING CONTACT SESSIONS OF A CONTACT CENTRE

(51) International classification	:H04M3/00	(71) Name of Applicant :
(31) Priority Document No	:12/907,678	1)AVAYA INC
(32) Priority Date	:19/10/2010	Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)O'CONNOR NEIL
Filing Date	:NA	2)MCCORMACK, TONY
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for monitoring contact sessions of a contact center. The system comprises a work assignment engine for allocating contacts received at the contact center to resources of the contact center and a monitoring module, arranged to detect an allocation of a contact to a resource to determine a skill requirement of the contact. The work assignment engine is further arranged to fork a session between an originator of the contact and the resource, to a monitor resource, in response to the detected skill requirement satisfying a monitor resource skill requirement.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/01/2012

(21) Application No.294/MUM/2012 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FEED AND LOAD UNIT

(51) International classification	:B65H1/00
(31) Priority Document No	:102011010152.7
(32) Priority Date	:02/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GROB-WERKE GMBH & CO. KG

Address of Applicant :INDUSTRIESTRASSE 4, D-87719
MINDELHEIM GERMANY

(72)Name of Inventor :

1)H. C. BURKHART GROB

(57) Abstract :

The invention refers to a feed and load unit serving for feeding or removing one or more work pieces in the machining chamber of a machine tool for machining purposes. For this the feed and load unit comprises at least two work piece carriers movably on a guide path. The work piece carrier serves for picking up at least one work piece. In the guide path a guide path section/ angularly or diagonally to the direction of conveying of the work pieces on the guide path, movably by a drive is, provided. The guide path section is able to pick up at least one work piece carrier. The guide path section is shifted for loading and unloading purposes in the direction of the machining chamber.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.2886/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THIN ELECTRICAL SWITCH

(51) International classification	:H01H 3/02	(71) Name of Applicant : 1)COACTIVE TECHNOLOGIES, LLC; Address of Applicant :15 RIVERDALE AVENUE,NEWTON,MA 02458, U.S.A
(31) Priority Document No	:1059221	
(32) Priority Date	:09/11/2010	
(33) Name of priority country	:France	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)COUR MICHEL
(87) International Publication No	:N/A	2)VILLAIN JEAN CHRISTOPHE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes an electrical switch which comprises a top metal support plate (14), a triggering member (16) bearing on a bottom (38) of a recess (40), a bottom metal contact plate (10) that has a fixed central contact region (62), and an adhesive fixing insulating sheet (12), which is arranged between a peripheral portion of the bottom face (26) of the top support plate (14) and a peripheral portion of the top face (60) of the bottom contact plate (10) and which adheres by its two opposite faces (68, 70) to each of said two annular portions to form a means for fixing the top support plate (14) to the bottom contact plate (10).

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.2906/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A RAPID-ASSEMBLY BASE MOULD WITH AN ENGAGEABLE HOLDING FORCE ASSIST

(51) International classification	:B29C 33/16	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRÄBE 5,93073 NEUTRAUBLING,GERMANY
(31) Priority Document No	:10 2010 048 720.1	(72) Name of Inventor : 1)ERIK BLOCHMANN 2)MARIA LINDNER 3)CHRISTIAN WITTMANN
(32) Priority Date	:19/10/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for moulding plastic preforms into plastic containers, comprising at least one blow moulding station (1) having a cavity, within which the plastic preforms can be expanded into the plastic containers, wherein the blow moulding station (1) includes a base part (2) that delimits the cavity and wherein the base part (2) is releasably mounted on a carrier (6) by means of a fastening mechanism {10, 12, 14, 16, 18, 28}. According to the invention, the apparatus includes a force application member (10) to which an engageable force can be applied and which generates in a fixed condition of the base part (2) on the carrier (6) a holding force that keeps the base part (2) and the carrier (6) together.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.2909/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CLOSURE DEVICE FOR CONTROLLING EVAPORATIVE EMISSIONS FROM A FUEL TANK

(51) International classification	:B65D 51/16	(71)Name of Applicant : 1)KOHLER CO. Address of Applicant :444 HIGHLAND DRIVE,KOHLER,WISCONSIN 53044, U.S.A.
(31) Priority Document No	:61/405,505	
(32) Priority Date	:21/10/2010	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)ALEKO D.SOTIRIADES 2)TROY TIMOTHY FREDRICK BECKER
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A closure device, such as a fuel cap, for controlling evaporative emissions from a fuel tank, In one aspect, the invention comprises: a housing defining an internal chamber containing a hydrocarbon adsorbing media; a fuel vapor diffuser extending from a floor of the internal chamber and into the internal chamber, the fuel vapor diffuser comprising: (1) an inlet passageway extending from a fuel vapor inlet port to a plenum in a top portion of the fuel vapor diffuser; and (2) a downcomer passageway extending from the plenum to at least one aperture located at a bottom portion of the fuel vapor diffuser, the at least one aperture forming a passageway between the downcomer passageway and the internal chamber; and at least one outlet passageway extending from the internal chamber to an atmospheric air outlet port.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.2959/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE FOR DRYING A FLUID AND METHOD FOR OPERATING SAME

(51) International classification :B01D53/26
(31) Priority Document No :102010049487.9
(32) Priority Date :27/10/2010
(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)MANN+HUMMEL PROTEC GMBH
Address of Applicant :STUBENWALD-ALLEE 9, 64625
BENSHEIM, GERMANY
(72)**Name of Inventor :**
1)MICHAEL ZLOTOS
2)THOMAS KUSCH

(57) Abstract :

The invention describes a device (1) for drying a fluid (26), in particular humid air, with at least three containers (2,3, 4) for desiccant (11), which each comprise an inlet opening (5, 6, 7) and an outlet opening (8, 9,10), a first and a second retaining plate (12, 13), wherein the inlet openings (5, 6, 7) are coupled to the first retaining plate (12) and the outlet openings (8, 9,10) are coupled to the second retaining plate (13), and the retaining plates (12,13) each comprise passages (14 -17) for fluid (26 - 29) flowing through the inlet openings (5, 6, 7) or through the outlet openings (8, 9,10), with a first connecting part (20) which rests on the first retaining plate (12) and comprises a first mixing chamber (22) for commonly guiding a fluid flow through at least two of the passages (14, 15) to a first common connector (24), and a second connecting part (21) which rests on the second retaining plate (13) and comprises a second mixing chamber (23) for commonly guiding a fluid flow through at least two of the passages (17, 18) to a second common connector (25), wherein the retaining plates (12, 13) and the connecting parts (20, 21) are arranged so as to be rotatable relative to each other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2930/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BASECUTTER FOR A CANE HARVESTER

(51) International classification	:A01D 45/02	(71)Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE,MOLINE, ILLINOIS,61265, U.S.A.
(31) Priority Document No	:12/943,286	
(32) Priority Date	:10/11/2010	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)MICHAEL L. HINDS
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A stalk processing section of a harvester for harvesting stalks of stalk-like plants, the harvester has a main frame that is moveably coupled to an undercarriage. The stalk processing section includes a basecutter assembly movably coupled to the main frame. The basecutter assembly also includes a set of rails and a set of wheels. The set of wheels engage the set of rails. The set of rails are attached to the main frame and/or the basecutter assembly. The set of wheels are rotatably coupled to the main frame and/or the basecutter assembly. The set of rails and the set of wheels are configured to constrain movement of the basecutter assembly along a path established by the rails and the wheels.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2931/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING A PLANNED PATH OF A VEHICLE.

(51) International classification	:G01C21/00	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE,MOLINE, ILLINOIS, 61265, U.S.A.
(31) Priority Document No	:61/406,704	
(32) Priority Date	:26/10/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor : 1)KONDEKAR, RITESH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A boundary definer defines an outer boundary of a region as a series of interconnected generally linear segments joined at one or more nodes. A concave surface identifier or data processor identifies each concave surface associated with a corresponding concave node. At least one subdivision line is established to divide the region into subdivided areas, where the subdivision line interconnects at or near two nonadjacent ones. of the concave nodes.. The date processor oc caw acuantetio. module determines a direction of orientation of rows for a planned path of the vehicle within each subdivided area. A path planning module or data processor interconnects the planned paths within or between subdivided areas to each other by planned interconnection paths between termination points of the rows or at the nodes.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2933/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : STEERING MECHANISM FOR A SUGARCANE HARVESTER

(51) International classification	:B60G 7/00	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE,MOLINE, ILLINOIS,61265, U.S.A.
(31) Priority Document No	:12/943,343	
(32) Priority Date	:10/11/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)MICHAEL L. HINDS
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A steering mechanism for a sugarcane harvester having pivotable forward frame sections and a pivotal topper assembly for maneuverability. The steering mechanism includes arms extending from the respective frame sections and topper assembly. Steering links pivotally interconnect the arms in a way that the topper steering arm is sandwiched between a pair of links. An eccentric pivotal connection between the topper steering arm and the links is provided to accommodate the change in radius. Actuators connect to the links to provide movement of the steering arms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2934/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BASECUTTER ASSEMBLY FOR A CANE HARVESTER

(51) International classification	:A01D 45/10	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS,61265, U.S.A.
(31) Priority Document No	:12/943,300	
(32) Priority Date	:10/11/2010	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor : 1)MICHAEL L. HINDS
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A stalk processing section of a harvester for harvesting stalks of stalk-like plants, the harvester has a main frame that is moveably coupled to an undercarriage. The stalk processing section includes a basecutter assembly movably coupled to the main frame. The basecutter assembly includes a knockdown roller, a butt lifter roller and/or an upper feed roller. The basecutter assembly also includes a set of rails and a set of wheels. The set of wheels engage the set of rails. The set of rails are attached to the main frame and/or the basecutter assembly. The set of wheels are rotatably coupled to the main frame and/or the basecutter assembly. The set of rails and the set of wheels are configured to constrain movement of the basecutter assembly along a path established by the rails and the wheels.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1836/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A SYSTEM FOR IMPROVING HOT STRIP PROCESS IN HOT STRIP MILLS

(51) International classification:B21B39/16B21B45/08B21D43/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date

(71)**Name of Applicant :**

1)JSW STEEL LIMITED

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(72)**Name of Inventor :**

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2)YEKKAR Suraja

3)REDDY Subhash Naraya

4)SUKUMARAN Shobith

5)DAVANAGERE Vinoo

(57) Abstract :

A system for improving hot strip process in hot strip mills involving crop shear guide and finishing mill entry guides directed to improve the quality of hot rolled strip coil. The system provides a crop shear guide configuration and positions comprising an additional ~Out position™ involving transfer bar width and an identified ~camber value™ wherein finishing mill entry guide sense the camber value of transfer bar as soon as the transfer bar head end is sensed so as to ensure that strip is not caught between crop shear and finishing mill entry guide. The crop shear guide configuration according to the invention in combination with finishing mill entry guides is adapted to improve mill availability by reducing cobble occurrence and improving quality of coil avoiding head end necking.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.2894/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MANY-TO-ONE TRANSACTION FULFILMENT SYSTEM□

(51) International classification	:G06Q30/00	(71) Name of Applicant : 1)WONGA TECHNOLOGY LIMITED Address of Applicant :53 Merrion Square Dublin 2 Republic of Ireland.
(31) Priority Document No	:61/394,491	
(32) Priority Date	:19/10/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)Jonty Hurwitz 2)Errol Damelin
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided, in accordance with an embodiment of the present invention, an apparatus, system, and method to provide substantially in real time personalized and/or customized consumer credit from multiple money sources into substantially any shopping basket or facility on the Internet or on a mobile network. In one embodiment, a consumer credit provider may provide supplementary or complimentary credit to enable an online purchase, in combination with existing credit sources, in a substantially transparent way, such that the user feels that only one transaction is taking place.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2947/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PAD OF VEHICLE SEAT AND METHOD OF MANUFACTURING THE PAD □

(51) International classification	:A47C7/18, B29C67/20	(71) Name of Applicant : 1)TOYOTA BOSHOKU KABUSHIKI KAISHA Address of Applicant :1-1 Toyoda-cho Kariya-shi Aichi-ken 448-8651 Japan
(31) Priority Document No	:2010- 238100	(72) Name of Inventor : 1)FUJIMOTO Kazutaka 2)GOTOU Seiichi
(32) Priority Date	:25/10/2010	
(33) Name of priority country	:Japa□	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a pad of a vehicle seat that includes a foam (10) and an insert wire (20) that is connected to an upholstery (82) covering an outer surface of the foam (10) in which the insert wire (20) is disposed within the foam (10) in an elastically-deformed state and a method of manufacturing the pad. Preferably the insert wire (20) may be disposed within a foam (10) that constructs the pad of one vehicle seat in a first state (deformed state T1) while disposed within a foam (10) that constructs the pad of another vehicle seat that is different from the one vehicle seat in a second state (deformed state T2) and a not-elastically-deformed state (normal state N) of the insert wire (20) may be set between the first state and the second state.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.3014/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR RENDERING WEB CONTENT

(51) International classification

:G06F17/30

(31) Priority Document No

:61/455,611

(32) Priority Date

:25/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WOXI MEDIA

Address of Applicant :830 STEWARD DRIVE,SUITE 230,
SUNNYVALE, CALIFORNIA(CA), USA.

(72)Name of Inventor :

1)GATTANI, AMIT

2)AGRAWAL, ADITYA

3)KALMANJE, ARUN

(57) Abstract :

A method and system for rendering web content on an end device is disclosed. An encoding server parses the web content to determine a plurality of markup tags in a native markup language associated with the web content. On determining the plurality of markup tags in the native markup language, the encoding server encodes the plurality of markup tags using a rendering markup language to form one or more packages. The rendering markup language defines a set of markup tags in the rendering markup language for each package based on the capabilities and configurations of the end device. The one or more packages are then decoded by a thin client by interpreting the set of markup tags in the rendering markup language. Since the thin client only decodes the set of tags in the rendering markup language, processing power required at the thin client is significantly reduced.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3002/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CONNECTING METHOD OF COPPER PIPE

(51) International classification	:F16L 13/00	(71)Name of Applicant : 1)Koo Sung Ok Address of Applicant :605-1302 LG A.P.T Seongbok-dong Suji-gu Yongin-si Gyeonggi-do Korea.
(31) Priority Document No	:10-2010- 0114188	(72)Name of Inventor : 1)Koo Sung Ok
(32) Priority Date	:17/11/2010	
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a copper pipe connection method capable of firmly connecting copper pipes without using a conventional welding method by inserting the copper pipes into a connector through both sides of the connector and adhering an overlapping part between the copper pipes using an adhesive so as to maintain air or water sealing, and compressing circumferences of the connector and the overlapping part so that the copper pipes are not separated from the connector by the compressed part. The copper pipe connection method includes removing burrs at end parts of copper pipes, and removing foreign substances at contact parts of a hollow connector made of a copper material, at which the respective copper pipes come in contact with the connector by being inserted into the connector; coating an adhesive for metal on contact parts of the copper pipes, at which the connector comes in contact with the copper pipes respectively inserted into the inside of the connector through both sides of the connector; adhering the copper pipes to the connector by inserting the copper pipes into the inside of the connector through both the sides of the connector; and compressing a circumference of a connection part of the connector into which each of the copper pipes is inserted using a compressor so that compression parts of the connector are overlapped with compression parts of the copper pipes, respectively, wherein the overlapped compression parts are positioned at outsides of the end parts of the copper pipes, respectively, so that the end parts are not separated from the connector.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3004/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : APPARATUS AND METHOD OF PRODUCING PLASTICS MATERIAL CONTAINERS

(51) International classification	:B29C35/04	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRÄBE 5,93073 NEUTRAUBLING,GERMANY
(31) Priority Document No	:10 2010 049 404.6	
(32) Priority Date	:26/10/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)KONARD SENN
Filing Date	:NA	2)FLORIAN WICKENHOFER
(87) International Publication No	:N/A	3)ULRICH LAPPE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) for the conditioning of plastics material pre-forms (10) with a tempering space (2) for receiving a plurality of plastics material pre-forms (10), with a supply device (4) in order to supply the plastics material pre-forms (10) to the tempering space (2), with a removal device (6) in order to remove the plastics material pre-forms (10) out of the tempering space (2), and with a conveying device (12) which conveys the plastics material pre-forms (10) from the supply device (4) to the removal device (6) in such a way that each plastics material pre-form remains in the tempering space (2) for a pre-set duration of the dwell period. According to the invention a temperature of the plastics material pre-forms (10) leaving the removal device (6) is substantially constant irrespective of a duration of the dwell period of the plastics material pre-forms (10) in the tempering space (2) and the conveying device (12) is designed in such a way that each plastics material preform (10) remains in the tempering space (2) for a period of time of at least 5 minutes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3035/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A BLOW MOULDING MACHINE IN A MODULAR DESIGN

(51) International classification	:B29C49/28	(71)Name of Applicant :
(31) Priority Document No	:102010049385.6	1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5,93073 NEUTRAUBLING, GERMANY
(32) Priority Date	:26/10/2010	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)HEINZ HUMEL 2)KLAUS VOTH 3)JOHANN ZIMMERER 4)DIETER FINGER 5)MARTIN SEGER 6)CHRISTOPH KLENK 7)KONRAD SENN 8)FRANK WINZINGER 9)ALEXENDRA DONHAUSER 10)
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus (1) for producing plastic containers, comprising a heating module (2) that heats plastic preforms (10), said heating module including a transport unit (4) that transports the plastic preforms (10) during the heating process, including a moulding module (6) for moulding the plastic preforms (10) into plastic containers, said moulding module being disposed downstream of the heating unit (2) in the transport direction of the plastic preforms (10) and said moulding module (6) including a blow moulding unit for applying a flowable medium onto the plastic preforms for the expansion thereof as well as a transport unit (12) that transports the plastic preforms (10) during the expansion thereof. According to the invention, the heating module (2) includes a first interface (22) and the moulding module (6) includes a second interface (22), said first interface (22) and said second interface (22) allowing both a mechanical connection and an electric connection between the modules connected by said interfaces (22) in such a way that it is possible both to dispose the moulding module (6) on the heating module (2) and to integrate at least one further module (8, 9) between the heating module (2) and the moulding module (6), which at least one further module treats the plastic preforms (10) following the heating process carried out by the heating module (2) and prior to the moulding process carried out by the moulding module (6).

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.2960/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : WORKSTATION OF A WINIDING MACHINE.

(51) International classification	:B65H54/70
(31) Priority Document No	:102010049435.6
(32) Priority Date	:23/10/2010
(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)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY

(72)Name of Inventor :

1)HELMUT KOHLEN

2)ALEXANDER MARX

(57) Abstract :

The present invention relates to a workstation (2) of a winding machine (1) for winding a thread (30) from a delivery bobbin (9) onto a take-up bobbin (11), a device (23, 23A, 23B) for stopping thread loops being arranged adjacent to the thread course between the delivery bobbin (9) and the take-up bobbin (11) and, spaced apart from the thread course, the device (23, 23A, 23B) has catching elements (43, 44, 51), which point counter to the running direction (F) of the thread (30).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.2961/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : WORKSTATION OF A TEXTILE MACHINE PRODUCING CROSS-WOUND BOBBINS

(51) International classification	:B65H54/70
(31) Priority Document No	:10 2010049515.8
(32) Priority Date	:25/10/2010
(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)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY

(72)Name of Inventor :

1)ALEXANDER MARX

(57) Abstract :

The invention relates to a workstation of a textile machine producing cross-wound bobbins, with a thread receiving mechanism arranged in the region of the unwinding position of a supply bobbin, thread monitoring and treating mechanisms installed in the region of a thread running path and a winding device for producing a cross-wound bobbin. According to the invention it is provided that the workstation (1) has a multi-part thread guide channel (6) surrounding the thread running path, with receiving housings (18, 21) or receiving portions (31, 32, 33) for various thread monitoring and treating mechanisms, the thread guide channel (6) extending between the supply bobbin (2) positioned in the unwinding position (AS) and the winding device (4) and being loadable with negative pressure in portions if necessary in such a way that a negative pressure flow, the flow direction of which can be predetermined in a defined manner, is available in the thread guide channel (6).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2935/MUM/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TOPPER FOR A CANE HARVESTER

(51) International classification	:A01D 45/10	(71)Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS,61265, U.S.A.
(31) Priority Document No	:12/943,317	
(32) Priority Date	:10/11/2010	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)MICHAEL L. HINDS
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A topper for a stalk plant harvester for cutting tops from stalk-like plants includes a frame, a pair of cutting blades carried by the frame, and a deflector vane pivotally coupled with the frame. The cutting blades are spaced apart from each other relative to a travel direction, with each cutting blade rotating about a respective generally vertical axis. The deflector vane is selectively movable between a first position for directing cut tops to one side of the toppler and a second position for directing cut tops to an opposite side of the toppler.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2069/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD AND A SYSTEM FOR ONLINE AND DYNAMIC SCHEDULE CONFIGURATION OF CONTROL APPLICATIONS IN A DISTRIBUTED CONTROL SYSTEM

(51) International classification	:G05B	(71) Name of Applicant : 1)ABB RESEARCH LTD. Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANJAY GHOSH
(87) International Publication No	: NA	2)ATUL KUMAR D
(61) Patent of Addition to Application Number	:NA	3)MICHAEL WAHLER
Filing Date	:NA	4)SRINI RAMASWAMY
(62) Divisional to Application Number	:NA	5)RAKESH REDDY
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of online and dynamic schedule configuration of control applications in a Distributed Control System (DCS). The invention considers having a DCS with a plurality of controllers, where controllers include one or more of source controllers and one or more of destination controllers. The method of the invention comprises the steps of: a) selecting one or more blocks of control applications in an optimal manner. Such blocks of control applications in one or more source controllers can be migrated across one or more destination controllers; b) identifying one or more potential slots for executing blocks in one or more destination controllers. These potential slots are employed for accommodating the said selected one or more blocks of control applications accordingly; c) publishing the information pertaining to one or more of the said identified potential slots to a central management entity or to corresponding one or more said source controllers by the one or more destination controllers; d) determining said one or more potential slots and its corresponding said selected block thereto for each of the said destination controller accordingly by the central management entity or by the said one or more source controller; and e) proposing schedule configuration of control applications by the said central management entity or by the said one or more source controller; and f) performing schedulability analysis for each of the said one or more blocks or of its logical combination thereof. The invention also relate to a system for performing online and dynamic schedule configuration of control applications in a Distributed Control System (DCS) having a plurality of controllers, in accordance with the method of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2071/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR BENDAMUSTINE HYDROCHLORIDE

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

(71)Name of Applicant :

1)HETERO RESEARCH FOUNDATION

Address of Applicant :HETERO DRUGS LIMITED,
HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
India

(72)Name of Inventor :

1)PARTHASARADHI REDDY, BANDI

2)RATHNAKAR REDDY, KURA

3)MURALIDHARA REDDY, DASARI

4)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides a process for the preparation of 1H-benzimidazol-l-methyl-5-N,N-di(2-hydroxyethyl)-2-butanoic acid ethyl ester. The present invention also provides a process for the preparation of bendamustine hydrochloride. The present invention further provides a process for the purification of bendamustine hydrochloride.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2087/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EXHAUST GAS RECIRCULATION SYSTEM

(51) International classification	:F02M	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GANESH YADAGIRI RAPOLU
(87) International Publication No	: NA	2)SACHITHANANDAM PINAGAPANI
(61) Patent of Addition to Application Number	:NA	3)SATHYA PRASAD MANGALARAMANAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The exhaust gas recirculating system according to the invention comprises a device having a swirl chamber, which helps in mixing of two fluids, namely, exhaust gas and fresh air inflow, by utilizing their flow momentum to create swirl in the swirl chamber. The two fluids preferably flow tangentially into the swirl chamber and the swirl mixture in the chamber continues to flow further into an axial outlet thereby enabling further mixing before being delivered into the intake manifold plenum. The inflow pulsation of the fluids entering the EGR device is reduced according to the present invention due to at least the size of the swirl chamber being large enough to act as a buffer storage tank, thereby ensuring uniform recirculated exhaust gas flow to the intake manifold plenum of the engine.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2108/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A MULTI-PURPOSE HOME APPLIANCE

(51) International classification

:A47L

(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)SULUR RAMAKRISHNA VIDYA SHANKAR

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2)YOGESH BALASUBRAMANYA

3)VISHWANATHA RAMACHANDRA

4)PANAGESH IYENGAR BINDIGANVILE VYNATHEYA

(72)Name of Inventor :

1)SULUR RAMAKRISHNA VIDYA SHANKAR

2)YOGESH BALASUBRAMANYA

3)VISHWANATHA RAMACHANDRA

4)PANAGESH IYENGAR BINDIGANVILE VYNATHEYA

(57) Abstract :

Comprising of a Motor within a Housing with a handle, one end of the Motor shaft carrying a coupling to accommodate the various attachments, the other end of the motor having a speed controller, to regulate speed of the various attachments, which are to be run at different speeds. A Mixer Grinder, Vacuum Dry Cleaner, Water Pump, Dish Washer and a Driller at the various attachments that can be driven by this Motor. In case of a Dish Washer and the Driller, a flexible shaft is used, one end attached to the motor for deriving the rotary motion, whereas the other end carries a wire scrubber in case of a dish washer and a drill chuck and bit, in case of a driller. A mixer grinder carries detachable blades internally. A vacuum dry cleaner has appropriate dust bag and filter for removing the dust particles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2076/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYNTHESIS OF PIPERAZINE NUCLEUS CONTAINING NOVEL CHALCONE DERIVATIVES AND THEIR ANTIHISTAMINIC ACTIVITY

(51) International classification

:C07C

(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)ABDUL RAHAMAN SHAIK

Address of Applicant :DEPARTMENT OF
PHARMACEUTICAL CHEMISTRY, NIRMALA COLLEGE OF
PHARMACY, MANGALAGIRI, GUNTUR - 522 502 Andhra
Pradesh India

(72)Name of Inventor :

1)PRAKASH KATAKAM

2)RAJENDRA PRASAD Y

3)PHANIKUMAR KOLA

(57) Abstract :

Diaryl propene-2-ones, commonly called as chalcones were synthesized (compounds RC1 to RC8) by condensation of 4-piperazinoacetophenone with different substituted aromatic aldehydes in 40% alkali. The structures of the eight synthesized compounds were established on the basis of elemental analysis, I.R., 1H NMR and mass spectral data. Since these compounds possessed piperazine moiety which is characteristic of many currently available antihistaminic agents, they were evaluated for their antihistaminic activity. Among the compounds tested, RC6 exhibited a much lower IC₅₀ value than the standard drug (mepiramine) at 0.0033 ±0.0002 μM. Other compounds in this series also possessed dose dependent antihistaminic activity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2077/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR PERFORMING ACCURATE POSE ESTIMATION OF OBJECTS

(51) International classification	:G06T	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Veldandi Muninder
(87) International Publication No	: NA	2)Mithun Uliyar
(61) Patent of Addition to Application Number	:NA	3)Basavaraja S V
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Attached

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2088/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND COMPOSITION FOR TREATMENT OF WOUNDS

(51) International classification	:A61K16/00	(71) Name of Applicant : 1)BLASSAN P GEORGE Address of Applicant :DEPARTMENT OF BOTANY BHARATHIAR UNIVERSITY, MARUDHAMALAI MAIN ROAD, COIMBATORE - 641 046 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)BLASSAN P GEORGE 2)DR.T. PARIMELAZHAGAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The inventive subject matter relates to methods of treating wounds comprising administration of a composition comprising therapeutically effective amounts of extracts from Rubus a plant that belongs to the family of Rosaceae. The novel composition obtained can be used for wound healing in excision wound model and infected excision wound model, incision wound model and burn wound model.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.2103/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING AND MONITORING CONSUMPTION OF ENERGY

(51) International classification	:G01R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :35, RUE JOSEPH MONIER, F-92500
RUEIL MALMAISON France

(72)Name of Inventor :

1)SUDEEP GAURKAR

(57) Abstract :

The present invention relates to system and method for determining and monitoring the energy consumed by an electrical device during effective work phase and non-effective work phase, said electrical device coupled to a power device for supplying power thereto wherein, the actual energy consumed by the electrical device is arrived at by combining the quantum of power consumed by various electrical sub-units comprised in the electrical device and quantum of power consumed by each operating process for operating the electrical device. Another embodiment of the present invention provides for systems and methods determining and monitoring energy consumption of many such electrical devices connected in a facility, by a remote manager device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2105/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COAGULATED MILK SOLIDS/PANEER WITH IMPROVED TASTE ATTRIBUTES, TREATED MILK COMPOSITION AND PROCESSES OF MANUFACTURING THE SAME

(51) International classification	:A23C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)CAVINKARE PVT. LTD.

Address of Applicant :Cavin Ville No.12 Cenotaph Road
Chennai - 600 018 Tamil Nadu India

(72)Name of Inventor :

1)Makhal S.

2)Mukhopadhyay Dr. T.

(57) Abstract :

Treated milk composition/ flavoured milk comprising effective fat and solid non-fats (SNFTMs) based content for desired flavouring agent entrapment and retention that more particularly relates to the heat and acid coagulated milk solids/ Paneer obtained from the said treated / flavoured milk composition and a process of manufacturing the same with improved taste, defined taste profile, flavor attributes, flavouring agents being uniformly distributed and entrapped in every portion of Paneer cube is also disclosed. The present invention also relates to food products comprising the said heat and acid coagulated milk solids/ Paneer and composition of the raw milk providing for the said heat and acid coagulated milk solids/like product and a process for manufacturing the same to find end use and application in the preparation of any vegetable dish, salad, Pakoda, etc out of the said Paneer to have a notable taste and flavor.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2074/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING PATH TRAVERSED BY A MOBILE COMMUNICATION DEVICE

(51) International classification	:G01S
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)Sriram Kannan

Address of Applicant :GM-04 Keerthi Royale No. 3 Outer Ring Road Banaswadi Bangalore – 560043 India

(72)Name of Inventor :

1)Sriram Kannan

(57) Abstract :

The invention provides a method and system for determining path traversed by a mobile communication device in an unobtrusive manner. The method involves providing a tower transition data involving identifying a set of GPS coordinates associated with a cellular network tower ID, and identifying the tail GPS coordinate and head GPS coordinate of consecutive cellular network tower IDs. Then the distance between the tail and head is estimated, based on which the sequence of cellular network tower IDs are determined, which provides the path traversed by the mobile communication device.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2075/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INTELLIGENT COOLING SYSTEM FOR TURBINE GEAR BOX

(51) International classification	:F01P	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO.6, NEW NO.72, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(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 intelligent cooling system for the gear box of a wind turbine engine. The gear box temperature is cooled by the oil coolant released from the oil pump which is connected to the gear box at one end and to the variable frequency drive at the other end. The gear box temperature is a function of the power generated by the wind turbine and the gear box temperature starts to increase as soon as the generated power exceeds specified when forced cooling is needed. The intelligent cooling system for the gear box is designed to continuously monitor the generated power by the wind turbine and to correspondingly initialize the operation of the pump frequency for the release of the coolant. The intelligent system controls the operating pump frequency as the function of the generated power by the wind turbine so as to control the flow of the coolant in the gear box mechanism. As the generated power in the wind turbine gradually increases beyond specified, the same upon sensing by the intelligent system activates the variable frequency drive connected to the coolant pump for the release of the coolant proportionately to maintain a uniform temperature of the gear box at all conditions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2111/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : WORKFORCE PLANNING TOOL METHOD AND SYSTEM

(51) International classification	:G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Accenture Global Services Limited

Address of Applicant :3 Grand Canal Plaza Grand Canal
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(72)Name of Inventor :

1)DALE R. RABENECK

2)RICHARD C. OPPELT

3)SUBHASHISH RAY

(57) Abstract :

The workforce planning tool (WPT) decomposes, maps, and allocates historical cost center data of an organization, including personnel costs and non-personnel costs, to a process hierarchy used to identify target improvements. The WPT calculates baseline costs to operate the processes of the organization with no processing errors. The WPT calculates actual costs to operate the processes, and identifies an improvement target for the organization by comparing the baseline costs to the actual costs, and the historical cost center data of the organization.

No. of Pages : 62 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2112/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A SUSTAINABLE COMBUSTION CONTROL SYSTEM USING INFERENTIAL MEASUREMENT OF PULVERISED COAL FLOW

(51) International classification

:G05B

(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)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Address of Applicant :CHENNANKARA BUILDING,
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Nadu India

(72)Name of Inventor :

**1)V. MURALIDHARAN
2)S. ROMINUS VALSALAM
3)GEORGE A. PEREIRA
4)B. RAJA SINGH**

(57) Abstract :

A sustainable combustion control system with high combustion efficiency and improved dynamic response to load changes and near zero C02 emission from furnace flue gas out-let comprising an inferential pulverised coal flow estimator for continuous accurate estimation of coal flow; an adaptive N-step state predictor compensating for both process lag and its non-linearity with mill load.; a state estimator for providing estimated values for main steam pressure and primary and secondary air flow for combustion; combustion air estimator based on coal composition, adaptive fuzzy controllers for providing improved controller performance when the process parameters and its behavior undergo changes., lead-lag compensators, multi function generators, and oxygen and carbon monoxide logic based air flow compensator inter connected together constituting an environment friendly and sustainable combustion control system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2109/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RACK SPUR GEAR CHAIN DRIVEN GEAR UNITS FOR THE GENERATION OF ELECTRICITY FROM THE RUNNING TRAIN/VEHICLE

(51) International classification	:F16G	(71) Name of Applicant : 1)NATESAN KANNUSAMY RAMALINGAM Address of Applicant :NO.37, ANNA STREET, KANAGAM, TARAMANI, CHENNAI, TAMIL NADU - 600 113 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)NATESAN KANNUSAMY RAMALINGAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The running Train/Vehicle, way longer in its path, pulls up a Gear Driving Chain(2), which is above or beside the Train/Vehicles body using a Chain-Connector(1), where the same Gear Driving Chain(2) is connected to two other gears 3a and 3b one at the origin and the other at the destination of the rod-posters(4) beside the railway track. A Gear Driving Chain(2) is connected with a Chain Driven Free Wheel Gear (3), Which is mounted over the Main Shaft(5) of the Rod Poster(4). In order to pull the Gear Driving Chain(2) all through its path, a connector is set over the front end of the Train/Vehicles body to get connected or to get hooked up to the same chain using a hook or a small shaft in the circular- hole which the chains usually comprise. The said chain is a Gear Driving Chain(2), where this drives a gear which is followed by a Gear Box and Generator in turn. The Chain Driven Gear, comprises some supporting Gears in order to sustain the connectivity of the chain with the Gear from slipping.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2122/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SIMULATION OF BLOOD GLUCOSE CONTROL PROCESS BY MOSQUITO REPELLER COIL.

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

(71)**Name of Applicant :**

1)D.S.Sarma

Address of Applicant :H.no.10-334 Vasanthapuri Colony
Malkajgiri Hyderabad-047 Andhra Pradesh INDIA.

(72)**Name of Inventor :**

1)D.S.Sarma

(57) Abstract :

It is well known that a process called perimetry charting of the field of vision through the optical disk is used to diagnose blindness in specific portions of the Retina. The subject looks at a central spot on the optic disc with one eye, in front of him/her. A small dot of light or object is moved back and forth, in all areas of the field of vision. The person signals visibility/non visibility of the spot, during the scanning process of the field of vision for spotting the areas causing the blindness. We have simulated this process, so far discussed by a Mosquito Repeller Coil kept in a dark environment. The red burning edge of the coil (object) & its image on the foveal portion of the eye, continue to get interchanged, while the process of darkening & lightening of the environment is continued.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.2123/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING SESSION KEYS

(51) International classification	:H04L	(71) Name of Applicant : 1)INFOSYS LIMITED Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100 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	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a system and method of generating a cryptographic session key based on a known master key shared between a sender communicator and a receiver communicator in a communication network. The method includes receiving a request from the receiver communicator, by the sender communicator, to establish a communication session between the sender and the receiver communicator. The method further includes generating an open random number signal at the sender communicator and combining the generated open random number signal with the known master key to generate the cryptographic session key.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.2125/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TRANSPORT DEVICE FOR SLABS

(51) International classification	:B65G	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SMS SIEMAG AG
(32) Priority Date	:NA	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE
(33) Name of priority country	:NA	4, 40237 DUSSELDORF Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LUC NEUMANN
(87) International Publication No	: NA	2)VURITY SAIBABU
(61) Patent of Addition to Application Number	:NA	3)RALF BAUER
Filing Date	:NA	4)DOMINIQUE DOYEN
(62) Divisional to Application Number	:NA	5)JEAN KONINCKX
Filing Date	:NA	6)KILIAN KAUPPER

(57) Abstract :

The invention relates to a transport device (1) for slabs (2), which is arranged between at least two casting machines (3, 4, 5) and at least one rolling mill (6), wherein the transport device comprises at least two linear first conveyor sections (7, 8, 9) on which a slab (2) can be conveyed into a conveying direction (F), wherein the transport device (1) comprises at least two linear second conveyor sections (10,11) which are arranged pivotable to convey a slab (2) under an angle (a) to the conveying direction (F), wherein the transport device (1) comprises at least one linear third conveyor section (12) and wherein the at least two linear, pivotable second conveyor sections (10, 11) are arranged pivotable around a swiveling point (S) which swiveling point (S) is arranged outside the longitudinal extension of the second conveyor sections (10, 11). To allow to transport overlong slabs from the casting machines to the rolling mill without high expenditure into the device the invention is characterized in that at least one of the first conveyor sections (8) and/or the at least one third conveyor section (12) is arranged in such a manner that it can be pivoted around the swiveling point (S).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

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

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED EPOXY SYSTEMS FOR COMPOSITES

(51) International classification	:B32B27/38, C08G59/50, C08G59/56 :61/358,313	(71) Name of Applicant : 1)MOMENTIVE SPECIALTY CHEMICALS INC. Address of Applicant :180 EAST BROAD STREET, COLUMBUS, OHIO 43215 U.S.A.
(31) Priority Document No	:24/06/2011	(72) Name of Inventor :
(32) Priority Date		1)LARRY STEVEN CORLEY
(33) Name of priority country	:U.S.A.	2)ROBERT DALE FARRIS
(86) International Application No	:NA	3)CARLTON E. ASH
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 :

Compositions and methods for forming epoxy resin systems are provided. In one embodiment, a composition is provided for an epoxy resin system including a reaction product of an epoxy resin component and a curing agent component comprising a first amine compound having the formula R1R2R3N, wherein R1 and R2 are independently an aliphatic or alicyclic organic functional group and R3 is an alkyl group, having a backbone of 2-18 carbon atoms, and a second amine compound having one or more primary or secondary amine groups, with the stoichiometric ratio of-NH bonds of the second amine compound to the epoxy groups of the epoxy resin component being from 1:20 to about 21:20. The composition may be used to form composites, such as used in commercial wind turbine blade manufacturing.

No. of Pages : 48 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

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

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITION OF A FLOATING/SWELLING CONTROLLED GASTRORETENTIVE DRUG DELIVERY SYSTEM

(51) International classification	:A61K	(71) Name of Applicant : 1)MS. LAKSHMIDEVI ETHIRAJAN Address of Applicant :NO.82/74, ELLAIAMMAN COLONY MAIN ROAD, GOPALAPURAM, CHENNAI - 600 086 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a gastric retention controlled drug delivery system comprising of a highly swellable crosslinked polymer that acts as the first matrix in which the drug is incorporated into and the second matrix comprises of a meltable binder. The floating, swelling controlled release gastroretentive drug delivery system of an active pharmaceutical ingredient that has a Narrow Absorption Window in the upper part of the small intestine or drugs that act locally in the stomach. The drug delivery system consists of a synergistic double matrix system. The polymer and the meltable binder are present in an optimized ratio to provide the required floating and controlled release profile that renders a once a day oral dosage form of the active pharmaceutical ingredient incorporated into the matrix. Carbomer is used as the matrix forming agent and Cetostearyl Alcohol as the meltable binder. Different ratios between cetostearyl alcohol and carbomer are also used to achieve optimal gastric retention and desired controlled release profile. The ratio between the swellable matrix and the meltable binder matrix (Carbomer: Cetostearyl Alcohol) in the three formulation is 12.5:87.5, 9.5: 90.5, 6.5:93.5. The drug is first embedded / predispersed in the swellable polymer by mixing the drug with the swellable polymer. This highly swellable polymer matrix can be melted by the application of external heat and the dosage form can be produced by melted agglomeration/granulation without using organic solvent in the production of the granules. The granules are then screened, lubricated and compressed into tablets. The composition and process is effective, economical and ecofriendly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

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

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMAGE SLIDESHOW BASED ON GAZE OF A USER

(51) International classification	:G06T	(71) Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)Krishnan RAMANATHAN 2)Nilesh KULKARNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method to enable an image slideshow based on gaze of a user. The method displays an image to a user for viewing, wherein, invisible to the user, each image is divided into a grid of tiles. While the user is viewing the image, the method detects the gaze of the user to identify regions of the image that are of interest to the user. The identified regions of interest are mapped to the grid of tiles on the image, to recognize tiles of interest to the user. The tiles of interest for the image are calculated and another image is presented to the user for viewing when the number of tiles of interest exceeds a threshold value previously computed for the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.2140/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ANNULAR RETRO-REFLECTIVE PHOTOGRAMMETRIC TARGET FOR MESH SURFACES

(51) International classification

:G01C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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1)CHOUPALLY KOTESHWAR RAO

2)ROHIT JAIN

3)PRAVESH MATHUR

4)ABDUL HAMEED

5)RAJEEV RANGRAO BADAGANDI

6)VISWANATHA N

7)GOVINDA K V

(57) Abstract :

The invention relates to a photogrammetric target having an annular retro reflective material adhered on a nodal disk to form an annular retro reflective surface and the centroid of the annular retro reflective surface lies on the mesh surface. The annular retro reflective surface is integrally provided at the nodes that represent the mesh surface thereby making it possible to measure the mesh surface within a tolerance of $\pm 0.007\text{mm}$.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.2143/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RETINAL IMAGING DEVICE

(51) International classification	:G03B
(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 #2206 Nandi Park Gottigere
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(72)Name of Inventor :

1)Shanmuganathan N

2)Pramod KK

3)Anand S

(57) Abstract :

A retinal imaging device and an illumination module for the same is provided. The illumination module includes a light source to provide an incident beam along an illumination axis, a condenser lens at a spaced apart distance from the light source for condensing the incident beam and emanating a condensed incident beam, a transparent plate at a spaced apart distance from the condenser lens, wherein the transparent plate comprises a light absorber, at least one projections lens system to focus the condensed incident beam, a shield at a spaced apart distance from the projection lens system to yield a first partially blocked beam to form a cornea illumination doughnut, and a perforated mirror comprising a hollow cylinder. A portion of the hollow cylinder protrudes out from a reflecting face of the mirror, forming an elliptical stopper to yield second partially blocked beam to form pupil illumination doughnut thus enabling reflex-free imaging of the retina.

No. of Pages : 14 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2920/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MOTORIZED HAND HELD SCRUBBER

(51) International classification	:A47L
(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)R.SRIRAM

Address of Applicant :B 4&5, ANAND FLATS, 4TH TRUST CROSS, MANDAVELIPAKKAM, CHENNAI-600 028 Tamil Nadu India

(72)Name of Inventor :

1)R.SRIRAM

(57) Abstract :

This invention relates to a device for cleaning vessels, and in more particular to a bi-directional motorized hand held scrubber which eases the effort involved in cleaning vessels. According to this invention, there is provided a device comprising a small motor powered with external power supply and long nylon shaft connected to a motor shaft with a screw which holds a nylon wheel. The nylon wheel is fitted with two types of wiping elements on each of the grooves provided on its periphery. Both the hard and soft wiping elements are fitted together, with the hard wiping element facing one side and the soft wiping element facing another side. A switch is provided to choose the direction of rotation of the nylon wheel. When the wheel rotates in clockwise direction, the soft wiping element wipes and cleans the vessel, whereas when the wheel rotates in anti-clockwise direction, the hard wiping element wipes and cleans the vessel. Thereby, a bi-directional wheel is provided which can be rotated in either direction depending on the cleaning requirement.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2921/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PUSHPAK STAR RIDER

(51) International classification	:B60R	(71) Name of Applicant : 1)SRI.M. VIJAYAN Address of Applicant :OLD NO.1/51, NEW NO.1/71, MANJALNEERKAYAL, PAZHAYAKAYAL(POST), TUTICORIN (DIST) PIN - 628 152 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Let us drive land,air,fire .water,sky in all directions by our pushpak star rider. let us consider an induction motor of submersible type winding of good capacity and insulation.here let us design the squirrel cage of the rotor be the design of the vanes of the centrifugal pump..the induction motor can be made to be functioning as an induction generator on rotating the rotor above the synchronous speed of the motor .now our system is three in one. let us consider an engine driven by diesel or gasoline linked with our three in one electrical system.now our system is equipped with four in one .land. we can run our vehicle conventionally on the land using the above drive. air let us consider the high velocity air blowing opposite to our travel be input of the centrifugal pump by proper dimension of input valve having adjustable area of cross section. the input air will enhance the speed of the impeller above the synchronous speed thereby making the induction motor as induction generator.at this time we can tap the power to charge the batteries and high capacity capacitor circuits.connected parallel to our circuit .so that we can energise the motor as and when required.we can start this system with heavy input supply required for the escape velocity from ground sub stations. the power generated is cubical power of the velocity function.the vessel will take off and fly and will reach the escape velocity within sudden spurts of time.one part of the pressurised air can be taken to a compressor cylinder.that can be used as and when required. star and sky we have to add another drive system to our pushpak sky rider. let us consider an electric charge move in a helical spring path of good anodic material like platinum by induced charges around it. initially we can charge this platinum rod by photo voltaic cell or corona. there is a resultant movement of the connected vessel opposite to the flow of current. the speed of the linear movement is approximately equal s to the speed of light as it happens at the velocity of light.in the ionosphere such a vessel can make greater velocity rather than in other medium.we can control the field direction by a magnet attached to the system.which is the steering for this vessel. the charges can be discharged and can stop the movement where ever it is necessary.all movements can be calculated and controlled by pre programmed computer. in any plasma stage of space with varying electron density this system can function.well.very good insulation required for the system from external fields. fire heavy water (d20) is the main coolant being used for nuclear fission reactor. the same coolant with additional fire protection can make our vessel capable to drive even inside any star or the sun.if we have super conductivity inside our chamber using any available technology. we can deviate the magnetic storm from the sun. heavy water i water can be generated from the deuterium and oxygen as and when required.very good insulation should be used. water: any vehicle having high pressure air contained inside the tubes which make body and frame of the vehicle. can float on water.can be propelled easily with any propeller arrangement or by using the four in one arrangement we explained top.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2113/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR ATOMOXETINE HYDROCHLORIDE

(51) International classification	:C07C
(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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SANATH NAGAR, HYDERABAD - 500 018 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 process for the preparation of R-, S- or racemic N,N-dimethyl-3-phenyl-3-(0-tolyloxy)propylamine. The present invention also provides a process for the preparation of racemic atomoxetine. The present invention further provides a process for the preparation of R- or S-atomoxetine mandelate salt as a solid. The present invention further provides a process for the optically enrichment of acid addition salt of R-atomoxetine.

No. of Pages : 13 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.2132/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A LIGHT WEIGHT INTERNAL COMBUSTION DIESEL ENGINE WITH REDUCED MAINTENANCE

(51) International classification	:F02B	(71) Name of Applicant :
(31) Priority Document No	:NA	1) Dr.S.V.Prakash
(32) Priority Date	:NA	Address of Applicant :Dept of Mechanical Engineering MS Ramaih Institute of Technology Bangalore - 54 Karnataka India
(33) Name of priority country	:NA	2) Mr.Sanjay Bhushan Deb
(86) International Application No	:NA	3) Mr. MD. Nadeem Anwar
Filing Date	:NA	4) Mr. Naveen VV
(87) International Publication No	: NA	5) Mr. Tony Paul Thekkinedath
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1) Dr.S.V.Prakash
(62) Divisional to Application Number	:NA	2) Mr.Sanjay Bhushan Deb
Filing Date	:NA	3) Mr. MD. Nadeem Anwar
		4) Mr. Naveen VV
		5) Mr. Tony Paul Thekkinedath

(57) Abstract :

The present invention relates to a single cylinder light weight internal combustion diesel engines , the engine comprising at least a cylinder with a first end and a second end; a piston of less than 300cc suitably positioned inside the cylinder; a head with at least two valves, positioned suitably positioned at the first end of the cylinder forming a chamber between the piston and the head; a crank shaft positioned at the second end of the cylinder; a connecting rod connecting the piston and the crank shaft, the crank shaft being connected to a load externally; at least a fuel injector for injecting fuel-air mixture with nozzle pressure of 70- 120 bars; a gear suitably coupled to the crank shaft; and at least a oil clutch mechanism connected to at least one wheel of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2927/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MESSAGING SERVICE BASED TRANSACTION SYSTEM

(51) International classification	:G60Q, H04L	(71) Name of Applicant : 1)VICHITRA TYAGI Address of Applicant :120 FERNWOOD ROAD MONTGOMERY,IL 60538. U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VICHITRA TYAGI
(87) 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 :

Messaging service based transaction system is disclosed. In one embodiment, a system includes a messaging service network and a first mobile device. In addition, the system also includes a server communicatively coupled with the first mobile device through the messaging service network to place a purchasable item associated with a first user of the first mobile device in a database associated with a marketable inventory module of the server based on a request from the first mobile device through a processor of the server. The system further includes a second mobile device communicatively coupled with the server through the messaging service network to securely fulfill a transaction of the purchasable item from the first user of the first mobile device when the server determines that a requested item of the second user matches the purchasable item associated with the first user.

No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.2958/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF Z-2-AMINOMETHYL-1-PHENYL-N, N-DIETHYL CYCLOPROPANE CARBOXAMIDE

(51) International classification	:C07C	(71) Name of Applicant : 1)MSN LABORATORIES LIMITED Address of Applicant :FACTORY: SY.NO:317 & 323, RUDRARAM (VIL), PATANCHERU (MD1), MEDAK (DIST) 502 329 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)SRINIVASAN THIRUMALAI RAJAN 2)REVU SATYANARAYANA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Z-2-aminomethyl-1-phenyl-N,N-diethyl cyclopropane carboxamide compound of formula-1 and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.2959/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EVALUATING AND ENFORCING SOFTWARE

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

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(72)**Name of Inventor :**

1)KAULGUD, VIKRANT SHYAMKANT

2)SARKAR, SANTONU

(57) Abstract :

Evaluation and enforcement of software design quality, in which a system applies design quality rules to a design of a software application to detect violations and provides output describing one or more violations of the design quality rules detected. Based on the output, the system receives user input to address the one or more violations of the design quality rules and, subsequent to receiving the user input, evaluates code developed for the software application for violations of the design quality rules to assess quality of the code being developed for the software application based on the design of the software application.

No. of Pages : 89 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.2139/CHE/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A DEVICE FOR CLOTH DRYING CONTROLLED BY A WALL FIXED STOPPER SWITCH

(51) International classification

:D06F

(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)NARAYANA KUTTY JAYAKRISHNAN

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031 Tamil Nadu India

(72)Name of Inventor :

1)NARAYANA KUTTY JAYAKRISHNAN

(57) Abstract :

This invention relates to a novel device for drying washed clothes inside a house/flat with less space consumption.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2913/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A SYSTEM AND A METHOD FOR CONTROLLING PURIFICATION OF JUICE IN A SUGAR MILL

(51) International classification	:C13B
(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)ARUN KUMAR MANI

2)BABJI BUDDHI SRINIVASA

3)KOUSTUBH PALNITKAR

4)TARUN PRAKASH MATHUR

(57) Abstract :

The invention relates to a system for controlling the purification of juice in a sugar mill. The sugar mill includes pre heating unit, liming unit, sulphitation unit and post heating unit. The system of the invention comprises at least one local process controller for controlling one or more control variables that are associated influentially or interdependently thereupon for the control of the sucrose content of the said juice so as to conserve the sucrose content and enhance the colour of the juice, through the control of manipulated variables corresponding to the said control variables. The said control variables being temperature of the juice in the said preheating unit, pH of the juice in the said liming unit, pH of the juice in the said sulphitation unit and temperature of the juice in the post heating unit, and therewith corresponds to the said manipulated variables that being flow of steam, flow of lime, flow of sulphur dioxide and flow of steam respectively. The system also comprising a central process controller for providing set points for the said control variables purporting to the said local process controllers, by using the process variables and / or process condition data relating to one or more of the said units and thereupon determine the said set points for the said at least one local process controller. The invention also relate to a method for controlling the purification of the juice using the system of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2931/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POWER GENERATION SYSTEM WITH TWIN TURBINES BASED ON OSCILLATING WATER COLUMN

(51) International classification

:F03B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY

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(72)Name of Inventor :

1)VENKATARAMAN JAYASHANKAR

2)THIRUCHENGODE MAHALINGAM

MURUGANANDAM

(57) Abstract :

The invention relates to a wave power generation system using a pair of oscillating water column based turbines associated with fluidic diodes. The invention includes a first electrical generator and first fluidic diodes connected in driving relation to the first uni-direction turbine for generating energy in the intake stroke of oncoming waves, a second electrical generator and a second fluidic diode connected in driving relation to the second uni-directional turbine for generating energy in the exhaust stroke of receding waves, wherein the first fluidic diode is arranged to allow the air arising from the oscillating water column wave to drive the first turbine in the intake stroke to generate energy and the second fluidic diode is arranged to prevent the air from the same oncoming water wave driving the second turbine and also in the arrangement of the two turbines with respect to each other such that the exhaust side of the first turbine and intake side of the second turbine are so arranged allowing the portion of air flowing towards receding wave to drive the second turbine in order to convert further energy in the exhaust stroke thereby generating two loads of power from the two turbines for every complete wave cycle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6218/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INDOLINE DERIVATIVES

(51) International classification	:C07D209/08
(31) Priority Document No	:2009-025093
(32) Priority Date	:05/02/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000644
Filing Date	:03/02/2010
(87) International Publication No	:WO 2010/090009
	A1
(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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3)TAKAHASHI, TAKASHI

4)HIJIKURO, ICHIRO

(57) Abstract :

The present invention provides a novel indoline derivative or a pharmacologically acceptable salt thereof or a solvate of the derivative or a salt thereof represented by the following formula (1) that has an excellent butyrylcholinesterase inhibitory activity. In the formula, Ri represents an alkyl group, a cycloalkyl group, a heterocycloalkyl group, an aryl group, a heteroaryl group, an arylalkyl group, a heteroarylalkyl group, a cycloalkylalkyl group, a heterocycloalkylalkyl group, a dihydrofurylalkyl group, an alkenyl group, a tetrahydronaphthyl group, or an indanyl group; R2 represents a hydrogen atom, an alkyl group, an arylalkyl group, a cycloalkylalkyl group, a heteroarylalkyl group, a heterocycloalkylalkyl group, an aryl group, or an acyl group; R3 each independently represents a hydrogen atom, an alkyl group, or a dialkylaminocarbonyl group; R4 each independently represents a hydrogen atom or an alkyl group; and R5 represents a hydrogen atom or an alkyl group. Each functional group may have a substituent. [Formula 1]

No. of Pages : 79 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2937/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR MAKING A BICYCLE HUB

(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 :

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HSIANG,TAICHUNG HSIEN,TAIWAN R.O.C

(72)Name of Inventor :

1)DABER HSIEH

(57) Abstract :

A method of making a front hub of a bicycle comprises: swaging a straight pipe into an hour-glass-shaped semi product, extruding the semi-product to form a hub flange, punching a plurality of holes in the hub flange of the semi-product, trimming the semi-product; and chamfering the holes of the semi-product to form a chamfer structure. A method of making a rear hub of a bicycle comprises: swaging a straight pipe into an hour-glass-shaped semi product, extruding the semi-product to form a hub flange, punching a plurality of holes in the hub flange of the semi-product, binding an edge of an end of the semi-product, necking down the edge-bound end of the semi-product, trimming the semi-product, and chamfering the holes of the semi-product to form a chamfer structure on an edge of the respective holes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2938/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : BIOPOLYMER COATED FABRIC BAG

(51) International classification	:B65D
(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)JOSHI SHASHIKANT

(57) Abstract :

Biopolymer coated fabric bags for dehydration and storage of agro products, agro-based products and commodities as well as non-agro products. Fabric bag comprises of a bag body with lower end and both side portions being closed and an upper end portion being adaptable to be sealed by a fastening means wherein said fabric bag is made of cellulosic fabric which is coated with a low molecular weight chitosan solution. Products are enclosed inside fabric bag and upper end portion is sealed by fastening means after enclosing the products. The fabric bag is kept in a ventilated room and placed on perforated trays or baskets to obtain desired results. Fabric bag can be used for long term storage/short term storage of products, minimizes microbial contamination, delays fruit senescence and accelerates ripening of fruits. The fabric bags are re-usable, biodegradable, environment friendly and economical.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.2954/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR PIPELINED IMAGE PROCESSING

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)Serene BANERJEE
3)Sreenath RAMANNA
4)Anjaneyulu Seetha Rama KUCHIBHOTLA
5)Kadagattur Gopinatha SRINIDHI**

(57) Abstract :

A system and method for pipeline image processing is disclosed. In one example embodiment the one or more swaths of the image may be received on the server from a client device connected to the server via a network. The received one or more swaths are processed on a swath by swath basis to obtain one or more image quality parameters. The obtained one or more image quality parameters are compared with a predetermined threshold level. The obtained one or more image quality parameters may be sent to the client device for further processing of the image based on the obtained one or more image quality parameters.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6252/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CHANNEL ESTIMATION FOR A CONTROL CHANNEL IN AN OFDM SYSTEM

(51) International classification	:H04J11/00
(31) Priority Document No	:2009901411
(32) Priority Date	:01/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/JP2010/056272
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/114167
	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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(72)Name of Inventor :

1)SATHANANTHAN, KANAGARATNAM

2)NGUYEN, PHONG

3)LIN, HUEI-MING

(57) Abstract :

A method of channel estimation for a control channel in an OFDM system of the present invention includes the steps of: performing weighted averaging over time of input LS estimates of a plurality of channel condition matrices; performing frequency domain averaging on the input LS estimates; performing channel estimates on multiple subcarriers of pilot OFDM symbols from the frequency domain averaged input LS estimates; and performing channel estimates on multiple subcarriers of OFDM symbols in the control channel from the channel estimates on the subcarriers of pilot OFDM symbols.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6299/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SELECTIVE HYDROGENATION CATALYST AND METHODS OF MAKING AND USING SAME

(51) International classification	:B01J31/18
(31) Priority Document No	:61/157,491
(32) Priority Date	:04/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025038
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/101736 A3
(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)CHEUNG TIN-TACK PETER
2)HONG, ZONGZUAN

(57) Abstract :

A composition comprising a supported hydrogenation catalyst comprising palladium and an organophosphorous compound, the supported hydrogenation catalyst being capable of selectively hydrogenating highly unsaturated hydrocarbons to unsaturated hydrocarbons. A method of making a selective hydrogenation catalyst comprising contacting a support with a palladium- containing compound to form a palladium supported composition, contacting the palladium supported composition with an organophosphorous compound to form a catalyst precursor, and reducing the catalyst precursor to form the catalyst. A method of selectively hydrogenating highly unsaturated hydrocarbons to an unsaturated hydrocarbon enriched composition comprising contacting a supported catalyst comprising palladium and an organophosphorous compound with a feed comprising highly unsaturated hydrocarbon under conditions suitable for hydrogenating at least a portion of the highly unsaturated hydrocarbon feed to form the unsaturated hydrocarbon enriched composition.

No. of Pages : 53 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6139/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR OPTIMIZING THE REDUCTION OF MOBILITY SIGNALLING AT INTER RAT CHANGE

(51) International classification	:H04W48/18	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO Japan
(31) Priority Document No	:09151818.3	
(32) Priority Date	:30/01/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/JP2010/051313	
Filing Date	:26/01/2010	
(87) International Publication No	:WO 2010/087469	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for optimizing the reduction of mobility signalling after an Inter-RAT change for a UE roaming between a source area covered by a source telecommunication core network and a target area covered by a target core telecommunication network, wherein a signalling reduction function is activated by the source telecommunication core network, and wherein deactivation triggering events of the signalling reduction function generates a need for registration update at next IRAT change occurred. The method comprises the steps: storing in the UE a parameter the value of which indicates whether or not the deactivation triggering events of the signaling reduction function only correspond to the UE context modification, and, after the Inter-RAT change, checking the event generating the Inter-RAT change, and, checking the value of the parameter, cancelling the need for registration update or validating the need for registration update depending on the event generating the Inter-RAT change and on the value of the stored parameter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6283/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVEMENTS IN METHODS FOR PRODUCING LENS ARRAYS□

(51) International classification	:G02B27/22
(31) Priority Document No	:61/157,309
(32) Priority Date	:04/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000243
Filing Date	:03/03/2010
(87) 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 :Potter Street Craigieburn Victoria
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(72)**Name of Inventor :**

1)MOON Jonathan A.

2)ROBERTS David E.

(57) Abstract :

There is provided a lens array for imaging a plurality of image elements in an object plane and a method of making a lens array. The lens array includes a plurality of lenslets formed in or on one side of a transparent or translucent material with the image elements disposed on the opposite side and has a gauge thickness corresponding to the distance from the apex of each lenslet to the object plane. Each lenslet has a set of lens parameters. The gauge thickness and/or at least one lens parameter is or are optimised such that each lenslet has a focal point size in the object plane which is either substantially equal to the size of the image elements in the object plane or varies from the size of the image elements by a predetermined amount.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6284/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A TELECOM□UNICATION TOWER SEGMENT□

(51) International classification	:E04H12/12
(31) Priority Document No	:61/161,506
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International□Application No	:PCT/SE2009/051391
Filing Date	:08/12/2009
(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)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE-164 83 Stockholm Sweden

(72)**Name of Inventor :**

1)H,,GER Peter

(57) Abstract :

A telecommunications tower segment for the construction of a section of a telecommunications tower is disclosed. A plurality of such segments is adapted to form a tubular section of the telecommunications tower. Each telecommunications tower segment has a convex first surface. Additionally each telecommunications tower segment has a second surface opposite to the first surface wherein the second surface is flat or partly flat.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.6285/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEMS AND METHODS FOR MAINTAINING THE DOMINANCE AND INCREASING THE BIOMASS PRODUCTION OF NANNOCHLOROPSIS IN AN ALGAE CULTIVATION SYSTEM□

(51) International classification	:C12M1/00
(31) Priority Document No	:12/322,668
(32) Priority Date	:04/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000346
Filing Date	:04/02/2010
(87) 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)AURORA ALGAE, INC.

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(72)**Name of Inventor :**

1)WEISSMAN JOSEPH

2)RADAELLI GUIDO

3)RICE DAVID

(57) Abstract :

Systems and methods for maintaining the dominance and increasing the biomass production of Nannochloropsis in an algae cultivation system are provided. Exemplary methods include applying an effective amount of ozone to Nannochloropsis growing in an algae cultivation system. A further method may include applying a shock amount of ozone above 10 milligrams/liter or higher in the inlet stream flowing into the algae cultivation system. Various exemplary embodiments may include a system for maintaining dominance and increasing the biomass production of Nannochloropsis in an algae cultivation system. The system may comprise a processor and a computer readable storage medium having instructions for execution by the processor. The instructions for execution by the processor cause the processor to maintain dominance and increase biomass production of the Nannochloropsis in the algae cultivation system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.7038/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVELOPER SUPPLY CONTAINER AND DEVELOPER SUPPLYING SYSTEM

(51) International classification	:G03G15/08
(31) Priority Document No	:2009-082077
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056134
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/114154
	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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1)OKINO, AYATOMO

2)NAGASHIMA, TOSHIAKI

3)MURAKAMI, KATSUYA

4)TAZAWA, FUMIO

5)YAMADA, YUSUKE

(57) Abstract :

Conventionally, the developer in the developer supply container is discharged by an air-supply pump and a suction pump which are provided in the main assembly side of the image forming apparatus, and therefore, the developer is compacted by the increase of the internal pressure of the developer supply container resulting from the air-supply. Therefore, the proper suction of the developer from the developer supply container becomes difficult with the result of shortage of the developer amount to be supplied. A bellow-like pump is provided on the side of the developer supply container, and the pump alternately repeats the suction operation and the discharging operation through the discharge opening by a driving force inputted from the image forming apparatus side. By this, the developer can be sufficiently loosened, thus properly discharging the developer.

No. of Pages : 286 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7283/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITE THERMOELECTRIC MATERIAL AND METHOD FOR PRODUCING THE SAME

(51) International classification	:H01L35/26
(31) Priority Document No	:2009-092507
(32) Priority Date	:06/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/US2010/029632
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/117875 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 :**

1)3M INNOVATIVE PROPERTIES COMPANY

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33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)**Name of Inventor :**

1)MINAMI, HIDEKI

2)HIROSHIGE, YUJI

(57) Abstract :

The present disclosure provides a thermoelectric material which can be formed into a flexible and thin type material. The thermoelectric material is a composite that includes a binder resin, thermoelectric material particles dispersed in the binder resin, and fine metal particles supported on a surface of the thermoelectric material particles.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.7671/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CIRCULAR COMB

(51) International classification	:D01G19/10
(31) Priority Document No	:10 2009 018 058.3
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP/2010/002285
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/121736 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)STAEDTLER + UHL KG

Address of Applicant :NORDLICHE RINGSTRASSE 12
91126, SCHWABACH Germany

(72)Name of Inventor :

1)HENNINGER, FRIEDRICH

(57) Abstract :

Circular comb for a combing machine for combing textile fibres, comprising a base body (2) with a centre longitudinal axis (3), a peripheral surface (4) and two end faces (5), a plurality of bar tacks (9; 32; 32a; 42), which are arranged on the peripheral surface (4) of the base body (2) and define a combing region of the circular comb, a plurality of fastening devices (8; 38) attached to the base body (2) for the non-positive connection of one of the bar tacks (9; 32; 32a; 42) in each case to the base body (2) and unlocking units to release the non-positive connections, each unlocking unit having an unlocking device (13; 48) and an unlocking means (12) to actuate the unlocking device (13; 48), wherein the unlocking units are accessible from outside the combing region, in particular from at least one of the end faces (5), and an additional positive securing connection to secure the bar tacks (9; 32; 32a; 42) is provided on the base body (2).

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7783/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROL AND DATA MULTIPLEXING IN A MIMO COMMUNICATION

(51) International classification	:H04L1/00
(31) Priority Document No	:61/172,140
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032287
Filing Date	:23/04/2010
(87) International Publication No	:WO/2010/124244
(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)WANSHI CHEN

2)XIAOXIA ZHANG

3)JUAN MONTOJO

4)DURGA PRASAD MALLADI

(57) Abstract :

Systems and methodologies are described herein that facilitate control and data multiplexing for uplink (UL) multiple-input-multiple-output (MIMO) communication within a wireless communication system. As described herein, a device conducting uplink MIMO communication in a wireless communication system can multiplex control signaling and data across one or more of a plurality of layers (e.g., corresponding to spatial layers, codewords, etc.) associated with an uplink transmission. Techniques are described herein for selecting layers of a transmission on which to schedule control signaling and selecting offsets to apply to the control signaling scheduled on selected layers. Further, techniques are described herein for leveraging a multi-layer transmission to increase the efficiency of acknowledgement communication. In addition, techniques are described for selecting a modulation and coding scheme (MCS) to apply to control signaling that is combined with data in an uplink multi-layer transmission.

No. of Pages : 64 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.7869/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POWER TRANSMITTING DEVICE FOR HYBRID VEHICLE

(51) International classification	:B60K6/365
(31) Priority Document No	:2009-082177
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/053210
Filing Date	:01/03/2010
(87) International Publication No	:WO 2010/116818
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HONDA MOTOR CO., LTD.

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(72)Name of Inventor :

**1)ONOMURA, YASUHIRO
2)FUJIMOTO, SHINJI
3)OBINATA, JIRO
4)YATSUGI, TAKU
5)KUBO, KATSUMI**

(57) Abstract :

A power transmitting device provided with: a main input shaft 11 selectively connected to an output shaft 2a of an engine 2 by a main clutch CM; first and second sub input shafts 12 and 13 disposed coaxially with the main input shaft 11 and selectively connected to the main input shaft 11 by clutches CI and C2, respectively; an output shaft 14 connected to the first and second sub input shafts 12 and 13 via a pair of gears 15 and 16, respectively, and outputting motive power to driving wheels 4 and 4 via a counter shaft 17; and a deceleration mechanism 8 configured so as to be capable of differentially rotating a sun gear 8s, which is connected to the main input shaft 11 and an electric motor 3, a ring gear 8r, and a carrier 8c, which is connected to the first sub input shaft 12, with respect to one another and transmitting the motive power to the output shaft 14 via the carrier 8c. A brake B capable of locking the ring gear 8r is connected to the ring gear 8r.

No. of Pages : 89 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7986/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HIGH CAPACITY EXTRUSION DIE ASSEMBLY

(51) International classification	:A23P1/12
(31) Priority Document No	:12/420,677
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/053124
Filing Date	:07/08/2009
(87) International Publication No	:WO 2010/117380 A1
(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)KEARNS, JOSEPH, P.

2)ROKEY, GALEN, J.

3)WILTZ, PHILIP, B.

4)BRUNING, ANTHONY, L.

5)BAILEY, LAFE, N.

(57) Abstract :

High-capacity extrusion die assemblies (20, 90, 130, 140, 180, 252) each having a tubular sections (44, 146, 162, 268) and an elongated, axially rotatable, helically flighted screw section (56, 56a, 152, 168, 276, 278) which cooperatively define frustoconical, outwardly diverging material flow paths (75, 160, 291) at constant or differing divergence angles of from about 1-11°. The use of diverging tubular sections (44, 146, 162, 268) and screw sections (56, 56a, 152, 168, 276, 278) permits the use of larger die plates (76, 118, 292) with an increased number of die openings (80, .124, 296). This allows significant increases in extrusion production rates. The die assemblies (20, 90, 130, 140, 180, 252) can be used in the production of a wide number of human foods or animal feeds, and particularly aquatic feeds of the floating or sinking variety. In another aspect of the invention, an extruder (210) is provided having diverging and converging sections (212, 214) along the length thereof and defining corresponding flow paths (230, 246).

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7987/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SOLAR RECEIVER WITH NATURAL CIRCULATION FOR GENERATING SATURATED STEAM

(51) International classification	:H01L31/04	(71) Name of Applicant :
(31) Priority Document No	:P200900937	1)ABENGOA SOLAR NEW TECHNOLOGIES, S.A.
(32) Priority Date	:06/04/2009	Address of Applicant :AVENIDA DE LA BUHAIRA 2,
(33) Name of priority country	:Spain	41018 SEVILLA Spain
(86) International Application No	:PCT/ES2010/000137	(72) Name of Inventor :
Filing Date	:31/03/2010	1)NAVIO GILABERTE, RAUL
(87) International Publication No	:WO 2010/116010	2)SERRANO GALLAR, LUCIA
(61) Patent of Addition to Application Number	A1	3)OSUNA GONZALEZ-AGUILAR, RAFAEL
Filing Date	:NA	4)LLORENTE FOLCH, PAULA
(62) Divisional to Application Number	:NA	5)FERNANDEZ QUERO, VALERIO
Filing Date	:NA	

(57) Abstract :

The invention relates to a solar receiver with natural circulation for generating saturated steam, which uses water/steam as a heat-transfer fluid and includes a combined circuit for fluid recirculation (forced circulation and natural circulation). The system comprises: water-walls which receive the radiation on the surface thereof and inside which the working fluid changes phase; riser pipes through which the saturated steam exiting the pipes of the receiver rises towards the boiler; downpipes through which the recirculation water descends from the boiler to the receiver; and a support pump in order to increase the incident power in the receiver and start up the plant when necessary.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7990/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PYRROLOPYRROLE DERIVATIVES, THEIR MANUFACTURE AND USE

(51) International classification	:C07D487/04
(31) Priority Document No	:09157579.5
(32) Priority Date	:08/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054152
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/115767
	A1
(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 :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)HAYOZ, PASCAL

2)AEBISCHER, OLIVIER, FREDERIC

3)DUGGELI, MATHIAS

4)TURBIEZ, MATHIEU, G.R.

5)FONRODONA TURON, MARTA

6)CHEBOTAREVA, NATALIA

(57) Abstract :

The present invention relates to compounds of the formula wherein the substituents are as defined in claim 1, and their use as organic semiconductor in organic devices, like diodes, organic field effect transistors and/or solar cells. The compounds of the formula I have excellent solubility in organic solvents. High efficiency of energy conversion, excellent field-effect mobility, good on/off current ratios and/or excellent stability can be observed, when said compounds are used in semiconductor devices or organic photovoltaic (PV) devices (solar cells).

No. of Pages : 83 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7994/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : FUNCTIONAL FLUID COMPOSITIONS WITH IMPROVED SEAL SWELL PROPERITES

(51) International classification	:C10M111/02	(71) Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR THE HAGUE Netherlands
(31) Priority Document No	:09251243.3	
(32) Priority Date	:01/05/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/055807	
Filing Date	:29/04/2010	
(87) International Publication No	:WO 2010/125144	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A functional fluid composition comprising: (a) from 70% to 99.99%, by weight of the fluid composition, of a base oil composition comprising: (i) from 50% to 95% by weight of the base oil composition, of a naphthenic base oil; and (ii) from 5% to 50%, by weight of the base oil composition, of a Fischer-Tropsch derived base oil. The functional fluid compositions according to the present invention are suitable for use in hydraulic fluids and shock absorber fluids and are useful for reducing the volume swell of synthetic rubbers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7995/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITION FOR METAL PLATING COMPRISING SUPPRESSING AGENT FOR VOID FREE SUBMICRON FEATURE FILLING

(51) International classification	:C25D3/38
(31) Priority Document No	:09005106.1
(32) Priority Date	:07/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/053881
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/115717
	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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2)RAETHER, ROMAN BENEDIKT

3)EMNET, CHARLOTTE

4)HAAG, ALEXANDRA

5)MAYER, DIETER

(57) Abstract :

A composition for filling submicrometer sized features having an aperture size of 30 nanometers or less comprising a source of copper ions, and at least one suppressing agent selected from compounds of formula I wherein - the R1 radicals are each independently selected from a copolymer of ethylene oxide and at least one further C3 to C4 alkylene oxide, said copolymer being a random copolymer. -the R2 radicals are each independently selected from R1 or alkyl. - X and Y are spacer groups independently, and X for each repeating unit independently, selected from C1 to C6 alkylen and Z-(0-Z)m wherein the Z radicals are each independently selected from C2 to C6 alkylen, - n is an integer equal to or greater than 0. - m is an integer equal to or greater than 1

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7997/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ELECTRONIC DISPLAY PANEL

(51) International classification	:F21V29/00
(31) Priority Document No	:12/434,607
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033371
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/127340 A1
(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)HERMS, RICHARD, ALAN

2)WARWARICK, STANLEY, ROBERT

3)VAN RENSSELAER, HENDRICK, PHILIP

(57) Abstract :

A multi-panel electronic display for use on a structure, comprising a frame removably attached to the structure in such a way as to encounter a natural airflow a plurality of individual panels mounted on the frame, each panel comprising a first side and a second side opposite the first side, the first side comprising a plurality of light sources wherein each individual panel works with other individual panels to display an image, and a printed circuit on the second side of more than one of the individual panels of the multipanel electronic display and in thermally conductive communication with the frame such that heat generated by electronic components on the circuit board is dissipated within the frame and such that the frame is cooled by the natural airflow. The frame may be corrugated to facilitate dissipation of the heat and create space for electrical wiring, and include thermally conductive pads.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7998/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITION FOR METAL PLATING COMPRISING SUPPRESSING AGENT FOR VOID FREE SUBMICRON FEATURE FILLING

(51) International classification	:C25D3/38
(31) Priority Document No	:09157542.3
(32) Priority Date	:07/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054108
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/115756
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BASF SE

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(72)**Name of Inventor :**

1)ROGER-GOPFERT, CORNELIA

2)RAETHER, ROMAN BENEDIKT

3)EMNET, CHARLOTTE

4)HAAG, ALEXANDRA

5)MAYER, DIETER

(57) Abstract :

A composition comprising a source of metal ions and at least one suppressing agent obtainable by reacting a) an amine compound comprising active amino functional groups with b) a mixture of ethylene oxide and at least one compound selected from C3 and C4 alkylene oxides, said suppressing agent having a molecular weight Mw of 6000 g/mol or more.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.7999/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CROSS-CHANNEL COAUTHORING CONSISTENCY

(51) International classification	:G06F15/16
(31) Priority Document No	:12/433,929
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033241
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127291 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)BAILOR, JONATHAN B

2)ANTOS, CHRISTOPHER J

3)BERNSTEIN, ETHAN J.

(57) Abstract :

A computing device includes a processing unit, and a memory with instructions that, when executed by the processing unit, cause the processing unit to create: a document processing module that processes the creation and editing of document content; and a metadata processing module that generates, monitors and stores metadata for a document on the computing device, the metadata processing module generating lock creation metadata that include information about a new lock that is created when a user begins to edit a portion of a document, lock removal metadata that includes information about removing a lock, and lock deletion metadata that includes information about deleting a lock, the metadata processing module writing lock creation metadata to both a data channel and to a separate metadata channel, the metadata processing module writing lock removal metadata to the data channel and the metadata processing module writing lock deletion metadata to the metadata channel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.6443/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ORTHOGONAL TUNABLE ANTENNA ARRAY FOR WIRELESS COMMUNICATION DEVICES

(51) International classification	:H01Q1/24
(31) Priority Document No	:12/404,182
(32) Priority Date	:13/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027353
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/105273 A1
(61) 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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DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)**Name of Inventor :**

1)ALLEN MINH-TRIET TRAN

(57) Abstract :

A multi-band antenna array for use in wireless communication devices with up to three simultaneous operating modes with improved antenna efficiency and reduced antenna coupling across a broad range of operative frequency bands with reduced physical size is described. The multi-band antenna array includes at least two loop antenna elements, each of which is orthogonal to, and arranged in an embedded manner, relative to each other. Each loop antenna in the multi-band antenna array may include a corresponding tuning element for tuning to a desired resonant frequency, and be comprised of an upper and lower half with the corresponding tuning element coupled therebetween.

No. of Pages : 26 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.6778/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR PRODUCING OPTICAL FIBER PREFORM

(51) International classification	:C03B37/014
(31) Priority Document No	:2009-059956
(32) Priority Date	:12/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001801
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/103858
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FUJIKURA LTD.

Address of Applicant :5-1, KIBA 1-CHOME, KOHTOH-KU,
TOKYO 135-8512 Japan

(72)Name of Inventor :

1)HAMADA, TAKAHIRO

(57) Abstract :

A method for producing an optical fiber preform includes a dehydration step and a sintering step. In the dehydration step, a porous glass base material is provided to a furnace core tube of a dehydration-sintering furnace, and the porous glass base material is dehydrated using a dehydration agent added with an argon gas. In the sintering step, the porous glass base material dehydrated in the dehydration step is sintered. Further, in the dehydration step, a temperature of the porous glass base material begins to be increased in a condition such that a high heat conductivity gas, having a heat conductivity higher than a heat conductivity of the argon gas, is remaining inside the porous glass base material.

No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.7683/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INHIBITORS OF BRUTONS TYROSINE KINASE

(51) International classification	:C07D403/14
(31) Priority Document No	:61/172,288
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/055227
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122038
	A1
(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)DEWDNEY, NOLAN JAMES

2)HAWLEY, RONALD CHARLES

3)KONDRA, RAMA, K

4)LAI, YINGJIE

5)LOU, YAN

(57) Abstract :

This application discloses 5-phenyl-1H-pyridin-2-one, 6-phenyl-2H-pyridazin-3-one, and 5-phenyl-1H-pyrazin-2-one derivatives according to generic Formula A: wherein, variables Z or Q1,Q2, Y3, Y4, Y and m are defined as described herein, which inhibit Btk. The compounds disclosed herein are useful to modulate the activity of Btk and treat diseases associated with excessive Btk activity. The compounds are further useful to treat inflammatory and auto immune diseases associated with aberrant B-cell proliferation such as rheumatoid arthritis. Also disclosed are compositions containing compounds of Formula A and at least one carrier, diluent or excipient.

No. of Pages : 63 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.7933/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : AIRCRAFT SEAT

(51) International classification	:B64D11/06
(31) Priority Document No	:0905538.5
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000679
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/112875 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)COBRA UK AUTOMOTIVE PRODUCTS DIVISION
LIMITED**

Address of Applicant :RAVENS CROFT COURT,
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U.K.

(72)**Name of Inventor :**

1)SEALE, GARY

(57) Abstract :

In one aspect, an aircraft seat assembly comprises a plurality of seat skeleton parts held in juxtaposition with one another by means of an over-moulded polymer material. In another aspect an aircraft seat assembly comprises a seat back portion having an expanded polymer material over-moulded over a seat skeleton part, the seat back portion having posterior recesses that allow additional knee-space for a passenger seated in a seat behind. In another aspect an interior structural component of an aircraft comprises a moulded polymer encapsulated by a metallic flashing.

No. of Pages : 23 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8011/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : IMPROVED LEAN HC CONVERSION OF TWC FOR LEAN BURN GASOLINE ENGINES

(51) International classification	:F01N3/28
(31) Priority Document No	:61/175,312
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033457
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129490 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 :

1)BASF CORPORATION

Address of Applicant :100 CAMPUS DRIVE, FLORHAM PARK, NJ 07932 U.S.A.

(72)Name of Inventor :

1)HILGERNDORFF, MARCUS

2)XUE, WEN, MEI

3)TOLENTINO, CESAR

(57) Abstract :

The present invention relates to a catalyst composition comprising a carrier substrate, a layer (i) coated on said carrier substrate comprising at least one precious group metal, a layer (ii) comprising Rh, and a layer (iii) comprising Pd and/or Pt and being substantially free of Ce, Ba and Rh, wherein the layer (iii) has a lower weight than the layer (i) or the layer (ii). Furthermore, the present invention relates to a method for treating an exhaust gas stream using said catalyst composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2942/CHE/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : POLYNUCLEOTIDE, POLYPEPTIDE SEQUENCES AND METHODS THEREOF

(51) International classification	:C12N, C07K14/00	(71) Name of Applicant : 1)OSMANIA UNIVERSITY Address of Applicant :Hyderabad - 500 007 Andhra Pradesh India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KHAREEDU VENKATESWARA RAO
(87) International Publication No	: NA	2)VUDEM DASHAVANTHA REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to identifying and characterizing polynucleotide sequences encoding proteins more particularly from Cajanus cajan, that are associated with abiotic stress responses in plants. In particular, the present disclosure provides a method for producing abiotic stress tolerant transgenic plant, more specifically salt, drought, heat and/or cold stress tolerant plant.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.6759/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SUPPORT SYSTEM FOR SOLAR PANELS

(51) International classification	:H01L31/042
(31) Priority Document No	:12/383,240
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000526
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/107466 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NORTHERN STATES METALS COMPANY

Address of Applicant :51 NORTH MAIN STREET, WEST HARTFORD, CT 06127 U.S.A.

(72)Name of Inventor :

1)CUSSON, PAUL, R.

2)VOYTILLA, ROBERT, J.

3)GREENAMYER, MICHAEL, G.

4)KILAR, THOMAS, P.

(57) Abstract :

Precise parameters are maintained in a support system for solar panels or other panel-like structures through use of a collapsible folding, support frame which is preassembled to precise tolerances at a convenient staging site before being collapsed for shipment. Installation on flat roofs is also facilitated through the use of roof interface frame which rotatably supports the panel support frame of the support system and folds along with it at the assembly staging site.

No. of Pages : 68 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.6762/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MULTIPURPOSE ACIDIC, ORGANIC SOLVENT BASED MICROELECTRONIC CLEANING COMPOSITION

(51) International classification	:G03F7/42	(71) Name of Applicant :
(31) Priority Document No	:61/155,309	1)AVANTOR PERFORMANCE MATERIALS, INC.
(32) Priority Date	:25/02/2009	Address of Applicant :222 RED SCHOOL LANE, PHILLIPSBURG, NEW JERSEY 08865 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/020974	1)HSU, CHIEN-PIN S.
Filing Date	:14/01/2010	2)WESTWOOD, GLENN
(87) International Publication No	:WO 2010/09889 A1	3)GEMMILL, WILLIAM, R.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cleaning composition for cleaning microelectronic or nanoelectronic devices, the cleaning composition having HF as the sole acid and sole fluoride compound in the composition, at least one primary solvent selected from the group consisting of sulfones and selenones, at least one polyhydroxyl alkyl or aryl alcohol co-solvent having metal ion complexing or binding sites, and water, and optionally at least one phosphonic acid corrosion inhibitor compound and the is free of amines, bases and other salts.

No. of Pages : 13 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.8000/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MANAGING VIRTUAL PORTS

(51) International classification	:A63F13/00
(31) Priority Document No	:12/434,584
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032975
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127121 A2
(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)STONE-PEREZ, KATHRYN

2)MARGOLIS, JEFFREY

3)FINOCCHIO, MARK, J

4)KEANE, BRIAN, E.

5)POOT, RUDY, JACOBUS

6)LATTA, STEPHEN, G

(57) Abstract :

Techniques for managing virtual ports are disclosed herein. Each such virtual port may have different associated features such as, for example, privileges, rights or options. When one or more users are in a capture scene of a gesture based system, the system may associate virtual ports with the users and maintain the virtual ports. Also provided are techniques for disassociating virtual ports with users or swapping virtual ports between two or more users.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8021/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PRESENTATION OF INFORMATION IN MOTOR VEHICLE

(51) International classification	:B60K35/00
(31) Priority Document No	:0950333-5
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050485
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/132009
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCANIA CV AB

Address of Applicant :S-151 87 SODERTALJE Sweden

(72)Name of Inventor :

1)JAN DANIELSSON

(57) Abstract :

The information presentation system for a motor vehicle comprises a viewing unit (110) and a control unit (120). The viewing unit (110) presents information about the vehicle and/or the surroundings of the vehicle. The vehicle is also adapted to reading data describing a driver- specific identity (ID), e.g. from a memory module (165) or via a login procedure. The control unit (120) receives the identity (ID) read, status signals (S) describing states of the vehicle and/or its surroundings and reads a presentation history (H) from a predetermined storage space (170, 175). On the basis of the status signals (S) and the presentation history (H) for the respective identity (ID), the control unit (120) generates output data (D) for presentation via the viewing unit (110) so that a certain status signal (S) results in a first type of information presentation on a first occasion and in a second type of information presentation on a second occasion, provided that at least one condition not fulfilled for the presentation history (H) on the first occasion is fulfilled on the second occasion. In other words, a certain status signal (S) results in information presentation via the viewing unit (110), which presentation depends on the presentation history (H) for the respective identity (ID). The control unit (120) also updates continuously the presentation history (H) in the storage space (170, 175).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2011

(21) Application No.6288/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LIGHTING UNIT AND LUMINAIRE FOR ROAD AND/OR STREET LIGHTING□

(51) International classification	:F21S8□00
(31) Priority Document No	:09290189.1
(32) Priority Date	:17/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/053466
Filing Date	:17/03/2010
(87) 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)RAMI Jean-Paul

2)ROCARD Florian

(57) Abstract :

A lighting unit (10) for use in a luminaire (1) in particular a luminaire for road and/or street lighting has an adaptable light distribution. The lighting unit (10) comprises at least two light sources (1 121) or groups of light sources each of said light sources (11 12) or groups of light sources having an individual light distribution characteristic wherein the overall light distribution of the lighting unit (10) is adapted by modifying the ratio of the light outputs of the at least two light sources (11 12) or groups of light sources.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.6704/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COKE OVEN BODY INSPECTION AND REPAIR MANAGEMENT SYSTEM AND METHOD

(51) International classification	:C10B29/06
(31) Priority Document No	:2009-057530
(32) Priority Date	:11/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/053556
Filing Date	:04/03/2010
(87) International Publication No	:WO 2010/103992
	A1
(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)HARUHISA UEDA

2)HIDETAKA OOSHIMA

3)HIDENORI MIYATA

4)HIDETAKA YAMASHITA

(57) Abstract :

There are provided: an oven body management server (1) forming and storing inspection and repair management guideline data of a coke oven body; a wall surface management information input unit (3) transmitting, as wall surface management information (4), inspection and repair information relating to a wall surface of the coke oven body, which is input through handwriting and converted into electronic data, to the oven body management server (1); and an oven body management information input/output unit (2) transmitting, as oven body management information (5), input inspection and repair information relating to predetermined portions other than the wall surface of the coke oven body to the oven body management server (1). The oven body management server (1) specifies, based on inspection dates and damage degrees included in the wall surface management information (4) and the oven body management information (5), a priority of inspection work on a kiln-by-kiln bases and a preferential inspection portion of the kiln, and specifies, based on the damage degrees included in the wall surface management information (4) and the oven body management information (5), a priority of repair work on a kiln-by-kiln basis and a preferential repair portion of the kiln. Accordingly, when determining the priorities of the inspection work and the repair work, the priorities can be determined with comprehensive consideration given to not only a deterioration of inner wall brick but also a deterioration of the other portions (predetermined portions other than the wall surface) of the coke oven body.

No. of Pages : 50 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.7271/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PUMP-LESS TONER DISPENSER

(51) International classification	:B65D83/00
(31) Priority Document No	:12/419,908
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030209
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/118113 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M CENTER, POST OFFICE BOX
33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor :

1)CENTOFANTE, CHARLES A.

2)BOOTHMAN, BRIAN S.

(57) Abstract :

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for dispensing toners. In one aspect, a toner dispensing system includes a toner container; a cap and valve assembly coupled to the toner container, the cap and valve assembly including: a movable valve assembly, the movable valve assembly having a first position and a second position, a toner path, and an air inlet path, where in a first valve assembly position the toner path and the air inlet path are closed, and in a second valve assembly position the toner path and the air inlet path are open; an air assembly including a first air supply coupled to the air path of the cap and valve assembly and a second regulated air supply coupled to the toner container; and a control assembly for controlling the second air supply.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8051/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : MODULAR INGESTIBLE DRUG DELIVERY CAPSULE

(51) International classification	:A61M31/00	(71) Name of Applicant : 1)MEDIMETRICS PERSONALIZED DRUG DELIVERY B.V.
(31) Priority Document No	:61/167,240	Address of Applicant :HIGH TECH CAMPUS 5 (3.051), 5656AE, EINDHOVEN Netherlands
(32) Priority Date	:07/04/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/051453	1)DIJKSMAN, JOHAN FREDERIK
Filing Date	:02/04/2010	2)PIERIK, ANKE
(87) International Publication No	:WO 2010/116312	3)DE JONGH, FRITS TOBI
	A1	4)SHIMIZU, JEFF
(61) Patent of Addition to Application Number	:NA	5)ZOU, HANS
Filing Date	:NA	6)ALBU, LUCIAN REMUS
(62) Divisional to Application Number	:NA	7)WEINER, OLAF HERMANN
Filing Date	:NA	

(57) Abstract :

An ingestible capsule (10) is provided for delivery of a drug, the capsule (10) comprises a first module (11) and a second module (12). The first module (11) has at least one drug compartment (13) for comprising an amount of the drug. The drug compartment (13) is sealed by a foil (14) with an embedded conducting heating wire (15). The second (12) module comprises electronics (18) for providing an electrical pulse to the heating wire (15) in order to open the drug compartment (13) by melting the foil (14). The first module (11) and second module (12) comprise interoperable connection means (19) for securing the first module (11) to the second module (12) such that the heating wire (15) is electronically coupled to the electronics (18).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8052/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : VALVELESS DRUG DELIVERY DEVICE

(51) International classification :A61M5/142

(31) Priority Document No :61/167,238

(32) Priority Date :07/04/2009

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

(86) International Application No :PCT/IB2010/051429
Filing Date :01/04/2010

(87) International Publication No :WO 2010/116304
A1

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

**1)MEDIMETRICS PERSONALIZED DRUG DELIVERY
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(72)Name of Inventor :

**1)SHIMIZU, JEFF
2)ZOU, HANS
3)DIJKSMAN, JOHAN FREDERIK**

(57) Abstract :

A drug delivery device (10) comprising a drug reservoir (13), at least one dispensing hole (14), an actuator system (17) and an exit path (15). The drug reservoir (13) is provided for comprising a drug. The dispensing hole (14) delivers the drug to an environment of the drug delivery device (10) when the actuator system (17) pushes the drug from the drug reservoir (13) through the dispensing hole (14). The exit path (15) couples the drug reservoir (13) to the dispensing hole (14). The exit path (15) comprises at least one entry point (16) for coupling the exit path (15) to the drug reservoir (13) and is arranged in such a way that for any possible orientation of the drug delivery device (10) at least a part of the exit path (15) is situated above the gravity center of said drug reservoir or below the dispensing hole (14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8053/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ISOXAZOLE-PYRAZOLE DERIVATIVES

(51) International classification	:C07D413/12
(31) Priority Document No	:09159364.0
(32) Priority Date	:05/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055694
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127975
	A1
(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)JAKOB-ROETNE, ROLAND

2)LUCAS, MATTHEW C.

3)THOMAS, ANDREW

(57) Abstract :

The present invention is concerned with isoxazole-pyrazole derivatives of formula I, having affinity and selectivity for GABA A $\alpha 5$ receptor, their manufacture, pharmaceutical compositions containing them and their use as medicaments. The active compounds of the present invention are useful as cognitive enhancer or for the therapeutic and/or prophylactic treatment of cognitive disorders like Alzheimer's disease.

No. of Pages : 182 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8056/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RICE ZINC FINGER PORTEIN TRANSCRIPTION FACT DST AND USE THEREOF FOR REGULATING DROUGHT AND SALT TOLERANCE

(51) International classification	:C07K14/415
(31) Priority Document No	:200910048955.3
(32) Priority Date	:08/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071587
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/115368 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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1)LIN, HONGXUAN

2)HUANG, XINYUAN

3)CHAO, DAIYIN

4)GAO, JIPING

5)ZHU, MEIZHEN

6)SHI, MIN

(57) Abstract :

Provided are zinc finger protein transcription factor DST having the amino acid sequence as shown in SEQ ID NO: 2, conservative variants and homologous polypeptides thereof. Also provided are DNA sequence encoding the transcription factor DST, vector or host cell comprising the DNA sequence, cis-acting element binding to the DST, inhibitor or non-conservative variant of the transcription factor DST or encoding sequence thereof, and use of the inhibitor or non-conservative variant for improving the drought and salt tolerance in plant.

No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8057/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PROCESS FOR PREPARING A FLEXIBLE POLYURETHANE FOAM

(51) International classification	:C08G18/36
(31) Priority Document No	:09157641.3
(32) Priority Date	:08/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054646
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/115958
	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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1)PARAMENTIER, HANS
2)VAN TITTELBOOM, PIETER
3)PERSIJN, BART
4)TERMONT, AN
5)LEDOUX, NELE

(57) Abstract :

The process comprises preparing a reaction mixture from a polyisocyanate component and from a polyol component which comprises one or more polyester polyols formed from at least one dimer fatty acid and/or at least one dimer fatty alcohol. In order to improve the processability of the polyurethane flexible foams so that these foams can be produced with the desired hardness and mechanical properties over a broad density range, the isocyanate reactive compounds contain, per 100 parts by weight thereof, 25 to 95 parts by weight of said polyester polyols and 5 to 75 parts by weight of one or more polyether polyols which are free of dimer fatty chains. In this way, no lipophilic filler is needed so that the fogging and emission properties of the foam can be improved. Moreover, softer foam can be produced without having to apply a too low NCO index resulting in better mechanical properties and in particular in a lower compression set. Finally, higher foam densities can be achieved with an isocyanate component having a lower functionality so that the hardness of these foams can be reduced.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8058/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CAR ALARM APPARATUS

(51) International classification	:B60R25/10
(31) Priority Document No	:2009-104433
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/000022
Filing Date	:05/01/2010
(87) International Publication No	:WO 2010/122693
	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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(72)Name of Inventor :

1)HORIE, HIDETOSHI

(57) Abstract :

A car alarm apparatus includes a first horn; a second horn; an electrical source; a theft detection section; a horn switch; a first relay closed when the horn switch is operated; a first fuse connected to the electrical source in series with the first relay and the first horn; a second fuse connected to the electrical source separately from the first fuse; and a second relay connected to the electrical source in series with the second fuse and the second horn, wherein the second relay includes a first contact that connects the second horn to an electrical source through the first fuse and the first relay in parallel with the first horn and a second contact that connects the second horn to the electrical source through the second fuse, and closes the second contact when the occurrence of the theft is detected.

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8012/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : CAP FOR A DRINKING STRAW

(51) International classification	:A47G21/18
(31) Priority Document No	:EP09447019.2
(32) Priority Date	:05/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/BE2010/000036
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127416 A3
(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)MATTHEUS, CHRISTIAAN

(57) Abstract :

Cap (1) for a drinking straw, said cap (1) comprising : - a container (4) provided with an inner chamber (5) and with an element (6) to be torn from one of the wall of the container for enabling access within the chamber, - a body (7) attached to the container (4) and provided with a portion adapted to enter at least partly within the drinking channel, whereby the body is adapted so as to form an air passage (10) between the drinking channel and the gas atmosphere when the said body (7) extends within the drinking straw.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8014/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM FOR ATTACHING AND RELEASING THE HANDLE OF A CONTAINER FOR COOKING FOOD

(51) International classification	:A47J45/07
(31) Priority Document No	:MI2009A 000713
(32) Priority Date	:27/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/000905
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/125437
	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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(72)Name of Inventor :

1)MUNARI, MARCO

(57) Abstract :

The invention describes a system (10) for attaching and releasing the handle of a container (14) for cooking food, in particular for a frying pan, comprising a base portion (12) and a handle portion (26) respectively provided with mutual attachment and release means (18, 20, 22, - 28, 30, 32). Both the base portion (12) and the handle portion (26) as a whole are respectively made in a single piece from heat-resistant plastic material. The handle portion (26) as a whole is rotatable and removable with respect to the base portion (12) to obtain the attachment and/or release of the handle portion (26) with respect to the base portion (12) and thus with respect to the container (14) following the actuation of a release button (36) foreseen on the aforementioned handle portion (26) and capable of activating at least part of the aforementioned attachment means (18, 20, 22; 28, 30, 32).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8016/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD OF CONTROLLING A PROCESS

(51) International classification	:A47L15/00
(31) Priority Document No	:0900600-8
(32) Priority Date	:05/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/000105
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/128919
	A1
(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)YNDEN, MATS

(57) Abstract :

The present invention relates to a method of controlling a process. The process is carried into effect in an installation or a facility which includes closed conduits (2, 3) filled with a liquid, process equipment filled with the liquid, control equipment, as well as at least one flow meter. The flow meter emits pulses to a register in the control equipment. The register is stepped forwards by the pulses, so that the register, together with the control equipment, emits signals for executing the process steps necessary for the process cycle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8017/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SAFENING AGENT

(51) International classification	:A01N25/32
(31) Priority Document No	:09447009.3
(32) Priority Date	:07/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/001034
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/116264
	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 :

1)TAMINCO, NAAMLOZE VENNOOTSCHAP

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(72)Name of Inventor :

1)WILLIAMS, RICHARD

2)ROOSE, PETER

3)DE SAEGHER, JOHAN JOSEF

(57) Abstract :

A compound selected from a composition comprising an auxin, an auxin precursor, an auxin metabolite or a derivative of said auxin, auxin precursor or auxin metabolite and acetaminophen or a derivative thereof for use as a plant safener.

No. of Pages : 157 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8019/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : PARASITIC DEVICES FOR WIRELESS POWER TRANSFER

(51) International classification	:H02J5/00
(31) Priority Document No	:61/173,569
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032854
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127047 A1
(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)NIGEL P. COOK

2)LUKAS SIEBER

3)HANSPETER WIDMER

(57) Abstract :

Exemplary embodiments are directed to wireless power transfer. A method may include wirelessly receiving power from a near field in a first near field coupling mode region with at least one parasitic antenna coupled to a housing having a chargeable device positioned therein. The method may further include generating an enhanced near field from the near field with the at least one parasitic antenna and wirelessly receiving power from the enhanced near field at an at least one receive antenna coupled to the chargeable device.

No. of Pages : 35 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8060/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : RESIST STRIPPING COMPOSITIONS AND METHODS FOR MANUFACTURING ELECTRICAL DEVICES

(51) International classification	:G03F7/42
(31) Priority Document No	:61/176,179
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/055205
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/127943
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

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(72)Name of Inventor :

1)KLIPP, ANDREAS

(57) Abstract :

A liquid composition free from N-alkylpyrrolidones and hydroxyl amine and its derivatives, having a dynamic shear viscosity at 50°C of from 1 to 10 mPas as measured by rotational viscometry and comprising based on the complete weight of the composition, (A) of from 40 to 99.95% by weight of a polar organic solvent exhibiting in the presence of dissolved tetramethylammonium hydroxide (B) a constant removal rate at 50°C for a 30 nm thick polymeric barrier anti-reflective layer containing deep UV absorbing chromophoric groups, (B) of from 0.05 to

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8520/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMPOSITION FOR FORMING DOPED OR NON-DOPED ZINC OXIDE THIN FILM, AND METHOD FOR PRODUCING ZINC OXIDE THIN FILM USING SAME

(51) International classification	:C01G9/02
(31) Priority Document No	:2009-102544
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057071
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123030
(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)INABA, KOICHIRO

2)TOYOTA, KOUJI

3)HAGA, KENICHI

4)TOKUDOME, KOUICHI

(57) Abstract :

Disclosed is a composition for forming a zinc oxide thin film, which contains an organic zinc compound as a starting material, is not ignitable, and can be easily handled. The composition for forming a zinc oxide thin film is capable of forming a transparent zinc oxide thin film which is not doped or doped with a group 3B element by being heated at 300 °C or less. Also disclosed is a method for obtaining a transparent zinc oxide thin film, which is not doped or doped with a group 3B element, using the composition.

Specifically, the composition for forming a zinc oxide thin film contains a product which is obtained by partially hydrolyzing an organic zinc compound by adding water to the organic zinc compound or a solution of the organic zinc compound and a group 3B element compound. In cases when a group 3B element compound is contained, the molar ratio of the group 3B element compound to the organic zinc compound is within the range of 0.005-0.3. The composition is applied to a substrate surface and then heated, thereby forming a zinc oxide thin film which is doped with the group 3B element.

No. of Pages : 79 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.8683/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : EFFICIENT COMBINED HARMONIC TRANSPOSITION

(51) International classification	:G10L21/02
(31) Priority Document No	:61/181,364
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057176
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/136459
	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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1)EKSTRAND, PER

2)VILLEMOES, LARS

3)HEDELIN, PER

(57) Abstract :

The present document relates to audio coding systems which make use of a harmonic transposition method for J high frequency reconstruction (HFR), and to digital effect processors, e.g. so-called excitors, where generation of harmonic distortion adds brightness to the processed signal. In particular; a system configured to generate a high frequency component of a signal 1 from a low frequency component of the signal is described, The system may comprise an analysis filter bank (501) configured to | provide a set of analysis subband signals from the low frequency component of the signal; wherein the set of analysis subband signals comprises at least two analysis subband signals; wherein the analysis filter bank (501) has a frequency resolution of A/, The | system further comprises a nonlinear processing unit (502) configured to determine a set of synthesis subband signals from the set i of analysis subband signals using a transposition order P; wherein the set of synthesis subband signals comprises a portion of the I set of analysis subband signals phase shifted by an amount derived from the transposition order P; and a synthesis filter bank ! (504) configured to generate the high frequency component of the signal from the set of synthesis subband signals; wherein the synthesis filter bank (504) has a frequency resolution of FAf, with F being a resolution factor, with F>\;|; wherein the transposition order P is different from the resolution factor F.

No. of Pages : 58 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8714/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : COMMUNICATION SYSTEM AND METHOD

(51) International classification	:H04B10/14
(31) Priority Document No	:2009902426
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000661
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/135787 A1
(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)EINICKE, GARRY ALLAN
2)HAINSWORTH, DAVID WILLIAM
3)MUNDAY, LANCE GREGORY**

(57) Abstract :

A communication system including: a first communication device located in a first zone; a second communication device located in a second zone for generating an optical carrier signal; and at least one optical fibre connected to the first communication device for supplying power for operation of the first communication device and for supplying the optical carrier signal from said second zone, wherein the first communication device includes: a user interface for inputting reformation; and an optical modulator for modulating the optical carrier signal to include information input with said user interface and forwarding the modulated signal via the at least one optical fibre to the second communication device.

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8716/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INFORMATION DISPLAY SYSTEM

(51) International classification	:G06Q 10/00
(31) Priority Document No	:20091745
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000156
Filing Date	:28/04/2010
(87) International Publication No	:WO/2010/126380
(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)NORDTVEDT, JAN-ERIK

2)HOSOY, JORGEN

(57) Abstract :

An information display system (10) comprises computing hardware (30) coupled to a graphical screen interface. (50) The system (10) further includes one or more interface modules (70) including local data processing thereat for receiving input data streams (S1 to SN). Moreover, the computing hardware (30) is operable to execute one or more software products for generating a software environment presented in operation on the graphical screen interface (50). Furthermore, the computing hardware (30) is operable when executing the one or more software products to present a representation of one or more of the input data streams (S1 to SN) in one or more graphical windows (100,110, 120A to 120F) within the software environment as provided on the graphical screen interface (50).

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8727/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : HYDRAULIC PUMP OPERATING DEVICE AND METHOD FOR USE IN HYDRAULIC SYSTEM

(51) International classification	:F04B49/06
(31) Priority Document No	:2009-237170
(32) Priority Date	:14/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005844
Filing Date	:29/09/2010
(87) International Publication No	:WO 2011/045900
	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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1)TOYOTA, TOSHIHISA

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3)MORIKAWA, KEITA

4)SAKUMA, TOMOYA

(57) Abstract :

The rotational frequency of a variable speed motor is set to a normal rotational frequency setting value (N1). A pressure variation range (AP) is detected based on a pressure detection value P, of a variable displacement pump, detected by a pressure detector. It is determined whether a determination that the detected pressure variation range (AP) is less than or equal to a pressure maintained state detection level (L1) has been continuously given for a period indicated by a timer setting value (T1). If the determination that the detected pressure variation range (AP) is less than or equal to the pressure maintained state detection level (L1) has been continuously given for the predetermined period, then it is detected that the current state is a pressure maintained state, and the rotational frequency of the variable speed motor is switched from the normal rotational frequency setting value N1 to a pressure maintaining rotational frequency setting value(N 2(< N 1)).

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8772/CHEP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : THERMOELECTRIC SYSTEM AND METHOD OF OPERATING SAME

(51) International classification	:H01L31/058
(31) Priority Document No	:61/181899
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036607
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138835 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GMZ ENERGY, INC.

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(72)**Name of Inventor :**

1)CHEN, GANG

2)REN, Zhifeng

3)POUDEL, Bed

4)BENT, Aaron

(57) Abstract :

An apparatus includes an evacuated enclosure which comprises a tubular member extending along a longitudinal axis, a radiation absorber disposed in the enclosure and having a front surface and a back surface, the front surface being adapted for exposure to solar radiation so as to generate heat, at least one thermoelectric converter disposed in the enclosure and thermally coupled to the absorber, the converter having a high-temperature end to receive at least a portion of the generated heat, such that a temperature differential is achieved across the at least one thermoelectric converter, a support structure disposed in the enclosure coupled to a low-temperature end of the thermoelectric converter, where the support structure removes heat from a low-temperature end of the thermoelectric converter, and a heat conducting element extending between the support structure and the evacuated enclosure and adapted to transfer heat from the support structure to the enclosure. The absorber, the at least one thermoelectric converter, and the support structure are arranged as a planar unit located within the tubular member.

No. of Pages : 123 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8783/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NOVEL THERAPEUTIC TREATMENTS USING CENTHAQUIN

(51) International classification	:A61K31/4025
(31) Priority Document No	:61/174,257
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032942
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127096 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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ILLIONIS - 60515 U.S.A.

(72)**Name of Inventor :**

1)GULATI, ANIL

(57) Abstract :

Methods of treating hypertension, pain and resuscitative hemorrhagic shock using an adrenergic agent, like centhaquin, are disclosed. The methods treat mammals, including humans.

No. of Pages : 100 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8022/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : DEVICE FOR DISCHARGING AN EXTRACTION PRODUCT OUT OF A PORTION PACKAGING; PUNCTURING DEVICE AND EXTRACTION APPARATUS

(51) International classification	:A47J31/36
(31) Priority Document No	:09405066.3
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/CH2010/000098
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/118544 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LUNA TECHNOLOGY SYSTEMS LTS GMBH

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(72)**Name of Inventor :**

1)DEUBER, LOUIS

(57) Abstract :

According to one aspect of the invention, a discharge device (1) is provided comprising a supporting surface to rest against a surface region of a capsule as well as at least one perforating element (3) protruding from said supporting surface, wherein a screen element is provided in the supporting surface comprising a plurality of screen perforations through which the extraction product can be discharged, said extraction product escaping out of the capsule through one of the openings created by the perforating element.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8023/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : LIQUID-PERVIOUS FIBROUS NON-WOVEN FABRIC

(51) International classification	:D04H1/54
(31) Priority Document No	:2009-117994
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057373
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/131565
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNICHARM CORPORATION

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(72)Name of Inventor :

1)OBA, TORU

2)MIZUTANI, SATOSHI

3)KIMURA, AKIHIRO

(57) Abstract :

The present invention provides a liquid-pervious fibrous non-woven fabric wherein even viscous bodily fluid can quickly permeate. The liquid-pervious fibrous non-woven fabric 1 including staple fibers 2 made of thermoplastic synthetic resin fused together is formed on its upper surface 3 with a plurality of ridges 6 and a plurality of grooves 7 extending in parallel in a longitudinal direction A and these ridges 6 and grooves 7 are arranged alternately in a transverse direction B. Height t measured from a lower surface 4 of the fibrous non-woven fabric 1 to a bottom 12 of the groove 7 is in a range of 40 to 55% of height T measured from a lower surface 4 of the fibrous non-woven fabric 1 to an apex 11 of the ridge 6. On the upper surface 3, some of the staple fibers 2 (2a) extend across the ridges 6 to the adjacent grooves 7 on each side of the ridges 6 and are, in the respective grooves 7, fused to the staple fibers 2 of a different type from the former staple fibers 2.

No. of Pages : 50 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8267/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : INDOLE DERIVATIVE MODULATORS OF THE ALPHA 7 NACHR

(51) International classification	:C07D401/14
(31) Priority Document No	:61/169,742
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/054910
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119078
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROXIMAGEN LIMITED

Address of Applicant :3RD FLOOR, 91-93 FARRINGDON ROAD, LONDON EC1M 3LN U.K.

(72)Name of Inventor :

1)DINNELL, KEVIN

(57) Abstract :

This invention relates to modulation of the a7 nicotinic acetylcholine receptor (nAChR) by a compound of formula (I) or a salt thereof: wherein R1 is imidazolyl, pyridinyl or pyrimidinyl, any of which is optionally substituted by one group independently selected from C1-3alkyl and C1-3alkoxy.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8588/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD OF LOW DUTY MODE OPERATION FOR FEMTO BASE STATION

(51) International classification	:H04W 52/02
(31) Priority Document No	:61/185,197
(32) Priority Date	:09/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/003670
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/143869 A3
(61) 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)PARK, GI WON
2)KWAK, JIN SAM
3)RYU, KI SEON
4)KIM, YONG HO
5)YUK, YOUNG SOO**

(57) Abstract :

A method of an efficient low duty mode (LDM) operation for a femto base station is disclosed. The method of a low duty mode (LDM) operation for a femto base station comprises operating at an available interval of a first length according to a default LDM pattern; and operating at an unavailable interval of a second length according to the default LDM pattern, wherein the available interval begins with a frame including a first preamble, the first preamble including information of carrier configuration and system bandwidth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8621/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A BINDING APPARATUS

(51) International classification	:E04G21/12
(31) Priority Document No	:09161234.1
(32) Priority Date	:27/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057331
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/136530
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JBJ MECHATRONIC APS

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DK-2820, GENTOFTE Denmark

(72)Name of Inventor :

1)GREGERSEN, JOHAN C

(57) Abstract :

A binding apparatus for binding a wire around one or more objects, the binding apparatus is adapted to bind the wire such that a predetermined tension in the wire is achieved. A method of binding a wire around one or more objects so as to achieve a desired tension of the wire in the binding.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8794/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ORGANISMS FOR THE PRODUCTION OF 1,3-BUTANEDIOL

(51) International classification	:C12N1/21
(31) Priority Document No	:61,174,473
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033300
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127319 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 :**

1)GENOMATICA, INC

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(72)**Name of Inventor :**

1)BURGARD, ANTHONY, P

2)BURK, MARK, J

3)OSTERHOUT, ROBIN

4)PHARKYA, PRITI

(57) Abstract :

A non-naturally occurring microbial organism includes a microbial organism having a 1,3-butanediol (1,3-BDO) pathway having at least one exogenous nucleic acid encoding a 1,3- BDO pathway enzyme expressed in a sufficient amount to produce 1,3-BDO. The pathway includes an enzyme selected from a 2-amino-4-ketopentanoate (AKP) thiolase, an AKP dehydrogenase, a 2-amino-4-hydroxypentanoate aminotransferase, a 2-amino-4-hydroxypentanoate oxidoreductase (deaminating), a 2-oxo-4-hydroxypentanoate decarboxylase, a 3-hydroxybutyraldehyde reductase, an AKP aminotransferase, an AKP oxidoreductase (deaminating), a 2,4-dioxopentanoate decarboxylase, a 3-oxobutyraldehyde reductase (ketone reducing), a 3-oxobutyraldehyde reductase (aldehyde reducing), a 4-hydroxy-2-butanone reductase, an AKP decarboxylase, a 4-aminobutan-2-one aminotransferase, a 4-aminobutan-2-one oxidoreductase (deaminating), a 4-aminobutan-2-one ammonia-lyase, a butenone hydratase, an AKP ammonia-lyase, an acetylacrylate decarboxylase, an acetoacetyl-CoA reductase (CoA- dependent, aldehyde forming), an acetoacetylCoA reductase (CoA-dependent, alcohol forming), an acetoacetyl-CoA reductase (ketone reducing), a 3-hydroxybutyryl-CoA reductase (aldehyde forming), a 3-hydroxybutyryl-CoA reductase (alcohol forming), a 4-hydroxybutyryl- CoA dehydratase, and a crotonase. A method for producing 1,3-BDO, includes culturing such microbial organisms under conditions and for a sufficient period of time to produce 1,3-BDO.

No. of Pages : 131 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8763/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : METHOD FOR A USER TERMINAL TO RANDOM ACCESS A CARRIER AGGREGATION MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W74/08	(71) Name of Applicant :
(31) Priority Document No	:61/184,833	1)LG ELECTRONICS INC.
(32) Priority Date	:07/06/2009	Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/003629	1)CHUN, SUNG DUCK
Filing Date	:07/06/2010	2)JUNG, SUNG HOON
(87) International Publication No	:WO 2010/143847 A3	3)YI, SEUNG JUNE
(61) Patent of Addition to Application Number	:NA	4)LEE, YOUNG DAE
Filing Date	:NA	5)PARK, SUNG JUN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for random access to a base station by a user equipment (UE) in a mobile communication system using carrier aggregation in which communication is conducted over a plurality of component carriers, and a terminal for the method are disclosed. When the UE performs a contention-based random access procedure in the mobile communication system to which CA technology is applied, the UE considers an uplink grant signal as a contention resolution message when receiving the uplink grant signal from a eNB only when the uplink grant signal is received through a downlink CC corresponding to an uplink CC used to transmit a random access preamble or a third message, to thereby prevent contention resolution from being erroneously ended.

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8769/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : TRUSTED INTEGRITY MANAGER (TIM)

(51) International classification	:G06Q20/00
(31) Priority Document No	:61/182,623
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036229
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138611 A1
(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)TAVEAU, SEBASTIEN

2)NAHARI, Hadi

3)DUPRAT, Eric

(57) Abstract :

A system for use with a trusted service manager (TSM) and a mobile device having subscriber unique identifying data includes: a server that validates an application against the unique identifying data of the mobile device and provides the validated application for the mobile device; and a secure element (SE) acting as client in which the SE is present in the mobile device as client. The validated application from the server is installed in the SE; and the SE executes the validated application to perform a service process, which enables payment functions on the mobile device, including: providing secure communication between the mobile and server, securely provisioning a payment instrument on the mobile, with authentication and verification provided by the server; and binding the payment instrument and the validated application to the mobile to provide strong ED management for enhanced user protection and system security and integrity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.8882/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SPINDLE AND BEARING COMBINATION AND DRUG DELIVERY DEVICE

(51) International classification	:A61M5/315
(31) Priority Document No	:61/182,861
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057488
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139641
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SANOFI-AVENTIS DEUTSCHLAND GMBH

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(72)**Name of Inventor :**

1)PLUMPTRE, DAVID

(57) Abstract :

An improved spindle and bearing combination for a drug delivery device is provided that has a first connection between the spindle (1) and bearing (4) comprising a web (5) and a second connection that replaces the first connection when the web (5) is severed that allows the spindle (1) to rotate relative to the bearing (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.8893/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ENTERPRISE CLIENT-SERVER SYSTEM AND METHODS OF PROVIDING WEB APPLICATION SUPPORT THROUGH DISTRIBUTED EMULATION OF WEBSOCKET COMMUNICATIONS

(51) International classification	:G06F15/16	(71) Name of Applicant :
(31) Priority Document No	:61/174,923	1)KAAZING CORPORATION
(32) Priority Date	:01/05/2009	Address of Applicant :888 VILLA STREET, SUITE 410, MOUNTAIN VIEW, CALIFORNIA-94041 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033314	1)FALLOWS, JOHN, R.
Filing Date	:01/05/2010	2)SALIM, FRANK
(87) International Publication No	:WO 2010/127327 A1	3)GAUNCE, DAVID, B.
(61) Patent of Addition to Application Number	:NA	4)ERAIAH, SIDDALINGAIAH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system enabling service communications in distributed Web applications between servers otherwise inaccessible due to cross-origin security restrictions in pre-HTML5 compliant Web-browser clients. A Web-browser client executes a client-side Web application received from a source origin server having a defined source origin and requests connections to identified Web-application services. Execution of an emulation client library establishes a bidirectional HTTP-based communications connection between the Web-browser client and a gateway server, having a target origin outside the scope of the source origin, providing access to the request identified Web-application service. The bidirectional HTTP-based communications connection includes a cross-origin communications bridge providing a secure communications path between the source and target origins. The gateway server can establish an HTML5 compliant connection to a target defined service, provided by a target server, having a predefined relation to the request identified Web-application service.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8836/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A METHOD FOR WEIGHING CONTAINERS WHICH ARE SUPPLIED ALONG A CONVEYING LINE AND A DEVICE FOR ACTUATING THE METHOD

(51) International classification	:G01G15/00
(31) Priority Document No	:BO2009A000285
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/055096
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/127936 A1
(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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OZZANO EMILIA (BOLOGNA) Italy

(72)**Name of Inventor :**

1)CAVINA, LUIGI

(57) Abstract :

The invention relates to a device and a method for weighing containers (2) supplied along a conveying line (L). The device comprises: first weighing means (MP1) arranged on a first side (L1) of a stretch (T) of the conveying line (L) of containers (2) in a proximal position thereto; second weighing means (MP2) arranged at a side of the stretch (T) of the conveying line (L) of containers (2) in a distal position thereto; a supporting member (8) activatable between a first position (P1) in which it is arranged at the stretch (T) of the conveying line (L) for receiving the containers (2), a second position (P2) in which it engages with the first weighing means (MP1), and a third position (P3) in which it engages with the second weighing means (MP2); and first guide means (9) activatable between a guide configuration (C1), in which they are arranged at the stretch (T) in order to guide the containers (2) along the conveying line (L), and a disengaged position (C2). The method comprises steps of: activating the support member (8) in order to bring the containers (2) received from the conveying line (L) into the third position (P3); activating the second weighing means (MP2) in order to weigh the containers (2); activating the first guide means (9) in order to reach the guide configuration (C1) in phase relation with the movement of the support member (8).

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8734/CHENP/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ADHESIVE FILM OR ADHESIVE TAPE BASED ON EPOXIDES

(51) International classification	:C09J7/02
(31) Priority Document No	:10 2009 026 548.1
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/066346
Filing Date	:03/12/2009
(87) International Publication No	:WO 2010/136086
	A1
(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)BILCAI, EUGEN

2)BARRIAU, EMILIE

3)RENKEL, MARTIN

4)WUCHERPENNING, SVEN

(57) Abstract :

A thermally curable adhesive in strip or film form, having a thickness in the range of 0.1 to 5 mm, containing: a) at least one reactive epoxy prepolymer, b) at least one latent hardener for epoxies, and c) one or more elastomers that are selected from: c1) thermoplastic polyurethanes, c2) thermoplastic isocyanates, and c3) block copolymers having thermoplastic polymer blocks. Further components can additionally be contained, for example a blowing agent for foaming. The adhesive in the uncured state at 22CC is bendable or wrappable and can be extended at least 100% before tearing. It can be laid onto a foil. It can be used, for example, for adhesive bonding of planar, tubular, or cylindrical components, preferably components made of metal, wood, ceramic, or ferrites.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1445/KOL/2010 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : NOVEL DEVELOPMENT OF DESIGN AND 3D PARAMETRIC MODEL OF SS TUBED HORIZONTAL 4- PASS, 2-ZONE LOW PRESSURE HEATER WITH QUARTER SEGMENTED DRAIN COOLING ZONE & 3- QUARTER CONDENSING ZONE FOR 120 MW THERMAL POWER PLANT

(51) International classification	:G05D11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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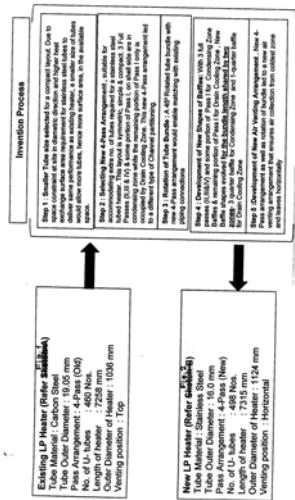
(72)Name of Inventor :

1)TAURANI MOTILAL

2)ASNANI LALIT

(57) Abstract :

The invention relates to a process to retrofit an old Admiralty Brass tubed LP heater with a new stainless steel tubed LP heater with four pass arrangement, comprising the steps of selecting stainless tubes of outside diameter less than about 19% of copper tubes of prior art heaters to produce a tube bundle, the tube bundle accommodating higher number of tubes to provide a higher heat exchange area in a compact layout; configuring a 4-pass arrangement of tube layout such that 3-full pass including a partial pass on the shell side of the heater disposed within, the condensing zone with the balance portion of said partial pass remains within the drain cooling zone; rotating the tube bundle at about 45° so as to match the piping connections of the replaced heater; re-configuring the shape of the baffles for two zones, the condensing zone being provided with 3-quarter-shaped baffles, wherein the drain-cooling zone is provided with 1-quarter baffle; and providing a centrally located air venting pipe with small holes at lower surface of the pipe to allow air to enter from bottom, the air thereby leaving horizontally after collecting air from the coldest zone.



No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.329/KOL/2012 A

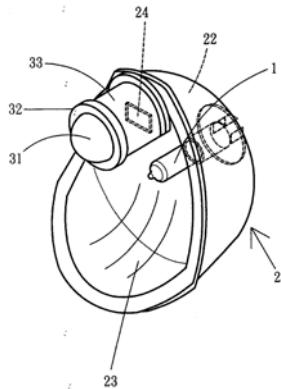
(43) Publication Date : 28/12/2012

(54) Title of the invention : VEHICLE HEADLAMP

(51) International classification	:B60Q/1115	(71)Name of Applicant :
(31) Priority Document No	:100211393	1)DE BAO TECHNOLOGY LTD
(32) Priority Date	:23/06/2011	Address of Applicant :NO. 106-1, SINGNAN ST., SOUTH DISTRICT, TAINAN CITY, TAIWAN,R.C.O.
(33) Name of priority country	:Taiwan	(72)Name of Inventor :
(86) International Application No	:NA	1)CHEN YI-CHANG
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 vehicle headlamp includes a bulb receiving first and second filamenss and a first shield. The first shield is located adjacent to the first filamen. A housing includes a space receiving the bulb. The housing includes a first reflective surface facing the space and corresponding to reflection of the light beams from the first filament. The housing further includes a second reflective surface corresponding to reflection of the light beams from the second filament. A second shield is mounted in front of the first reflective surface. A projecting lens unit is mounted in front of the second shield and aligned with the first reflective surface. The projecting lens unit includes a convex lens. An outer housing is located outside of the housing and the projecting lens unit and covers the housing and the projecting lens unit. The outer housing includes a transparent cover in a front thereof.



No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.835/KOL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : SHAFT-TYPE HYBRID BIOREACTOR

(51) International classification	:C02F9/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MAZUMDER NIWAS

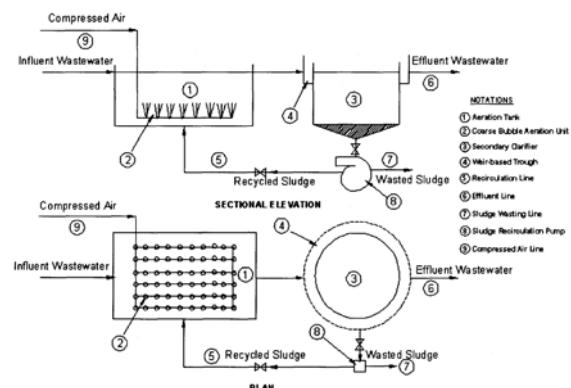
Address of Applicant :164, K.M. ROY CHOWDHURY
ROAD P.O-BARUIPUR, KOLKATA-700 144 West Bengal India

(72)Name of Inventor :

1)MAZUMDER NIWAS

(57) Abstract :

The present invention relates to an improved activated sludge system and method for treating wastewater containing contaminants is disclosed which offers a broad array of advantages over conventional activated sludge wastewater treatment systems, including smaller size, higher rates of operation, higher oxygen transfer efficiency, lower operating costs, and a substantially decreased level of excess sludge production. The shaft type hybrid bioreactor additionally impart Shock load withstand capacity. This invention has facilitated conventional Activated Sludge Process (ASP) system especially for high-rate treatment of wastewater containing substantial amount of biodegradable organics. The sludge settleability is improved in the present invention due to addition of bio-carriers.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.842/KOL/2011 A

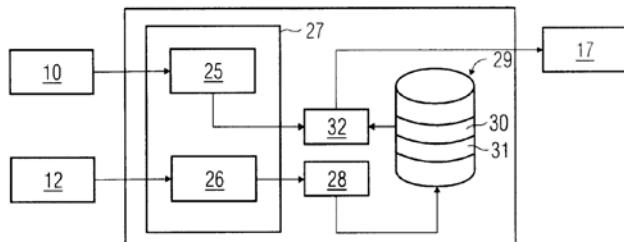
(43) Publication Date : 28/12/2012

(54) Title of the invention : SYSTEM AND METHOD FOR PROCESSING AN X-RAY IMAGE OF AN ORGAN

	:A61B6/00	
(51) International classification	G06T5/00	
	G06T5/20	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to a system and a method for indicating at least one of the internal structures of an organ on an X-ray image, wherein the system comprises an interface adapted to receive the an X-ray image and a non- X-ray image pertaining to the organ, a database comprising a geometric model of the internal structures of the organ, a first module for determining at least a dimension of one of the internal structures of the organ from the non- X-ray image, and a second module for indicating the at least one of the internal structures of the organ in the X-ray image based on the geometric model adjusted by the at least one dimension.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.848/KOL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : ROLLING METHOD

(51) International classification	:B62B3/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHOME,
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

1)KUNIHIKO MARUKAWA

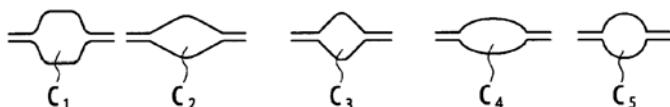
2)TOMOYASU SAKURAI

3)KOJI HARA

4)KEIJI TAKAGI

(57) Abstract :

In a method wherein a material having a quadrangular section that is 80 to 400 mm on one side while 80 to 600 mm on the other side and an aspect ratio of not more than 1.5 is rolled into a wire rod or a bar steel through a continuous rolling mill line, when the material is passed through a plurality of flat roll pairs to conduct an area reduction process alternately from a longitudinal direction and a lateral direction in the quadrangular section, at least 70% of plural passes through the flat roll pairs are configured to have such a roll gap that an aspect ratio in a cross-section of a rolled material after each pass is not more than 1.5.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.831/KOL/2011 A

(43) Publication Date : 28/12/2012

(54) Title of the invention : A COATED WIRE PRODUCT AND A PROCESS FOR PRODUCING A COATED WIRE PRODUCT WITH SUPERIOR BEND AND TORSION PROPERTIES ADAPTABLE TO MANUFACTURE OF AUTOMOBILE TIRES

(51) International classification	:B05D5
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :RESEARCH AND DEVELOPMENT
AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR
831001, Jharkhand India
(72)**Name of Inventor :**
1)RAJIB SAHA
2)SUDIN CHATTERJEE
3)S. G. MAHAJAN

(57) Abstract :

This invention relates to a coated wire product with superior bend values of at least 14 with a torsion value of at least 65 for making fibres of automobiles from a steel grade with composition range 0.6-1.1 %C, 0.5-0.9%Mn, 0.10-0.5, Si, 0.06-0.01N, 0.009-0.25% S and 0.01-0.035 %P, balance Fe (all values in wt %).



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

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
247191	M/s. AVESTHAGEN LIMITED	DOCOSAHEXAENOIC ACID (DHA) PRODUCING THRAUSTOCHYTRID STRAIN-SC1	16/12/2011	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	254809	494/DELNP/2006	05/07/2004	04/08/2003	AN IMPELLER FOR PUMPS	SULZER PUMPEN AG	10/08/2007	DELHI
2	254813	00558/DELNP/2003	28/09/2001	12/10/2000	CRYSTALLINE TIOTROPIUM BROMIDE MONOHYDRATE AND PROCESS THEREOF	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG	04/05/2007	DELHI
3	254815	5961/DELNP/2007	31/01/2006	31/01/2005	ETHYLENE-BASED RESIN AND MOLDED OBJECT OBTAINED THEREFROM	MITSUI CHEMICALS, INC.	17/08/2007	DELHI
4	254830	3841/DELNP/2008	21/11/2006	23/11/2005	COMPOUNDS AS GLUCAGON RECEPTOR ANTAGONISTS	ELI LILLY AND COMPANY	20/03/2009	DELHI
5	254837	4736/DELNP/2006	15/03/2005	16/03/2004	SUGAR CANE JUICE CLARIFICATION PROCESS	E.I. DU PONT DE NEMOURS AND COMPANY.	10/08/2007	DELHI
6	254838	3558/DELNP/2004	31/08/2004	26/02/2004	METHOD FOR HANDLING HIGH-VISCOSITY SUBSTANCES	MITSUBISHI CHEMICAL CORPORATION	04/12/2009	DELHI
7	254839	106/DELNP/2008	04/11/2004	07/11/2003	POLYMORPHIC FORMS OF RIFAXIMIN, PROCESSES FOR THEIR PRODUCTION AND USE THEREOF IN MEDICINAL PREPARATIONS	ALFA WASSERMANN S. P. A.	04/07/2008	DELHI
8	254842	6897/DELNP/2006	29/04/2005	07/05/2004	A METHOD OF TRANSMITTING AND RECEIVING DATA IN A MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) COMMUNICATION SYSTEM AND APPARTUS THEREOF	QUALCOMM INCORPORATED,	31/08/2007	DELHI
9	254843	3492/DELNP/2004	28/05/2003	03/06/2002	DSL MODEM AND METHOD FOR ESTABLISHING A DATA TRANSFER MODE	THOMSON LICENSING S.A.	31/08/2007	DELHI
10	254852	1144/DEL/2007	30/05/2007 12:55:21	25/08/2006	A MULTI-HEAD EMBROIDERY MACHINE	KABUSHIKIKAISHA BARUDAN	04/04/2008	DELHI
11	254853	530/DELNP/2003	24/10/2001	26/10/2000	SEALED BACKPRESSURE BREATHING DEVICE	O'ROURKE, SAM	25/12/2009	DELHI
12	254854	4597/DELNP/2006	24/03/2005	26/03/2004	AN IMPROVED PROCESS FOR THE PREPARATION OF N-([1,2,4]TRIAZOLOPYRIMIDIN-2-YL)ARYL SULFONAMIDES	DOW AGROSCIENCES LLC	10/08/2007	DELHI

13	254858	1114/DEL/2005	04/05/2005		A MUFFLER AND PARTICULATE SEPERATOR FOR INTERNAL COMBUSTION ENGINE EXHAUST	ADESS SINGH,RAJANDIEP S. TIWANNA	31/07/2009	DELHI
14	254861	1458/DELNP/2006	08/09/2004	19/09/2003	BOOSTER WITH SPRING TO ADAPT AIR SPRING PRESSURE FOR LOAD DEPENDENT SHOCK ABSORBER	Tenneco Automotive Operating Company Inc.	15/06/2007	DELHI
15	254862	1438/DEL/2004	02/08/2004	06/08/2003	A MOLD FOR INJECTION MOLDING AND A METHOD OF OPERATING A MOLD	SUMITOMO WIRING SYSTEMS, LTD.	30/06/2006	DELHI
16	254864	137/DELNP/2006	16/07/2004	18/07/2003	A TYRE HAVING A RADIAL CARCASS REINFORCEMENT	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN,MICHELIN RECHERCHE ET TECHNIQUE S.A.	24/08/2007	DELHI
17	254865	885/DELNP/2003	06/12/2001	08/12/2000	A METHOD OF PRODUCING AN IMMUNOTHERAPEUTIC KIT	CENTRO DE INMUNOLOGIA MOLECULAR	03/04/2009	DELHI
18	254866	2552/DELNP/2004	13/03/2003	14/03/2002	BIOLOGICAL FLUID SAMPLING APPARATUS	FENWAL INC.,	09/10/2009	DELHI
19	254867	IN/PCT/2002/00820/DEL	17/12/2001	03/01/2001	PHARMACEUTICAL COMBINATION TO TREAT TISSUE DAMAGE DUE TO ARTERIAL BLOOD FLOW FAILURE	CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA	21/01/2011	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mber	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropria te Office
1	254827	77/MUM/2004	28/01/2004	07/02/2003	VEHICLE LOCK DEVICE	HONDA MOTOR CO., LTD.,	15/09/2006	MUMBAI
2	254833	24/MUMNP/2008	06/07/2006	18/10/2005	ROLLER BOLT	SIEGENIA - AUBI KG	22/02/2008	MUMBAI
3	254834	1741/MUMNP/2007	21/04/2006	21/04/2005	SPRAY NOZZLE FOR A FLUIDIZED BED DEVICE	GLATT GMBH	07/12/2007	MUMBAI
4	254835	2318/MUM/2007	26/11/2007		DEFROST AIR DISTRIBUTION SYSTEM FOR VEHICLES	TATA MOTORS LIMITED	29/02/2008	MUMBAI
5	254836	2309/MUM/2007	23/11/2007		AN IMPROVED BRACKET ASSEMBLY FOR VEHICLES	TATA MOTORS LIMITED	28/12/2007	MUMBAI
6	254845	439/MUMNP/2007	26/08/2005	26/08/2004	PRODRUGS CONTAINING NOVEL BIO-CLEAVABLE LINKERS	PIRAMAL ENTERPRISES LIMITED,SATYAM APPARAO	20/07/2007	MUMBAI
7	254850	821/MUM/2004	02/08/2004	01/08/2003	PROCESS OF STORAGE OF BIOMETRIC FEATURES	JPARSOF INVESTMENT CORPORATION	02/02/2007	MUMBAI
8	254859	19/MUMNP/2008	22/06/2006	22/06/2005	ESTIMATING BIT ERROR PROBABILITY (BEP) IN AN EDGE WIRELESS SYSTEM	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
9	254860	260/MUMNP/2008	18/07/2006	18/07/2005	METHOD AND APPARATUS FOR REVERSE LINK THROTTLING IN A MULTI-CARRIER WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	26/06/2009	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	254810	560/CHE/2004	15/06/2004	18/06/2003	COMPOSITE SEMIPERMEABLE MEMBRANE, AND PRODUCTION PROCESS THEREOF	TORAY INDUSTRIES INC	14/08/2009	CHENNAI
2	254811	2918/CHENP/2006	14/02/2005	13/02/2004	METHOD OF AND APPARATUS FOR PRODUCING SUBCRITICAL WATER DECOMPOSITION PRODUCTS	OSAKA PREFECTURE UNIVERSITY PUBLIC CORPORATION	08/06/2007	CHENNAI
3	254812	99/CHE/2006	20/01/2006	24/01/2005	HEAT EXCHANGER	HALLA CLIMATE CONTROL CORPORATION	17/08/2007	CHENNAI
4	254817	3969/CHENP/2007	08/03/2006	11/03/2005	A THICKENING COMPOSITION AND A METHOD OF PREPARING THE SAME	TAIYO KAGAKU CO., LTD	23/11/2007	CHENNAI
5	254818	1818/CHE/2005	13/12/2005		AN IMPROVED PROCESS FOR THE PREPARATION OF MONTELUKAST AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS	MSN LABORATORIES LIMITED	31/08/2007	CHENNAI
6	254819	781/CHE/2005	22/06/2005		IMPROVED PROCESS FOR PREPARATION OF (3R, 4S)-1-(4-FLOUROPHENYL)-3-[3(S)-(4-FLOUROPHENYL)-3-HYDROXYPROPYL]-4-(4-HYDROXYPHENYL)-2-AZETIDINONE [EZETIMIBE]	MANNE STYANARAYANA REDDY	27/07/2007	CHENNAI
7	254820	101/CHENP/2008	26/06/2006	07/07/2005	SOIL CONDITIONING DEVICE	TERRACON TECHNOLOGIES LLC	19/09/2008	CHENNAI
8	254821	4010/CHENP/2006	27/04/2005	30/04/2004	FUEL SYSTEM	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY LLC	10/08/2007	CHENNAI
9	254822	4373/CHENP/2006	15/04/2005	28/05/2004	WIPER BLADE	ROBERT BOSCH GMBH	15/06/2007	CHENNAI
10	254823	61/CHE/2008	08/01/2008 16:17:01	09/01/2007	AN ELECTROCHEMICAL FUEL CELL EXHIBITING REDUCED ELECTRODE DEGRADATION AFTER SEVERAL START-UP AND SHUTDOWN CYCLES AND ASSOCIATED METHOD	GM GLOBAL TECHNOLOGY OPERATIONS, INC	21/08/2009	CHENNAI

11	254824	3111/CHE/2007	27/12/2007 10:51:53	26/03/2007	TERMINAL DEVICE FOR VEHICLE AC GENERATOR	MITSUBISHI ELECTRIC CORPORATION	16/03/2012	CHENNAI
12	254825	2954/CHENP/2006	04/01/2005	15/01/2004	MIRROR WITH BUILT-IN-DISPLAY	KONINKLIJKE PHILIPS ELECTRONICS N.V.	08/06/2007	CHENNAI
13	254826	2885/CHE/2007	04/12/2007	22/05/2007	AUTOMOTIVE ALTERNATOR	MITSUBISHI ELECTRIC CORPORATION	02/04/2010	CHENNAI
14	254828	1504/CHENP/2007	12/09/2005	13/09/2004	DETECTION OF DRASTIC BLOOD PRESSURE CHANGES	GAMBRO LUNDIA AB	31/08/2007	CHENNAI
15	254844	1310/CHE/2005	15/09/2005		A METHOD FOR SHARING NETWORK RESOURCES BETWEEN TWO NETWORK OPERATORS'	SAMSUNG INDIA SOFTWARE OPERATIONS PVT.LTD	25/01/2008	CHENNAI
16	254851	3902/CHENP/2006	21/04/2005	23/04/2004	TRAY CONCEPT	ARCA SYSTEMS INTERNATIONAL AB	27/07/2007	CHENNAI
17	254863	1894/CHENP/2008	11/09/2006	19/09/2005	A METHOD OF PREVENTING RE-USE OF COMPROMISED KEYS	INTERNATIONAL BUSINESS MACHINES CORPORATION	23/01/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	254814	4909/KOLNP/2007	09/06/2006	22/06/2005	APPARATUS AND METHOD FOR PERFORMING A CORRELATION BETWEEN A TEST SOUND SIGNAL REPLAYABLE AT VARIABLE SPEED AND A REFERENCE SOUND SIGNAL	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	01/08/2008	KOLKATA
2	254816	1086/KOLNP/2006	30/08/2005	31/08/2004	WRITE-ONCE READ-MANY OPTICAL RECORDING MEDIUM, SPUTTERING TARGET AND THE PRODUCTION METHOD THEREOF	RICOH COMPANY, LTD.	20/04/2007	KOLKATA
3	254829	5054/KOLNP/2007	28/06/2006	30/06/2005	AN ELECTRIC SWITCH IN A SEALED HOUSING FILLED WITH AN INSULATING LIQUID TO REDUCE AGING OF THE SWITCHING OIL	SIEMENS AKTIENGESELLSCHAFT	27/06/2008	KOLKATA
4	254831	1019/KOLNP/2007	13/09/2005	24/09/2004	A CIRCUIT BREAKER POLE INSULATED BY SOLID MATERIAL	SIEMENS AKTIENGESELLSCHAFT	13/07/2007	KOLKATA
5	254832	72/KOL/2007	19/01/2007		A METHOD OF DETECTING AC MOTOR MISALIGNMENT FAULTS THROUGH MODIFIED K-MEANS	TATA STEEL LIMITED	29/08/2008	KOLKATA
6	254840	28/KOL/2007	09/01/2007		A METHOD FOR DEPOSITION OF ANTI-CORROSION COATING ON METALLIC AND NON-METALLIC SUBSTRATE SURFACE	JADAVPUR UNIVERSITY,OIL AND NATURAL GAS CORPORATION LTD	10/04/2009	KOLKATA
7	254841	3642/KOLNP/2006	02/06/2005	02/06/2004	A METHOD FOR PROCESSING A USER'S SPEECH USING A MOBILE COMPUTER	AMERICA ONLINE,INCORPORATED	15/06/2007	KOLKATA
8	254846	780/KOL/2007	21/05/2007	23/08/2006	A POWERTRAIN FOR A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	14/03/2008	KOLKATA
9	254847	227/KOL/2007	12/02/2007 15:13:10	17/02/2006	STRADDLE-TYPE VEHICLE	YAMAHA HATSUDOKI KABUSHIKI KAISHA	28/09/2007	KOLKATA

10	254848	1730/KOL/2007	26/12/2007	03/01/2007	A MULTISPEED DUAL CLUTCH TRANSMISSION DEVICE WITH COUNTERSHAFT GEARING	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/07/2008	KOLKATA
11	254849	1780/KOLNP/2006	24/01/2005	26/01/2004	A PROCESS OF PREPARING BEVERAGES FROM BEVERAGE PREPARATIONS AND A CAPSULE THEREFOR	TUTTOESPRESSO S.P.A.	11/05/2007	KOLKATA
12	254855	3702/KOLNP/2007	09/05/2006	11/05/2005	PROCESS FOR MAKING AROMATIC NON CONJUGATED ENOL ESTERS OR ENOL ETHERS	FIRMENICH SA	25/01/2008	KOLKATA
13	254856	3802/KOLNP/2007	02/03/2006	09/04/2005	METHOD FOR THE CONTINUOUS PRODUCTION OF METHYL MERCAPTAN	EVONIK DEGUSSA GMBH	23/05/2008	KOLKATA
14	254857	1190/KOLNP/2008	08/09/2006	09/09/2005	EXPOSURE APPARATUS, EXPOSURE METHOD, AND DEVICE MANUFACTURING METHOD	NIKON CORPORATION	26/12/2008	KOLKATA

CONTINUED TO PART- 2