

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 06/2012

ISSUE NO. 06/2012

शुक्रवार

FRIDAY

दिनांक: 10/02/2012

DATE: 10/02/2012

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.

(P H Kurian)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

10TH FEBRUARY, 2012

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	2149 – 2150
SPECIAL NOTICE	:	2151 – 2152
EARLY PUBLICATION (DELHI)	:	2153 – 2157
EARLY PUBLICATION (MUMBAI)	:	2158 – 2182
EARLY PUBLICATION (CHENNAI)	:	2183 – 2186
PUBLICATION AFTER 18 MONTHS (DELHI)	:	2187 – 2285
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	2286 – 2385
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	2386 – 2476
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	2477 – 2504
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	2505 – 2508
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	2509
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	2510 – 2512
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	2513
INTRODUCTION TO DESIGN PUBLICATION	:	2514
COPYRIGHT PUBLICATION	:	2515
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	2516
REGISTRATION OF DESIGNS	:	2517 - 2550

**THE PATENT OFFICE
KOLKATA, 10/02/2012**

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

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 10/02/2012
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

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

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

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

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

SPECIAL NOTICE

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

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

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

(P H Kurian)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :23/09/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : AMMUNITION BOX WITH TRANSPARENT COVER

(51) International classification

:F42B39/00

(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)DHARAM PAL GUPTA

Address of Applicant :B-396, NEW FRIENDS COLONY,
NEW DELHI-110025, INDIA.

(72)Name of Inventor :

1)DHARAM PAL GUPTA

(57) Abstract :

An improved Ammunition Box with transparent cover moulded with high grade and strong plastic with rounded corners, light in weight & easy to carry, corrosion proof, better protection against water, dust and moisture, user friendly, better life and easy to inspect and easy to stack.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1874/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : NOVEL PROCESS FOR REDUCING ENERGY & WATER REQUIREMENT FOR PADDY PARBOILING PROCESS

(51) International classification	:A23L1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIJAY SETIA
(32) Priority Date	:NA	Address of Applicant :C/O CHAMAN LAL SETIA
(33) Name of priority country	:NA	EXPORTS LTD., L 281 MODEL TOWN, KARNAL,
(86) International Application No	:NA	HARYANA (INDIA)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SETIA, VIJAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process which reuses the used excess paddy soak hot water for paddy soaking in the subsequent batches of paddy parboiling process. The invention relates to in situ treatment of used paddy soak waste water for reusing the water in paddy soaking process, thereby conserving water and additional fuel requirement making the process cost and energy efficient. The present invention greatly helps in reducing the water requirement at the soaking step. The process involves soaking the paddy rice in required quantity water in a soaking tank, transferring the unabsorbed hot soak-waste water into an insulated holding tank, allowing heavy impurities to settle in the holding tank to obtain clear supernatant water and reusing the clear supernatant for soaking fresh batch of paddy rice and repeating the process, thereby achieving almost 80% water and energy conservation in parboiling process. Moreover, the process is eco-friendly and reduces load on natural resources.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3062/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : BENEFICIARY ASISTED AUDIT SYSTEM.

(51) International classification

:G06N

(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)ABHYUDAY MISRA

Address of Applicant :L1/28 SECTOR B, ALIGANJ

LUCKNOW (U.P) India

(72)Name of Inventor :

1)ABHYUDAY MISRA

(57) Abstract :

Audit of quality of work executed by government and private organizations has always been full of corrupt practices. Huge sums of money are siphoned by a nexus of officers, touts and inefficient contractors.

No. of Pages : 12 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :03/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ADHESIVE DELIVERY SYSTEM HAVING IMPROVED ASSEMBLY FOR MIXING AND DOSING FLUID COMPONENTS

(51) International classification	:B01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHATURVEDI, ASHOK
(32) Priority Date	:NA	Address of Applicant :305, III FLOOR, BHANOT CORNER,
(33) Name of priority country	:NA	PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHATURVEDI, ASHOK
(87) 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 mixing assembly (400) capable of being adapted to an adhesive delivery system (100) for mixing fluid components, is provided. The mixing assembly (400) includes a hollow chamber (402), a fluid shower (404) and a solventless-components feeding head (406). The fluid shower (404) is disposed within the hollow chamber (402). The fluid shower (404) includes a conduit (412) and a plurality of projections (414). The feeding head (406) is engaged to the fluid shower (404) and disposed at the hollow chamber (402). The feeding head (404) includes at least two inlet ports (418, 420) for feeding at least two fluid components. The first fluid component is dozed from the first inlet port (418) within the hollow chamber (402), and the second fluid component is dozed from the second inlet port (420) to within the conduit (412) for showering it in the hollow chamber (402) to enable the first and second fluid components to follow a zigzagged path over the plurality of projections (414) for mixing.

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

(54) Title of the invention : SLEEVE ELEMENT FOR AXIAL LOCATION AND TURBOCHARGER

(51) International classification :F04D 29/056
 (31) Priority Document No :DE 10 2009 016 688.2
 (32) Priority Date :07/04/2009
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/002058
 Filing Date :31/03/2010
 (87) International Publication No :WO 2010/115570
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DAIMLER AG

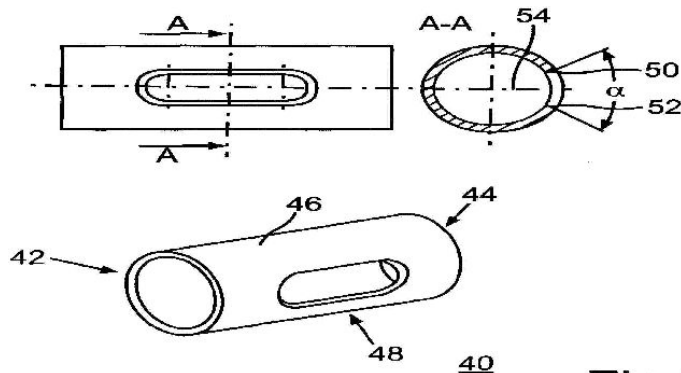
Address of Applicant :MERCEDESSTRASSE 137, 70327 STUTTGART, GERMANY

(72)Name of Inventor :

1)HERTWECK, GERNOT**2)SEUFFERT, JOHANNES**

(57) Abstract :

The invention relates to a sleeve element (30, 30, 40, 40, 40) for the axial location of at least one bearing (24, 26) of a rotatable shaft (22), in particular a shaft (22) of a turbocharger (10, 10), which sleeve element (30, 30, 40, 40, 40) has at least one through-opening (48, 48, 48) in its circumferential surface (46, 46, 46), wherein the at least one through-opening (48, 48, 48) has a substantially conical shape in the radial direction of the sleeve element (30, 30, 40, 40, 40) at least in a section thereof, and to a turbocharger (10, 10) for an internal combustion engine, comprising a speed detection device (32) and a sleeve element (30, 30, 40, 40, 40) for the axial location of at least one bearing (24, 26) of a shaft (22) of the turbocharger (10,10), wherein the sleeve element (30, 30, 40, 40, 40) has at least one throughopening (48, 48, 48) through which the speed detection device penetrates the sleeve element (30, 30, 40, 40, 40) in its circumferential surface (46, 46, 46), wherein the at least one through-opening (48, 48, 48) has a substantially conical shape in the radial direction of the sleeve element (30, 30, 40, 40, 40) at least in a section thereof. Figure 3

**Fig.3**

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2260/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A TISSUE CULTURE PROCESS FOR MULTIPLYING INDIAN GENOTYPES OF DATE PALM (PHOENIX DACTYLIFERA L.)

(51) International classification :A01H4/00,C12N5/00
(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)Anand Agricultural University
Address of Applicant :Anand Agricultural University Anand
388110 Gujarat India
(72)Name of Inventor :
1)Subhash Narayan
2)Patel Diwaker Ratilal

(57) Abstract :

The present invention relates to a tissue culture process for the production of Indian genotypes of date palm (Phoenix dactylifera L.) which comprises of explant preparation, surface sterilization of explant, establishment of explant, callus induction, callus multiplication, induction of somatic embryos, multiplication of somatic embryos, maturation of somatic embryos, germination of somatic embryos giving rise to root and shoot, in vitro plantlet growth and hardening. It provides a tissue culture process for the multiplication of Indian genotypes of date palm having least chances of somaclonal variation and a standardized process for the hardening of tissue culture raised plantlets.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2551/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : FOAMLESS HERBAL SOAP COMPOSITION

(51) International classification	:A61K8/97	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Miss Yogita Kashinath Sanap
(32) Priority Date	:NA	Address of Applicant :New Khetan Nagar near Prajakta kanya
(33) Name of priority country	:NA	Vidyalaya Akola Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Miss Yogita Kashinath Sanap
(87) International Publication No	: NA	2)Mr. Avinash Kashinath Sanap
(61) Patent of Addition to Application Number	:NA	3)Mrs. Prathibha Pandurang Garje
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Our skin readily absorbs what is put on it, good or bad. It is one of the quickest ways for chemicals or nutrients to enter your body. More specifically skin care soap devised and utilized herein before consists basically of the familiar, expected chemical composition. Even the herbal soap which has been developed to fulfill countless objective and requirement. The petrochemicals found in most soap and cosmetics can be absorbed through the scalp and skin and, over time, accumulate in the organs and tissues. This accumulation may result in mounting brain, nerve, and liver damage. The present invention substantially departs from the conventional methods and design of prior art and in doing so provides a herbal soap which is developed for skin care made out of naturally occurring herbs and can provide a complete skin protection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2639/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :18/09/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : AUTOMATIC SERVICE CALL, WARNING AND INSURANCE RENEWAL AUDIO ALERT FOR VEHICLE

(51) International classification :G06Q10/00,B60R99/00
(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)Naresh P. Jawarkar

Address of Applicant :Dean (R & D) and Head Electronics and Telecomm. Engg. Department Babasaheb Naik College of Engg. PUSAD-445215. Dist. Yavatmal (MS) Maharashtra India

2)Vasif Ahmed T

3)Shri Dhananjay G. Soni

(72)Name of Inventor :

1)Naresh P. Jawarkar

2)Vasif Ahmed T

3)Shri Dhananjay G. Soni

(57) Abstract :

Without proper servicing at regular intervals recommended by companies, the performance of vehicle is affected to a great degree which reduces life of vehicle. It can also result in life threatening incidents due to failure of brakes, etc. which could have been avoided if servicing was done at proper intervals. Though new emission standards have been brought into force, automobile manufacturers cannot ensure its full implementation unless servicing is done at proper intervals Whenever servicing is due as soon as vehicle is started; our invention alerts the vehicle owners about servicing schedule through audio message. This message is continued for defined interval every time vehicle is started till the internal switch is reset by service personnel. It also provides optional audio warnings like dangerous speed and low fuel. Following invention is described in detail with the help of figure 1 which shows block diagram of the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2692/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : A DEVICE FOR SEPARATING OIL AND BLOW-BY GASES IN TWO CYLINDER DIESEL ENGINE

(51) International classification :F02M33/00,F02M35/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FORCE MOTORS LIMITED
Address of Applicant :MUMBAI - PUNE ROAD, AKURDI,
PUNE - 411 009, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)DEV ASHISH PALAI

(57) Abstract :

The present invention provides a device for separating oil and blow-by gases in two cylinder diesel engine, the device comprising: an encapsulated housing having one inlet and two outlets, the inlet receives oil and blow by gases, the first outlet provides path to blow-by gases and second outlet provides path to oil drain towards oil sump; a set of four labyrinths being placed parallel to each other and next to the inlet for providing path to oil and blow-by gases that is received through the inlet; a diaphragm being placed next to the labyrinths; a oil deflector cap being placed next to the diaphragm for controlling the lift of the diaphragm and ensuring the complete dripping down of the oil towards oil sump; and a restrictor being placed at the first outlet for providing path to the gases and restricting entry of oil towards a intake system of the engine.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2745/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR GENERATING AND UPDATING INFORMATION OF CONNECTIONS BETWEEN AND AMONG NODES OF SOCIAL NETWORK

(51) International classification :G06F17/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :878/MUM/2005

Filed on :22/07/2005

(71)Name of Applicant :

1)Yogesh Chunilal Rathod

Address of Applicant :1502/A Mahavir Residency LBS
Marg Near Balarajeshwar Mandir Mulund (West) Mumbai-400
080 India.

(72)Name of Inventor :

1)Yogesh Chunilal Rathod

(57) Abstract :

A system for providing, receiving and facilitating distributed human services via installable one or more role active Human Operating System (HOS) applications in a digital device of each of channel node and providing new communication protocol for communicating with unknown likeminded users and based on that facilitating real time searching & sharing.

No. of Pages : 362 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR SOCIAL SEARCHING

(51) International classification :G06F17/30

(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 :878/Mum/2005

Filed on :22/07/2005

(71)Name of Applicant :

1)Yogesh Chunilal Rathod

Address of Applicant :1502/A Mahavir Residency LBS
Marg Near Balarajeshwar Mandir Mulund (West) Mumbai-400
080 Maharashtra India

(72)Name of Inventor :

1)Yogesh Chunilal Rathod

(57) Abstract :

A system for providing, receiving and facilitating distributed human services via installable one or more role active Human Operating System (HOS) applications in a digital device of each of channel node and providing new communication protocol for communicating with unknown likeminded users and based on that facilitating real time searching & sharing.

No. of Pages : 358 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2748/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : A METHOD AND SYSTEM FOR REQUESTING SOCIAL SERVICES FROM GROUP OF USERS

(51) International classification :G06F17/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :878/Mum/2005

Filed on :22/07/2005

(71)Name of Applicant :

1)Yogesh Chunilal Rathod

Address of Applicant :1502/A Mahavir Residency LBS
Marg Near Balarajeshwar Mandir Mulund (West) Mumbai-400
080 Maharashtra India

(72)Name of Inventor :

1)Yogesh Chunilal Rathod

(57) Abstract :

A system for providing, receiving and facilitating distributed human services via installable one or more role active Human Operating System (HOS) applications in a digital device of each of channel node and providing new communication protocol for communicating with unknown likeminded users and based on that facilitating real time searching & sharing.

No. of Pages : 364 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2744/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING RESOURCES FOR PROVIDERS

(51) International classification :G06F17/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :878/MUM/2005

Filed on :22/07/2005

(71)Name of Applicant :

1)Yogesh Chunilal Rathod

Address of Applicant :1502/A Mahavir Residency LBS
Marg Near Balarajeshwar Mandir Mulund (West) Mumbai-400
080 Maharashtra India

(72)Name of Inventor :

1)Yogesh Chunilal Rathod

(57) Abstract :

A system for providing, receiving and facilitating distributed human services via installable one or more role active Human Operating System (HOS) applications in a digital device of each of channel node and providing new communication protocol for communicating with unknown likeminded users and based on that facilitating real time searching & sharing.

No. of Pages : 359 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2870/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : DEVELOPEMENT OF MUSHROOM MYCELIUM NUTRACEUTICAL FOR THERAPEUTIC PROPERTIES

(51) International classification :A61K36/00,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)Dr. Asha G. Mane
Address of Applicant :Department of Home Science Sant
Gadge Baba Amravati University Amravati. 444602. Maharashtra
India
2)Dr. Shilpa A. Bhaise
(72)Name of Inventor :
1)Dr. Asha G. Mane
2)Dr. Shilpa A. Bhaise

(57) Abstract :

A species of oyster mushroom called Pleurotus sajor-caju was use to develop mushroom mycelium nutraceuticals. It was grown on agar-agar media in big flask in the laboratory and harvested after growth of mycelium. It was dried at 320 c temperature in the incubator and ground to form a fine powder. It is then sterilized in an autoclave and encapsulated. Mushroom mycelium doses were incorporated in control diet and fed to albino rats inorder to find out the hypoglycemic and hypolipidemic effect.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2998/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SYSTEM AND A METHOD TO PROVIDE WIRELESS DATA SERVICES ENSURING A SECURE NETWORK PLATFORM

(51) International classification	:H01R13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Tata Teleservices Limited
Address of Applicant :Tata Teleservices Limited A E & F
Blocks Voltas Premises T.B. Kadam Marg Chinchpokli
Mumbai -400033 Maharashtra India
(72)**Name of Inventor :**
1)D.V. Srikrishnan

(57) Abstract :

A portable connector apparatus the apparatus comprising a connection unit configured to access any network a configuration unit coupled to the connection unit configured to access any machine and/or hardware component a start up unit coupled to both the connection unit and the configuration unit configured to build a custom landing page and an information Unit coupled to the start up unit configured to provide location and/or user specific information on the landing page.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.3103/MUM/2011 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : THERMO PLASTIC ELASTOMER COATED ANTI SLIP POLYPROPYLENE MATS

(51) International classification	:A47G27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. NISHITH VISHWABANDHU GUPTA
(32) Priority Date	:NA	Address of Applicant :7, ABHISHEK BUNGLOW, FOUR
(33) Name of priority country	:NA	BUNGLOWS ROAD, NEAR ESIC NAGAR, ANDHERI(W)
(86) International Application No	:NA	MUMBAI 400 03 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. NISHITH VISHWABANDHU GUPTA
(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 floor mat, which has a bottom that is anti-slip more particularly to the coating of polypropylene (PP) mats with thermoplastic elastomer (TPE) in order to impart anti-skidding / slippery property to PP mats and expand its applications thereby. The primary object of the invention is to make PP mats with anti slip function so that they can be used for a variety of uses such as door mat, exercise mats, bath mats, runners , rugs etc indoors. Further the invention is to provide a one piece floor mat for use as vehicle floor mat, doormat and sports mat, which is composed of two layers of materials which are bonded to one another without the application of any solvent glue or adhesive. As the two layers are laminated firmly without the risk of remaining any harmful solvent to the user, it is in an excellent environmental sense.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3432/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR PROVIDING A MULTIFACILITY REDEVELOPMENT PROJECT.

(51) International classification	:E04B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. MUKTI STAR
(32) Priority Date	:NA	Address of Applicant :AMRUTA CHS LTD, A-WING 403,
(33) Name of priority country	:NA	PLOT NO.224, SECTOR-5, CHARKOP, KANDIVALI(W),
(86) International Application No	:NA	MUMBAI - 400067, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)GAIKWAD, JITENDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This method for providing a multifacility redevelopment project provides a sustainable livelihood to the existing residents. A method for providing a multifacility redevelopment project comprises of redeveloping the MHADA / slum area to give homes at affordable price followed by constructing optional temporary homes for tenants and reconstructing a multi storey building with all amenities such as rain water harvesting system, solar power generation system, shopping malls, multiplex and drama theater, star hotels, escalator over bridge, fire station. This redevelopment project provides more safety without any maintenance.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3436/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED ALLOY STEEL

(51) International classification	:C22C38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANGAL PYAARELAL
(32) Priority Date	:NA	Address of Applicant :106 VALENTINA, HIRANANDANI
(33) Name of priority country	:NA	ESTATE, PATALIPADA, GHODBUNDER ROAD,
(86) International Application No	:NA	THANE(WEST) - 400 607. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MANGAL PYAARELAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved alloy steel comprising a pre-determined combination of chromium steel and superior wear resistant carbon alloy, said alloy being adapted to be prepared by annealing said combination of materials at a pre-defined temperature such that the overall carbon level is raised upto 0.15% of weight.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3514/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : MODIFIED DISINTEGRATION APPARATUS FOR LARGE-SIZE CAPSULES

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MRS MEENA LALIT SHARMA
(32) Priority Date	:NA	Address of Applicant :SELECTION GRADE LECTURER,
(33) Name of priority country	:NA	DEPARTMENT OF PHYSICS, K. J. SOMAIYA COLLEGE OF
(86) International Application No	:NA	SCIENCE & COMMERCE, VIDYAVIHAR, MUMBAI- 400
Filing Date	:NA	077, MAHARASHTRA, INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MRS MEENA LALIT SHARMA
Filing Date	:NA	2)MS NEHA LALIT SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a modified disintegration test apparatus for large-size gelatin capsules, such that, it can accommodate the range of large-size gelatin capsules having volumetric capacities from 3 ml to 28 ml, and provide free movement akin to what is provided by the disintegration test apparatus recommended in the pharmacopoeias for smaller size gelatin capsules having volumetric capacities from 0.13 ml to 1.37 ml and obviates the drawbacks of the presently available apparatus for testing the disintegration of gelatin capsules. Note: Repeat boxes in case of more than one entry To be signed by the Applicant(s) or by authorized registered patent agent Name of the applicant(S) should be given in full, family name in the beginning Complete address of the applicant(s) should be given stating pin code, state, and country Strike out the column which is /are not applicable

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3583/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM FOR ENCAPSULATION AND RELEASE OF FRAGRANT MOLECULES USING NANOCONTAINER

(51) International classification	:A61k8/11	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF DR. KALPANA SHRIKANT JOSHI
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 57, SHRIRAJ, NATARAJ
(33) Name of priority country	:NA	SOCIETY, KARVENAGAR, PUNE 411052, MAHARASHTRA
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PROF DR KALPANA JOSHI
(61) Patent of Addition to Application Number	:NA	2)MR SHAILESH A GHODKE
Filing Date	:NA	3)MR SAMIT E KAREKAR
(62) Divisional to Application Number	:NA	4)DR SHIRISH H SONAWANE
Filing Date	:NA	

(57) Abstract :

The present application relates to design a delivery system of perfume and consumer product comprising nano containers based encapsulation system. Investigation also provided a composition for use in the delivery of a active agent for sustainable release of active ingredients.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3673/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : TRAINING AID FOR GOLF SWING.

(51) International classification	:A63B69/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)MAJUMDAR AMAL KUMAR
Address of Applicant :28, SERENITY, RAMNAGAR
COLONY, BAVDHAN, PASHAN, PUNE - 411 021.
Maharashtra India
(72)Name of Inventor :
1)MAJUMDAR AMAL KUMAR

(57) Abstract :

(a) A training aid for teaching golf has been invented for explaining the biomechanics of Golf Swing. (b) A hand glove has been fitted with a golf tee. (A simple invention) (c) During the practical class when a golf swing is taken putting on the above glove, the position of the tee angle in relation to the ground is explained. Thereby making the golf player understand how to move his hands with the golf club with a proper grip. That helps the player to understand easily how to keep the swing under groove. This also explains the biomechanics of golf swing. That is how one body part under motion influences the movement of other body parts while taking a golf swing.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3117/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A COATING COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)DR. KULKARNI ALPANA PRADEEP

Address of Applicant :C-202, PINNAC APARTMENTS,
PINNAC SADICHA CO-OPERATIVE HOUSING SOCIETY,
NEAR MIT COLLEGE, KOTHRUD, PUNE-29,
MAHARASHTRA, INDIA.

2)SHAIKH YUNUS

3)DR. DEGHAN MOHAMED HASSAN GULAM REZA

(72)Name of Inventor :

1)DR. KULKARNI ALPANA PRADEEP

2)SHAIKH YUNUS

3)DR. DEGHAN MOHAMED HASSAN GULAM REZA

(57) Abstract :

The present invention provides an aqueous coating composition for pharmaceutical, nutraceutical and veterinary use, which comprises i) 10 % to 15 % of neem gum as a film forming agent, ii) 0.7 % to 2 % of plasticizer, iii) 0.1 % to 3 % of opacifying agent, iv) 0.25 % to 3% of detackifying agent, and v) 70 % to 90 % of vehicle. The present invention also provides a simple process for preparing the aqueous coating composition. The present invention further provides coated formulations such as tablets, granules and pellets containing active ingredient.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A COMPOSITION PREPARED FOR THE MAKING AND CHARGING OF THE BATTERY WITHOUT ELECTRICITY LIFE LONG

(51) International classification	:H01M10/00
(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)Nigam Rupa Shashikant
Address of Applicant :C/o Shashikant Nigam House No.
264/L New Railway Colony Sabarmati Ahmedabad- 380019
Gujarat India.
(72)**Name of Inventor :**
1)Nigam Rupa Shashikant

(57) Abstract :

The present invention discloses a composition prepared from cow waste sulphuric acid zinc rod and copper rod for filling in the battery for the working of the battery without using electricity. The composition is filled upto the maximum level of the battery marked in the battery and the battery has two electrodes known as positive electrode and negative electrode dipped in the composition. Upper part of the battery has two end points from the negative electrode and positive electrode known as negative end and positive end for outer connection. The assembled battery gets maintained by providing sunlight to the positive end of the battery and replaces solar panel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3457/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ANTI COROSIVE LIGHT WEIGHT ROLLERS FOR CONVEYOR SYSTEM

(51) International classification	:B65G13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GLOBAL CONVEYOR SYSTEMS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :D-3/31, SANCOALE INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, P. O. ZUARINAGAR - 403 726, GOA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRANESH RAGHUNATH DHOND
(87) International Publication No	:N/A	2)VISHRAM YESHWANT DHOND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Anti Corrosive Light Weight Roller for Conveyor System which is light in weight, low on power consumption and easy to fit or replace lesser power requirements, lesser carbon foot print and more towards green technology.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3467/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : INCENTIVISED REVENUE MODEL FOR GROUP MEDIA

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. PINAKI PANDIT
(32) Priority Date	:NA	Address of Applicant :MR. PINAKI PANDIT B-504 OM
(33) Name of priority country	:NA	MANUSMRUTI SOCIETY, DONGRIPADHA, GB. ROAD,
(86) International Application No	:NA	THANE WEST, MUMBAI 400601 MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. PINAKI PANDIT
(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 about bringing privacy to everyday group media, wherein a member can enter absolutely free of cost, but can earn incentive from the revenue source of the media. Part of the revenue generated by the group media and Affiliate media are used as an incentive to the subscriber, and the introducer of the subscriber. The incentive can further extend to the group of introduces who were linked as a chain, to the entry of the last member. The value of the incentive to be as per revenue and privacy agreements with the Media service provider.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3678/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : CLUTCH BEARING ASSISTED TRANSMISSION

(51) International classification	:B62M9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RASHMI GANESH HINGMIRE

Address of Applicant :959, BUDHWAR PETH, PUNE-411002 Maharashtra India

(72)Name of Inventor :

1)SANDEEP AVDHOT KHOT

(57) Abstract :

The present invention is Clutch Bearing Assisted Transmission for smooth running of the two wheeler and to help to reduce the difference between the actual average and claimed average. As cam is used in Clutch bearing, it is one way mechanism and hence it arrest the system while rotating in opposite direction. The clutch bearing drives the wheel at higher speed between engine speed and momentum or gravity or slope speed. This clutch bearing is mounted on gear(for non gear two wheeler) or sprocket(for gear two wheeler). For assembling clutch bearing on gear or sprocket initially depending on the load and speed factor of the two wheeler particular clutch bearing is selected and manually or press fitted in gear or sprocket. This reduces fuel consumption and gives riding pleasure to the driver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3275/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR ZINC OXIDE NANOPARTICLE SYNTHESIS USING SOLAR ENERGY

(51) International classification	:B82Y30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHANAGE BHALCHANDRA MAHADEO
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTERY
(33) Name of priority country	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY NATHALAL
(86) International Application No	:NA	PAREKH MARG, MATUNGA (EAST), MUMBAI- 400 019
Filing Date	:NA	MAHARASHTRA, INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATIL ANIRUDDHA BALKRISHNA
Filing Date	:NA	2)LANKE SATISH ROHIDAS
(62) Divisional to Application Number	:NA	3)PANDIT ANIRUDDHA BHALCHANDRA
Filing Date	:NA	4)BHANAGE BHALCHANDRA MAHADEO

(57) Abstract :

Present invention reports a novel method for the synthesis of zinc oxide nanoparticles using solar energy as a driving force. Zinc oxide nanoparticles are synthesized by zinc acetate as a precursor with 1,4-butanediol as a solvent and the use of solar energy as an energy source. The process was carried out in presence or absence of capping agent. Starch was used as a capping agent. The process is novel as it does not require any other conventional and expensive energy source. This method avoids high temperature heating i.e. calcinations in the zinc oxide nanoparticles synthesis reported in the conventional methods. The size of zinc oxide nanoparticles were found to be in the range of 1-100 nm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3276/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR MAGNESIUM OXIDE NANOPARTICLE SYNTHESIS USING SOLAR ENERGY

(51) International classification	:B82Y30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHANAGE BHALCHANDRA MAHADEO
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTERY
(33) Name of priority country	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY NATHALAL
(86) International Application No	:NA	PAREKH MARG, MATUNGA (EAST), MUMBAI- 400 019
Filing Date	:NA	MAHARASHTRA, INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATIL ANIRUDDHA BALKRISHNA
Filing Date	:NA	2)BHATTE KUSHAL DEEPAK
(62) Divisional to Application Number	:NA	3)PANDIT ANIRUDDHA BHALCHANDRA
Filing Date	:NA	4)BHANAGE BHALCHANDRA MAHADEO

(57) Abstract :

Synthesis of magnesium oxide nanoparticles using a process in which the solar energy used as a driving force is presented in this invention. Magnesium oxide nanoparticles are synthesized by magnesium acetate as a precursor with ethylene glycol/ 1,3-propanediol solvents in the presence of Polyvinylpyrrolidone (PVP) or starch as a capping agent and solar energy as an energy source. The process is novel as it does not require any other expensive energy source. The size of magnesium oxide nanoparticles was found to be in the range of 1-100 nm.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3488/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : IDENTIFICATION AND/OR VERIFICATION OF AN INDIVIDUAL BASED ON BIOMETRICS AND/OR PHOTO IMAGE AND /OR SIGNATURE AND/OR SECURE CODE AND/OR IVRS VALIDATION PROCESS.

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. JITENDRA S. BHUJLE
(32) Priority Date	:NA	Address of Applicant :C-38, SHANTI MAHAL, SHASTRI
(33) Name of priority country	:NA	NAGAR, S V ROAD, BORIVALI WEST, MUMBAI 400092.
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	2)MR. REMI J. VAZ
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. JITENDRA S. BHUJLE
Filing Date	:NA	2)MR. REMI J. VAZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is to introduce a process which enables identification and / or verification of an individual and / or his mobile phone and / or his device based on biometrics and / or photo image and / or signature and / or secure code and / or IVRS validation process to create a secure delivery mechanism for the individual to access and / or to avail and / or to operate and / or to conclude an offer and / or gift and / or transaction and / or service and / or access thereof which he is condign for.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.743/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : REWARD BASED ADVERTISING AND CONTENT DELIVERY

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROHIT PARANJPE
(32) Priority Date	:NA	Address of Applicant :7/ZELAM, OPPOSITE CATERING
(33) Name of priority country	:NA	COLLEGE, V.S. MARG, DADAR(W), MUMBAI. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ROHIT PARANJPE
(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 infotainment system, which can be fitted in public transport services and private cars and/or the contents of which can be delivered to wireless devices via a mobile application. Further, the invention is an innovative digital media platform wherein consumers earn rewards for accessing content on screens fitted in public transport services and private cars or delivered to their wireless devices via a mobile application. More particularly, the present invention provides for selective view of advertisement and content by the consumer through the infotainment system fitted in the public transport services. Also, the system provides for e-commerce option which facilitates buys on-the-spot and analyses the usage by consumers to identify consumer preferences and behaviour patterns.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.319/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/02/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM AND DEVICE FOR GENERATING ELECTRICITY FROM CANAL WATER

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THOTTAVALLIL KESAVAKURUP UNNIKRISHNAN
(32) Priority Date	:NA	ASAN
(33) Name of priority country	:NA	Address of Applicant :THOTTAVALLIL
(86) International Application No	:NA	VRINDHAVANAM, 35/234, DAIRY METHANAM ROAD,
Filing Date	:NA	EDAPALLY KOCHI - 682 024 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)THOTTAVALLIL KESAVAKURUP UNNIKRISHNAN
Filing Date	:NA	ASAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and device for generating electricity from canal water where in device is a rotor assembly mounted on plurality of pillars at each end and comprising of a rotor blade member made of light weight, rust proof metal, a horizontal axis member, lever, shaft, generator, transmitters, rotation controlling techniques; the plurality of pillars are erected at each reduction points at each end of the horizontal axis member; each rotor blade is connected to the horizontal axis member through suitable medium; each end of the horizontal axis member is coupled with generator through suitable mechanism keeping the rotor assembly partly submerged in the water surface and also to lift the rotor assembly above the water level whenever required.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : SUSTAINABLE ELECTRIC POWER GENERATION AND DISTRIBUTION USING AGRICULTURE PUMP

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KODI C. NEETHICHAMY
(32) Priority Date	:NA	Address of Applicant :43, KAMARAJAR SALAI,
(33) Name of priority country	:NA	VIRUGAMBAKKAM, CHENNAI - 600 092 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KODI C. NEETHICHAMY
(87) 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 :

Sustainable electric power generation and distribution system using a matrix of already existing agricultural pump potential head in a geographical unit,such as village wherein each pump already installed for irrigation in the aforesaid defined geographical unit, being attached with a hydro generator of appropriate ratings the each said hydro generator being connected to a common charged bank through a charger the charged bank being capable of installation at a appropriate place near to distribution of power at the tail end and the discharged battery bank send back for recharging at a appropriate site of the charged battery bank. The said distribution bank being connected to the load job different denomination depending on the light and power load requirement of the geographical unit and a control room connected between the existing transformer and discharge battery bank. The said control room having suitable control mechanism shut off power when the bank generate sufficient power to meet the local requirement of the geographical unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : EMERGENCY ROLLING GATE AT RAILWAY LEVEL CROSSING GATES

(51) International classification	:A62B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)P.V.N. NAIDU
(32) Priority Date	:NA	Address of Applicant :20-6-198, RAMALINGESWARA PET,
(33) Name of priority country	:NA	NEAR LOTUS LAND MARK, VIJAYAWADA - 520 003
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)P.V.N. NAIDU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention of emergency rolling gate at railway level crossing gates is provided with a sliding arrangement so that the emergency rolling gate can be pulled across the track in case of emergencies. This emergency rolling gate can be made up of material/design of equal strength so that it provide a equally safe arrangement in case of emergency also. The emergency rolling gate can be provided with rolling arrangement or on a sliding arrangement so that the emergency rolling gate can be provided across the road easily in case of emergency.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.377/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : ALIGNMENT RETAINERS FOR STEEL CHANNEL SLEEPERS ON RAILWAY BRIDGES

(51) International classification	:E01B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)P.V.N. NAIDU
(32) Priority Date	:NA	Address of Applicant :20-6-198, RAMLINGESWARA PET,
(33) Name of priority country	:NA	NEAR LOTUS LAND MARK, VIJAYAWADA - 520 003
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)P.V.N. NAIDU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention of alignment retainers is to provide lateral stability of the track on bridges with lateral restrainers taking reaction from the girder in lateral direction The track on railway bridges is laid on channel sleepers and the channel sleepers are fixed to the bridge girders by the bolts called hook bolts. These hook bolts will be holding the sleepers from both the sides vertically and prevent the sleepers from disturbance in lateral direction. Due to the dynamic action of trains the track on the bridges is subjected to frequent alignment disturbance. The present day arrangement is holding the track on bridges in lateral direction is by providing a bolt called hook bolt in the vertical direction which will be holding the track to girders. The present arrangement of holding the track with vertical friction grip between girder and hook bolt is in adequate. Now alignment retainers are designed to hold the track in lateral direction by taking reaction from inside the girder in lateral direction. As this arrangement is holding the track in lateral direction it will not allow any lateral disturbance to track and provide good retention of track alignment.

No. of Pages : 9 No. of Claims : 6

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.1366/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A METHOD, DEVICES AND SYSTEM HAVING OUT OF OFFICE BASED PRESENCE

(51) International classification

:B41B

(31) Priority Document No

:09162654.9

(32) Priority Date

:15/06/2009

(33) Name of priority country

:EPO

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada.

(72)Name of Inventor :

1)GRIFFIN Jason Tyler

(57) Abstract :

A method, devices and system having out of office based presence are provided. In accordance with one embodiment, there is provided a method of sharing presence information, comprising: receiving input to enable an out of office utility for a first email account; notifying a messaging server managing the first email account that the out of office utility has been enabled; and providing to one or more recipients a presence status data packet indicating a presence status of out of office for a user associated with the first email account subsequent to the enabling of the out of office utility.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1470/DEL/1997 A

(19) INDIA

(22) Date of filing of Application :02/06/1997

(43) Publication Date : 10/02/2012

(54) Title of the invention : FLOW METER PIOT TUBE WITH TEMPERATURE SENSOR

(51) International classification	:G01F 1/46	(71) Name of Applicant :
(31) Priority Document No	:08/658,147	1)DIETERICH STANDARD INC.,
(32) Priority Date	:04/06/1996	Address of Applicant :5601 NORTH 71st
(33) Name of priority country	:U.S.A.	STREET,BOULDER,CO 80301, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RALENE S. MAHNEY
(87) International Publication No	:NA	2)JOHN EVERETT GARNETT
(61) Patent of Addition to Application Number	:NA	3)DONALD R. VERHAAGEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A combined temperature and pressure sensing probe assembly for a flow measurement system comprising, a tubular body, a portion of which is adapted for insertion into fluid flowing in a confined conduit, such as a pipe. Within the tubular body are separated plenums which are exposed respectively to high and low fluid pressures in the flow. A manifold block is attached to that portion of the tubular body which is disposed outside of the pipe containing the fluid flow. Along with valves and fluid conveying channels, the block is equipped with a duct for carrying electrical conductors and also contains a traversing bore which is aligned with the tubular body) and is in communication with the conductor carrying duct. An electrically responsive temperature sensor is disposed within the tubular body and is mounted in the aligned bore of the manifold. Conductors from the temperature sensor are directed from the manifolds bore through the connecting duct to a point exterior of the manifold.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A NORMALLY OPEN SOLENOID VALVE AND AN ASSEMBLING METHOD THEREOF

(51) International classification	:B60D
(31) Priority Document No	:200910149820.6
(32) Priority Date	:26/06/2009
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZHEJIANG SANHUA CLIMATE & APPLIANCE
CONTROLS GROUP CO. LTD.
Address of Applicant :Chengguan Town Xinchang County
Zhejiang Province 312500 P.R. China
(72)**Name of Inventor :**
1)CHEN Bin

(57) Abstract :

a normally open solenoid valve and an assembling method thereof are provided. The normally open solenoid value includes a valve includes a valve body component and coil component.....

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1571/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : LIGHT-EMITTING DIODE ILLUMINATION PLATFORM

(51) International classification	:B66B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NEOBULB TECHNOLOGIES, INC.
(32) Priority Date	:NA	Address of Applicant :RM. 51, 5TH FL., BRITANNIA
(33) Name of priority country	:NA	HOUSE, JLN. CATOR, BS 8811, BANDAR SERI BEGAWAN,
(86) International Application No	:NA	BRUNEI DARUSSALAM
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)CHEN, JEN-SHYAN
(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 light-emitting diode illumination platform. When the form factor and the driving current of the light-emitting diode illumination platform are almost fixed, the light-emitting diode illumination platform could includes a certain quantity of light-emitting diodes to be driven by the driving current to light, and if the light-emitting diode illumination platform alternatively includes more light-emitting diodes, the light-emitting diode illumination platform could be driven by the same driving current to light in higher illumination. Similarly, the light-emitting diode illumination platform could alternatively include light-emitting diodes with high luminous efficiency. Thereby, the light-emitting diode illumination platform of the invention with fixed structure size has the advantage of providing different illumination by equipping with different quantities of light-emitting diodes or with light-emitting diodes with different luminous efficiencies.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1577/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : RECOMBINANT NON-TOXIC PROTEIN VACCINE AGAINST CLOSTRIDIUM PERFRINGENS INFECTION AND EPSILON TOXIN INTOXICATIONS

(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)NATIONAL INSTITUTE OF IMMUNOLOGY

Address of Applicant :an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860) Aruna Asaf Ali Marg New Delhi 110 067 India.

(72)Name of Inventor :

1)LALIT CHANDER GARG

2)APARNA DIXIT

3)KESHAV GOPAL

(57) Abstract :

The present invention relates to generation and high level expression of recombinant nontoxic of epsilon toxin of Clostridium perfringens as a recombinant vaccine against Clostridium perfringens infection and a process for producing the vaccine involving amplifying, cloning, transforming, incubating and purifying the recombinant non-toxic epsilon toxin protein. Thus in this invention, substitution mutation Y7IG was executed in recombinant Etx and the recombinant EtxY7IG protein was over-expressed in soluble form. Expressed protein was purified near homogeneity by DEAF sepharosc anion exchange chromatography with high yield. Potential of rEtxY7IG as a vaccine candidate was evaluated and found to be highly specific and immunogenic. The present invention is the first report for high level expression of non toxic rEtxY7IG mutant protein of Clostridium perfringens. Upto 100 mg/L of highly immunogenic and homogeneous recombinant EtxY7IG protein of 31 kl)a was produced. Further, the immunization with rEtxY7IG gave very high titer and conferred protection against epsilon toxin intoxication.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1628/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : Fiber Spinning Process Using A Weakly Interacting Polymer

(51) International classification :C08B
(31) Priority Document No :61/191,103
(32) Priority Date :05/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/56181
Filing Date :08/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(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)DEE GREGORY, T.
2)HOVANEK Joseph Brian
3)MEERVELD Jan Van

(57) Abstract :

A fiber spinning process comprising the steps of providing a polymer solution, which comprises at least one weakly interacting polymer dissolved in at least one weakly interacting solvent to a spinneret; issuing the polymer solution in combination with a blowing gas in a direction from at least one spinning nozzle in the spinneret and in the presence of an electric field; forming fibers and collecting the fibers on a collector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1662/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/03/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : REVERBERATION CHAMBER

(51) International classification	:G01R 29/08
(31) Priority Document No	:06 43749
(32) Priority Date	:14/09/2006
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2007/051871
Filing Date	:05/09/2007
(87) International Publication No	:WO 2008/031964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE
Address of Applicant :37, BOULEVARD DE MONTMORENCY,75016 PARIS, FRANCE.
(72)**Name of Inventor :**
1)FREDERIK KOSDIKIAN
2)OLIVIER MAURICE
3)OLIVIER URREA

(57) Abstract :

To construct a reverberation chamber, a chamber provided with reflecting walls is intended to contain an antenna and a field stirrer which are placed opposite an object to be tested. It is shown that by modifying an orientation of a main direction of irradiation from the antenna, it is possible to create a very large number of cavity modes inside the chamber and thus achieve the required variety of possible impingements on the object to be tested, such that the test carried out is as conclusive as possible and the least dependent possible on the dimensions and characteristics of the chamber.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1670/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/03/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : SIMULATION METHOD FIBER ORIENTATION CONTROL METHOD AND FIBER ORIENTATION CONTROL APPARATUS

(51) International classification	:D21F 1/06
(31) Priority Document No	:2006-240001
(32) Priority Date	:05/09/2006
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2007/067201
Filing Date	:04/09/2007
(87) International Publication No	:WO 2008/029797
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)YOKOGAWA ELECTRIC CORPORATION
Address of Applicant :9-32, NAKA-CHO 2-CHOME,
MUSASHINO-SHI, TOKYO 180-8750, JAPAN.
2)NIPPON PAPER INDUSTRIES CO. LTD,
(72)Name of Inventor :
1)TAKASHI SASAKI
2)HIROFUMI SANO
3)KATSUMASA ONO
4)HIDENOBU TODAROKI

(57) Abstract :

A method includes steps of: expressing changes of velocity components of a paper material at an exit of a slice lip by using a mathematical model, wherein the changes of velocity components are caused by manipulating an edge flow adjustment means (or a side bleed adjustment means) of a headbox when supplying the paper material on a wire; without changing a velocity component of a flow of the paper material in the mathematical model, setting the mathematical model based on an assumption in which a velocity component orthogonally crossing a flow direction of the paper material is proportionally changed by changes of an edge flow (or a side bleed) of a certain response width from the exit of the slice lip; and conducting a forecasting calculation of changes of a fiber orientation profile in a cross direction by using the mathematical model.

No. of Pages : 65 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : LINKERS FOR MAYTANSINOIDS AND THE METHOD OF PREPARATION

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:60/471,739	1)IMMUNOGEN INC.
(32) Priority Date	:20/05/2003	Address of Applicant :830 WINTER STREET, WALTHAM,
(33) Name of priority country	:U.S.A.	MA 02451, U.S.A.
(86) International Application No	:PCT/US2004/013314	(72)Name of Inventor :
Filing Date	:20/05/2004	1)WIDDISON Wayne C.
(87) International Publication No	: NA	2)CHARI Ravi V. J.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:4915/DELNP/2005	
Filed on	:26/10/2005	

(57) Abstract :

New thiol and disulfide-containing maytansinoids bearing a mono or di-alkyl substitution on the α -carbon atom bearing the sulfur atom are disclosed. Also disclosed are methods for the synthesis of these new maytansinoids and methods for the linkage of these new maytansinoids to cell-binding agents. The maytansinoid-cell-binding agent conjugates are useful as therapeutic agents, which are delivered specifically to target cells and are cytotoxic. These conjugates display vastly improved therapeutic efficacy in animal tumor models compared to the previously described agents.

No. of Pages : 127 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1799/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :10/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MAYTANSINOIDS AND THE METHOD OF PREPARATION

(51) International classification	:C07D
(31) Priority Document No	:60/471,739
(32) Priority Date	:20/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/013314
Filing Date	:20/05/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4915/DELNP/2005
Filed on	:26/10/2005

(71)**Name of Applicant :**
1)IMMUNOGEN INC.
Address of Applicant :830 WINTER STREET, WALTHAM,
MA 02451, U.S.A.
(72)**Name of Inventor :**
1)WIDDISON Wayne C.
2)CHARI Ravi V. J.

(57) Abstract :

New thiol and disulfide-containing maytansinoids bearing a mono or di-alkyl substitution on the α -carbon atom bearing the sulfur atom are disclosed. Also disclosed are methods for the synthesis of these new maytansinoids and methods for the linkage of these new maytansinoids to cell-binding agents. The maytansinoid-cell-binding agent conjugates are useful as therapeutic agents, which are delivered specifically to target cells and are cytotoxic. These conjugates display vastly improved therapeutic efficacy in animal tumor models compared to the previously described agents.

No. of Pages : 130 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1822/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : LIGHT TRAP SAFER TO BENEFICIAL INSECTS

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	UNIT NATIONAL CENTRE FOR INTEGRATED PEST
(33) Name of priority country	:NA	MANAGEMENT
(86) International Application No	:NA	Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA
Filing Date	:NA	PRASAD ROAD, NEW DELHI-110001 India
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. SURENDER KUMAR SINGH
Filing Date	:NA	2)DR. OMPRAKASH BAMBAWALE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Light trap safer to beneficial insects can be used for monitoring or mass trapping of harmful insect pests. It consists of a light source, a receptacle to direct attracted insects towards insect collecting chamber which consists porous body. There is a protective covering which covers the insect collecting chamber and contains a light source inside it. The light source existing on the receptacle attracts the insects towards it and these get collected into the porous chamber. The light source existing inside the protective covering starts attracting the trapped insects towards it and thus insect grading takes place as per insects body size. The beneficial insects (parasitoids) being smaller in body size get separated out and come out from the chamber. It will prove an important tool of integrated pest management strategies.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.1829/DEL/2010 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : SOFT FAT

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARI OM BANSAL
(32) Priority Date	:NA	Address of Applicant :M/S SHRI SHYAM PRODUCT RICO
(33) Name of priority country	:NA	INDUSTRIAL AREA, CHIDWA DISTT. JHUNJHNU,
(86) International Application No	:NA	Rajasthan India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)HARI OM BANSAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The process of this invention is the simplicity of its method combines with in establishing new horizons of application This Soft Fat is the perfect combination of Cotton Seed 30%, Soya Refined 30%, Vanaspati (Cotten refined hydrogenated) 80%. Provide heat 80° C temprature and boiled it slowly slowly for 40 minutes, after that kept in refrigerator at 50° C for eight hours subsequent accordingly the invention was made. There are no known processes for the preparation of SOFT FAT on an industrial scale and hence no prior art available. The inventor of the present invention has observed that the SOFT FAT is formed presumably because perfect combination of Vanaspati (cotten refined Hydrogenated) and palm refined.Both are good for health.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1821/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED TOPICAL PHARMACEUTICAL COMPOSITION COMPRISING NANONIZED SILVER SULFADIAZINE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED,
(32) Priority Date	:NA	Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country	:NA	NEHRU PLACE, NEW DELHI-110019, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NEETA GUPTA
(87) International Publication No	:NA	2)SIMRATA BEDI
(61) Patent of Addition to Application Number	:NA	3)JYOTI SRIVASTAVA
Filing Date	:NA	4)VINOD KUMAR ARORA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved topical pharmaceutical composition for burn treatment and microbial infections on human beings or animals. The pharmaceutical composition comprises 0.1-1% w/w of an antimicrobial drug, i.e., silver sulfadiazine and 0.2% w/w antiseptic, i.e., chlorhexidine gluconate; wherein silver sulfadiazine is in nanonized form.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.1835/DEL/2010 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF STABLE SUSPENSION OF NANO SILVER PARTICLES HAVING ANTIBACTERIAL ACTIVITY

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI), DEPARTMENT OF SCIENCE AND
(86) International Application No	:NA	TECHNOLOGY, GOVT. OF INDIA
Filing Date	:NA	Address of Applicant :N-23, GREEN PARK EXTENSION
(87) International Publication No	:NA	NEW DELHI, 110016 India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JANARDHANAN REVATHI
(62) Divisional to Application Number	:NA	2)NEHA HEBALKAR
Filing Date	:NA	3)TATA NARSINGA RAO

(57) Abstract :

The present invention relates to an improved environmental friendly process for the preparation of stable suspension of nano silver particles having antibacterial activity. The suspension of the present invention has antibacterial activity even at lower concentrations of nano silver and the nano silver suspension is also stable even after centrifuge at 6000 rpm. More particularly by the process of the present invention, nano silver suspension containing nano silver particles of size 10-50 nm with silver content in the range 0.0135 to 0.135 wt % can be prepared. The nano silver suspension prepared by the process of the present invention is found to be stable for several months for lower concentrations and few months for the maximum concentration of 0.135 wt %. This process can also be used for large scale commercial production of nano silver suspension.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1857/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED CNG CYLINDER VALVE

(51) International classification

:B27B

(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)MARUTI SUZUKI INDIA LIMITED

Address of Applicant :1, NELSON MANDELA ROAD,
VASANT KUNJ, NEW DELHI-110070, INDIA.

(72)Name of Inventor :

1)PRASENJIT KHAN

2)SHRIGANESH UMBARKAR

3)SIRAJ MANSURI

(57) Abstract :

This invention relates to an improved CNG cylinder valve comprising of CNG cylinder valve with only one side opening and other side is having inbuilt plug.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1862/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : MULTIDIRECTIONAL LIGHT DISTRIBUTION SYSTEM/APPARATUS

(51) International classification	:B25F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAGHUVIR SURANA
(32) Priority Date	:NA	Address of Applicant :SB-161, BAPU NAGAR MAHATMA
(33) Name of priority country	:NA	GANDHI MARG, JAIPUR-302015, Rajasthan India
(86) International Application No	:NA	2)MANU AGNIHOTRI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RAGHUVIR SURANA
(61) Patent of Addition to Application Number	:NA	2)MANU AGNIHOTRI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides at least one of light emitting source; at least one of light receiving source; at least one of light propagating source. Here, light receiving source acquires light from the light emitting source and propagates into the any projected directions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1858/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED JOINT FOR STEEL AND COPPER LPG PIPE CONNECTION IN LPG VEHICLES

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DLEHI-110070, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASENJIT KHAN
(87) International Publication No	:NA	2)SHRIGANESH UMBARKAR
(61) Patent of Addition to Application Number	:NA	3)SIRAJ MANSURI
Filing Date	:NA	4)ABHILASH SAVIDHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved joint for steel and copper LPG pipe connection in LPG vehicles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1861/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : BLOOD COLLECTION DEVICE

(51) International classification	:A61B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34. India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. SANJEEV JAIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a needle assembly comprising: a cannula hub defining a chamber; an inlet cannula defining an axis and having a distal end and a lumen extending therethrough, the inlet cannula being mounted to the cannula hub such that the distal end of the inlet cannula is external of the cannula hub and such that the lumen through the inlet cannula communicates with the chamber; an outlet cannula having a proximal end and a lumen extending therethrough, the outlet cannula being mounted to the cannula hub such that the proximal end of the outlet cannula is external of the cannula hub and such that the lumen of the outlet cannula communicates with the chamber; a closed sleeve mounted over a portion of the outlet cannula disposed externally of the cannula hub; and a venting mechanism providing communication between the chamber and ambient surroundings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1859/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A NOVEL INDIGENOUS HAIR CARE OIL FOR PREVENTION AND TREATMENT OF ALOPECIA/ SCANTY HAIR/ BALDNESS/ HAIR FALL/ GRAYING HAIR/ DANDRUFF AND A PROCESS FOR PREPARING THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FATIMA HASAN

Address of Applicant :D-237, ABUL FAZAL ENCLAVE,
OKHLA, NEW DELHI-110025, INDIA.

2)SAIYED RAISUL HASAN

3)RAHIMUNNISA SHAHANA

(72)Name of Inventor :

1)FATIMA HASAN

2)SAIYED RAISUL HASAN

3)RAHIMUNNISA SHAHANA

(57) Abstract :

This invention relates to a novel indigenous hair care oil for treatment and prevention of alopecia/ scanty hair/ baldness/ hair fall/ graying hair/dandruff comprising of dried leech/ blood extracted from leeches/ extract of leech/ leech, vegetable oil and perfume and also this invention relates to a process for the preparation of indigenous hair oil comprising of 15-100 gm of dried leech/ extract of leech/ blood extracted from leeches/ leech is introduced to a steel vessel and 1 litre mustard oil is poured in it, the mixture of step (a) is boiled at 90-150°C for 5 minutes and then at 50-70°C for 4 hours; the mixture of step (b) is then filtered and centrifuged at 5000rpm for 30 minutes and supernatant is collected in a separate container; Perfume is added to the supernatant oil and mixed well using a magnetic stirrer to obtain clear and clean hair oil.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2035/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :27/03/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : PARTICLE OF RHODIUM-TELLURIUM INTERMETALLIC COMPOUND, ITS PRODUCTION METHOD, AND ITS APPLICATION

(51) International classification :B01J 27/057
(31) Priority Document No :2006-258836
(32) Priority Date :25/09/2006
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2007/068497
Filing Date :25/09/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MITSUBISHI CHEMICAL CORPORATION
Address of Applicant :14-1 Shiba 4-chome Minato-ku Tokyo
108-0014 Japan
2)TOHOKU UNIVERSITY
(72)Name of Inventor :
1)TOHOKU UNIVERSITY
2)Atsushi MURAMATSU
3)Hideyuki TAKAHASHI
4)Hironobu OHNO
5)Kazunari TAKAHASHI

(57) Abstract :

For the purpose of efficiently producing a high-purity rhodium-tellurium intermetallic compound particle, a solution containing a rhodium salt, a tellurium salt and a complexing agent is brought into contact with a reducing agent and an organic compound containing a sulfur atom and/or a nitrogen atom is used as the complexing agent.

No. of Pages : 74 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :21/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : COMBINED SYNTHESIS GAS GENERATOR

(51) International classification :B64D
(31) Priority Document No :61/101,138
(32) Priority Date :29/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/058769
Filing Date :29/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GTLPETROL LLC
Address of Applicant :153 E. 53rd Street Room 5100 New York NY 10022-4631 United States of America
(72)Name of Inventor :
1)ALLAM Rodney J.

(57) Abstract :

In various systems and processes, synthesis gas generation may be combined. A partial oxidation reactor (POX) and a gas convectively heated steam/hydrocarbon catalytic reformer (GHR) may be combined to produce synthesis gas. In some implementations, a partial oxidation reactor, a gas convectively heated steam/catalytic reformer, and a waste heat boiler may be combined to produce synthesis gas.

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

(54) Title of the invention : SUPPORT FOR AT LEAST ONE BRUSH ELEMENT AND LABELING MACHINE

(51) International classification

:B26F

(71)Name of Applicant :

(31) Priority Document No

:10 2009

1)KRONES AG

Address of Applicant :BOHMERWALDSTR. 5, 93073

(32) Priority Date

:03/02/2009

NEUTRAUBLING, GERMANY

(33) Name of priority country

:Germany

(72)Name of Inventor :

(86) International Application No

:NA

1)HELMUT SCHAFFER

Filing 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

$$:\text{N} \equiv \text{A}$$

(57) Abstract :

A support (1) for at least one brush element (10) is disclosed. The support (1) comprises at least one carrier (30), to which the at least one brush element (10) is removably attached on a flat front side (35) of the at least one carrier (30), and at least one bar (2), which is removably attached to the at least one carrier (30) on a rear side (36) opposite the front side (35) of the at least one carrier (30). To the rear side (36) of the at least one carrier (30) at least one elastic locking element (5) is attached, which is lockable with a plurality of parallel flutes (3) of the at least one bar (2). (Figure 7)

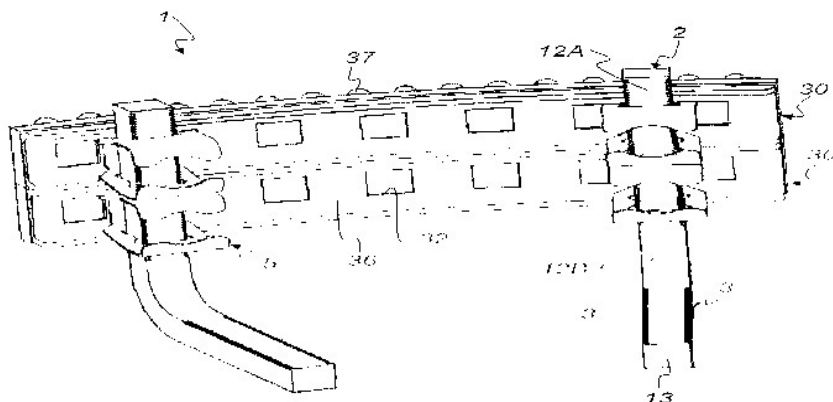


Fig. 7

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2167/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND DEVICE FOR DRAINING LIQUID COATING METAL AT THE OUTPUT OF A TEMPERING METAL COATING TANK

(51) International classification	:C23C 2/00
(31) Priority Document No	:PCT/FR08/001322
(32) Priority Date	:23/09/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/FR08/001322
Filing Date	:23/09/2008
(87) International Publication No	:WO 2010/034892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS VAI METALS TECHNOLOGIES SAS

Address of Applicant :51, RUE SIBERT, F-42403 SAINT-CHAMOND, FRANCE

2)LE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

3)L'INSTITUT POLYTECHNIQUE DE GRENOBLE

(72)Name of Inventor :

1)BENJAMIN

2)JEAN-JACQUES HARDY

3)ROLAND ERNST

4)YVES FAUTRELLE

(57) Abstract :

1. A method for wiping liquid coating metal at the outlet of a tempering metal coating tank for both faces of a steel strip (1) in continuous longitudinal movement characterized in that when moving out of the tank, the strip covered with liquid coating metal passes from a region not subjected to a magnetic field to another region subjected to a static magnetic field (B) created between the poles (N, S) of magnetic members (A1, A2, B1, B2) placed facing one another on either side of the strip and whose field lines intersect over at least one minimum longitudinal extent with said strip, so that the liquid coating metal is correlatively subjected to a magnetic field variation generating on said liquid metal a force opposite to the running direction thereof with the strip.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :02/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification

:F01L

(31) Priority Document No

:10 2010

(32) Priority Date

036 899.7

(33) Name of priority country

:06/08/2010

(86) International Application No

:Germany

Filing 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. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT

Address of Applicant :PORSCHEPLATZ 1, 70435

STUTTGART, Germany

(72)Name of Inventor :

1)FRANK ICKINGER

2)JOACHIM GRUNBERGER

(57) Abstract :

The invention relates to an internal combustion engine having a plurality of cylinders, a crankcase, a cylinder head and a cylinder-head cover, the cylinder head being formed from a cylinder-head lower part and a camshaft housing which is positioned between the cylinder-head cover and the cylinder-head lower part, and at least one camshaft and one sliding cam which can be displaced axially on the camshaft and has a slotted- guide section being provided for actuating gas exchange valves of the internal combustion engine, an actuator with an actuatable pin being provided for bringing -about an axial displacement of the sliding cam (13). Furthermore, the camshaft and the sliding cam are positioned in the camshaft housing, the camshaft which is mounted rotatably for valve actuation being arranged with the axially displaceable sliding cam in the camshaft housing in such a way that they can be attached to the cylinder-head lower part as one preassembled unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2192/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :03/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : QUANTUM DOT SOLAR CELLS AND METHODS FOR MANUFACTURING SUCH SOLAR CELLS

(51) International classification	:C09K	(71)Name of Applicant :
(31) Priority Document No	:12/849719	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:03/08/2010	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NEW JERSEY 07962-2245, UNITED
(86) International Application No	:NA	STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ANNA LIU
(61) Patent of Addition to Application Number	:NA	2)ZHI ZHENG
Filing Date	:NA	3)LINAN ZHAO
(62) Divisional to Application Number	:NA	4)MARILYN WANG
Filing Date	:NA	

(57) Abstract :

Solar cells, methods for manufacturing a quantum dot layer for a solar cell, and methods for manufacturing solar cells are disclosed. An illustrative method for manufacturing a solar cell may include dissolving a cadmium-containing compound in a first non-aqueous solvent to form a cadmium precursor solution, dissolving a selenium-containing compound in a second non-aqueous solvent to form a selenium precursor solution, combining the cadmium precursor solution with the selenium precursor solution to form a mixed solution, and exposing an electron conductor film to the mixed solution. Exposing the electron conductor film to the mixed solution may cause a cadmium and selenium quantum dot layer to be provided on the electron conductor film. This is just one example method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2193/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : THREE-PHASE HIGH FREQUENCY TRANSFORMER

(51) International classification :B66B
(31) Priority Document No :2008-214993
(32) Priority Date :25/08/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/064448
Filing Date :18/08/2009
(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)SEIDEN MFG. CO. LTD.
Address of Applicant :300-6 Shimoechi Atsugi-shi
Kanagawa 2430806 Japan
(72)Name of Inventor :
1)HONNA Tsunehiko

(57) Abstract :

A three-phase high frequency transformer has: a ferrite core formed from three solid-cylindrical cores and a ceiling plate and a bottom plate; and three sets of coils having primary coils of a predetermined inner diameter that are formed by bending flat wires plural times in width directions of the flat wires, and secondary coils that are formed such that an inner diameter is the same as the inner diameter of the primary coils by bending flat wires, that have a width that is different than a width of the flat wires of the primary coils , in width directions of the flat wires, and the flat wires that structure the secondary coils are interposed within intervals of the flat wires that structure the primary coils, and the three ...

No. of Pages : 99 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2216/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : LIGHT EMITTING DEVICE AND IMAGE DISPLAY UNIT

(51) International classification	:B41M	(71)Name of Applicant :
(31) Priority Document No	:2010-177193	1)NICHIA CORPORATION
(32) Priority Date	:06/08/2010	Address of Applicant :491-100, OKA, KAMINAKA-CHO,
(33) Name of priority country	:Japan	ANAN-SHI, TOKUSHIMA 774-8601, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAKEO KURIMOTO
(87) 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 light emitting device includes a package having a recess, a lead frame buried in the package so that one end of the lead frame is exposed at a bottom of the recess and another end protrudes to an exterior of the package, a light emitting element arranged on the lead frame exposed at the bottom of the recess, and an encapsulant filled in the recess. The package includes, at the side face where the lead frame protrudes, a first side face formed inwardly relative to a side face of the lead frame, and a second side face formed at a lower portion of the first side face and protruded so as to cover a top face of the lead frame.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2215/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : BATTERY PACK WITH A CONNECTOR TO SUPPLY POWER TO ELECTRICAL APPARATUS CONNECTING TERMINALS

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:2010-176726	1)SANYO ELECTRIC CO.,LTD.
(32) Priority Date	:05/08/2010	Address of Applicant :5-5,KEIHAN-HONDORI 2-CHOME, MORIGUCHI-SHI,OSAKA,570-8677, Japan
(33) Name of priority country	:Japan	2)SUZUKI MOTOR CORPORATION
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOUICHI FUKUKAWA
(87) International Publication No	:NA	2)SHINGO YONEYAMA
(61) Patent of Addition to Application Number	:NA	3)NORIHIRO MATSUOKA
Filing Date	:NA	4)MANABU KOBAYASHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The battery pack has a connector 3 attached to a case 2 housing a plurality of batteries 11 that can be charged. The connector 3 has a plurality of terminal windows 33, 33 opened in a row in a connecting plane 3X on the insertion-side of the battery pack and exposed from the case 2. A shutter mechanism 4 is provided that is opened by a shutter-opening rod 56, and the shutter mechanism 4 opens and closes one part of the plurality of terminal windows 33, 33 in the connector 3. When the battery pack is not loaded in the loading cavity 51 and the shutter-opening rod 56 is not inserted, the shutter mechanism 4 closes-off connector terminal windows 33. When the battery pack is loaded in the loading cavity 51 and the shutter-opening rod 56 is inserted, the shutter mechanism 4 opens the connector terminal windows 33.

No. of Pages : 55 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.223/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : FLEXIBLE SHAFT CONNECTION AND METHOD

(51) International classification

:B41B

(31) Priority Document No

:12/365,448

(32) Priority Date

:04/02/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SPX COOLING TECHNOLOGIES, INC.

Address of Applicant :7401 WEST 129TH STREET,
OVERLAND PARK, KANSAS 66213, U.S.A.

(72)Name of Inventor :

1)OVERFELT, TRAVIS

(57) Abstract :

A coupling assembly is provided at each end of a shaft. The coupling assemblies include flange member having a radially extending flange having a first outer pattern of fastener attachment points, a first flex element having a second outer pattern of fastener attachment points, and also having a first inner pattern of fastener attachment points, a second flex element having a third outer pattern of fastener attachment points, and also having a second inner pattern of fastener attachment points, a first set of spacers disposed in between the first flex element and the flange and located between the first outer pattern and the second outer pattern of fastener attachment points, a second set of spacers disposed between the first flex element and the second flex element and located between the second outer pattern and the third outer pattern of fastener attachment points, a collar having a third inner pattern of fastener attachment points, and a third set of spacers disposed between the first flex element and the second flex element between the first inner pattern and second inner pattern of fastener attachment points. A variation is disclosed which uses a single flex element.

No. of Pages : 30 No. of Claims : 25

(54) Title of the invention : NAVIGATION SYSTEM AND METHOD FOR PROVIDING DEPARTURE TIMES

(51) International classification :G01C 21/34
 (31) Priority Document No :PCT/EP2008/064324
 (32) Priority Date :22/10/2008
 (33) Name of priority country :PCT
 (86) International Application No :PCT/EP2008/064324
 Filing Date :22/10/2008
 (87) International Publication No :WO 2010/045975
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TOMTOM INTERNATIONAL B.V.Address of Applicant :REMBRANDTPLEIN 35, NL-1017 CT
AMSTERDAM, Netherlands

(72)Name of Inventor :

1)SCHUURBIERS, ROB**2)BOB ARNOLD, SOETERS**

(57) Abstract :

A navigation system comprises a processing resource (202) configured to receive destination data representative of a destination, to determine an expected travel time to the destination, and to determine a departure time in dependence upon the expected travel time to the destination, and an output device (206) for providing the departure time to a user.

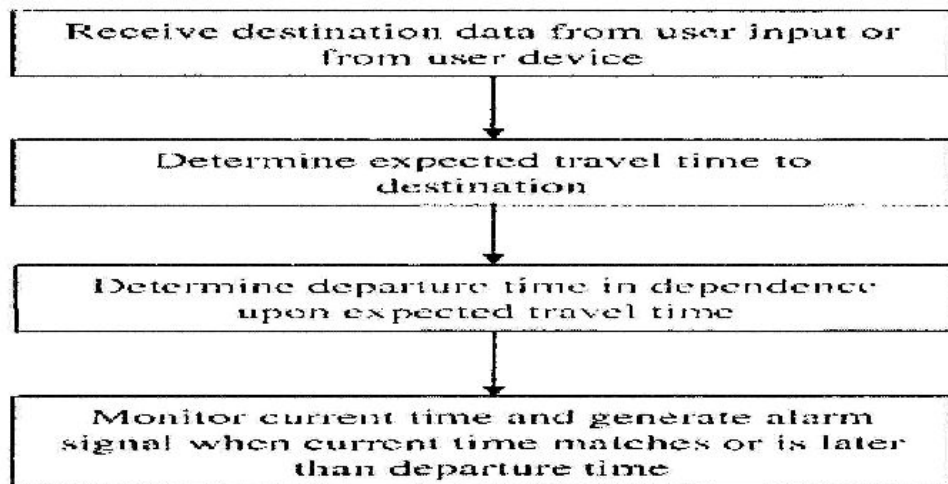


Fig. 16

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2360/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELASTOMERIC COMPOSITIONS BASED ON ESTERS OF A STARCHY MATERIAL AND METHOD FOR PREPARING SUCH COMPOSITIONS

(51) International classification	:C07D
(31) Priority Document No	:08 56936
(32) Priority Date	:13/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051952
Filing Date	:13/10/2009
(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)ROQUETTE FRERES
Address of Applicant :F-62136 Lestrem FRANCE
(72)Name of Inventor :
1)MENTINK Lon
2)TRIPIER Jacques

(57) Abstract :

The subject matter of the present invention is an elastomeric composition, characterized in that it contains: - at least 5% and at most 70% by weight of an ester of a starchy material, which has a degree of ester substitution (DS) of between 1.0 and 3.0, preferably between 1.2 and 3.0, - at least 5% and at most 40% by weight of a plasticizer of this ester of starchy material, said plasticizer preferably being other than water, and - at least 25% by weight and at most 90% by weight of an elastomeric non-starch polymer.

No. of Pages : 58 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2361/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : THERMOPLASTIC OR ELASTOMERIC COMPOSITIONS BASED ON ESTERS OF A STARCHY MATERIAL AND METHOD FOR PREPARING SUCH COMPOSITIONS

(51) International classification	:C07D
(31) Priority Document No	:08 56937
(32) Priority Date	:13/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051951
Filing Date	:13/10/2009
(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)ROQUETTE FRERES
Address of Applicant :F-62136 Lestrem FRANCE
(72)**Name of Inventor :**
1)MENTINK Lon
2)TRIPIER Jacques

(57) Abstract :

The subject matter of the present invention is a thermoplastic or elastomeric composition, characterized in that: a) it exhibits a degree of biodegradability of less than 50%, preferably less than 30%, and b) it contains at least 0.5% and at most 99.95% by weight of an ester of a starchy material, which has a degree of ester substitution (DS) of between 1.6 and 3, and at least 0.05% by weight and at most 99.5% by weight of a polymer other than starch.

No. of Pages : 57 No. of Claims : 26

(54) Title of the invention : GEAR MECHANISM, PARTICULARLY PLANET GEAR WITH A FLANGE AND A RING GEAR

(51) International classification

:B25C

(31) Priority Document No

:10 2009

(32) Priority Date

017 014.6

(33) Name of priority country

:14/04/2009

(86) International Application No

:Germany

Filing 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 :

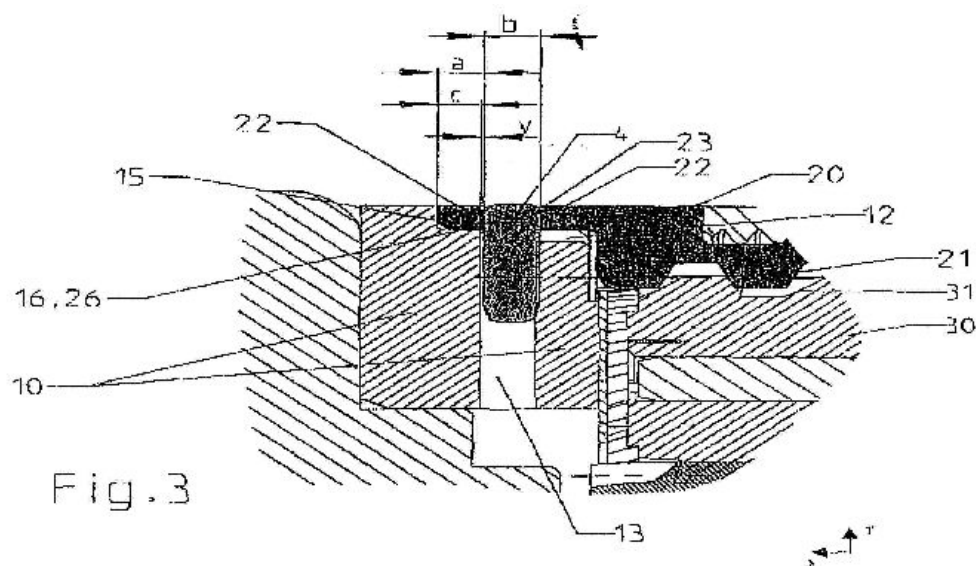
1)IMS GEAR GMBHAddress of Applicant :HEINRICH-HERTZ-STRASSE 16,
78166 DONAUSCHINGEN GERMANY.

(72)Name of Inventor :

1)RIESTER THOMAS**2)POYRAZ ERKAN**

(57) Abstract :

Gear mechanism, Particularly Planet Gear with a Flange and a Ring gear The invention relates to a gear mechanism (5) with at least a flange (10, 10) for the adaptation of the gear mechanism (5) to a drive component and with at least one ring gear (20, 20), which is firmly connected on the gear side to the flange (10, 10). It is advantageous to use a connection where the flange (10, 10) presents at least a radial flange bore (13), the ring gear (20, 20) presents at least a radial ring gear bore (23), and a pin (4) is led through a pair consisting of such a radial flange bore (13) and such a radial ring gear bore (23), and in the process the flange (10, 10) and the ring gear (20, 20) are braced firmly against each other. In particular, the flange bore (13) and the ring gear bore (23) are arranged with at least partial overlap in the axial direction and simultaneously partial mutual offset by an offset difference (v).Figure 3



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2487/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :03/12/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ISOCYANATES IN THE GAS PHASE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:10 2008	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	063 728.9	Address of Applicant :51368 LEVERKUSEN, GERMANY
(33) Name of priority country	:18/12/2008	(72)Name of Inventor :
(86) International Application No	:Germany	1)RAINER BRUNS
Filing Date	:NA	2)FRITZ POHL
(87) International Publication No	:NA	3)FRIEDHEIM STEFFENS
(61) Patent of Addition to Application Number	:NA	4)VOLKER MICHELE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Primary isocyanates are produced by reacting the corresponding primary amine(s) with phosgene at a temperature above the boiling temperature of the amine(s) in a tube reactor with a reaction space. In this tube reactor, at least one educt stream P containing phosgene and at least one educt stream A containing the amine(s) are fed to the reaction space via a nozzle arrangement. The nozzle arrangement includes a number of $n \geq 1$ nozzles aligned parallel to the axis of rotation of the tube reactor and a free space surrounding the nozzles. One of the educt streams A or P is fed to the reaction space via the nozzles and the other educt stream is fed to the reaction space via the free space surrounding the nozzles. The reaction space contains at least one moving mixing device.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.255/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :03/02/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : INSTRUMENT PANEL

(51) International classification	:B27N
(31) Priority Document No	:2010-026496
(32) Priority Date	:09/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300 Takatsuka-cho Minami-ku
Hamamatsu-shi Shizuoka-ken Japan
(72)**Name of Inventor :**
1)Akinori ISHIKAWA

(57) Abstract :

An instrument panel includes an instrument panel body 2 and audio equipment 12 detachably attached to a center portion, in a vehicle width direction, of the instrument panel body. The audio equipment is fixed to the instrument panel body 2 only by fastening portions 17F1 and 17F2 provided to an upper end portion thereof, and the fastening portions 17F1 and 17F2 are covered from above with a tray 9 detachably attached to the instrument panel body 2.

No. of Pages : 33 No. of Claims : 6

(54) Title of the invention : ENERGY-DISSIPATING ELEMENT AND SHOCK ABSORBER COMPRISING AN ENERGY-DISSIPATING ELEMENT

(51) International classification	:B63B	(71)Name of Applicant :
(31) Priority Document No	:EP 09 155	1)VOITH PATENT GMBH
(32) Priority Date	:732.2	Address of Applicant :SANKT POLTENER STRAE 43, DE-
(33) Name of priority country	:20/03/2009	89522 HEIDENHEIM, Germany
(86) International Application No	:EUROPEAN	(72)Name of Inventor :
Filing Date	:NA	1)BEIKA, UWE
(87) International Publication No	:NA	2)DROBEK, STEFFEN
(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 energy-dissipating element (1) in the form of a hollow body extending in the longitudinal direction (L), wherein the energy-dissipating element (1) comprises a wall (2) forming the peripheral surface of the hollow body, and wherein the energy-dissipating element (1) is designed to respond upon the exceeding of a critical impact force applied to a front end of said energy-dissipating element (1) and to convert at least a portion of the impact energy ensuing from the transfer of the impact force through the energy-dissipating element (1) into the energy and heat of deformation by plastic deformation. With the objective that the remaining block length be as small as possible in the space available and that the energy-dissipating element (1) will thereby enable sufficiently high energy dissipation in the longitudinal direction (L) with a defined response of said energy-dissipating element (1) as well as with a predictable sequence of events during the absorbing of energy, the energy-dissipating element (1) according to the invention comprises at least one deformation element (3, 3.1 to 3.n) formed from a profile, a hollow profile in particular, and extending along the longitudinal axis (L) of the hollow body which forms the wall (2) of said energy-dissipating element (1).

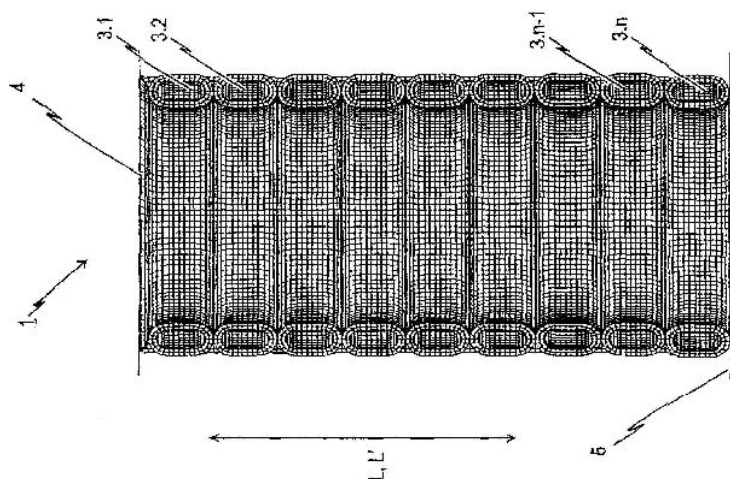


Fig. 10a

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

(54) Title of the invention : DIMMER PROTECTION

(51) International classification :B29D
 (31) Priority Document No :0902130.4
 (32) Priority Date :09/02/2009
 (33) Name of priority country :U.K.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NOVAR ED & S LIMITED

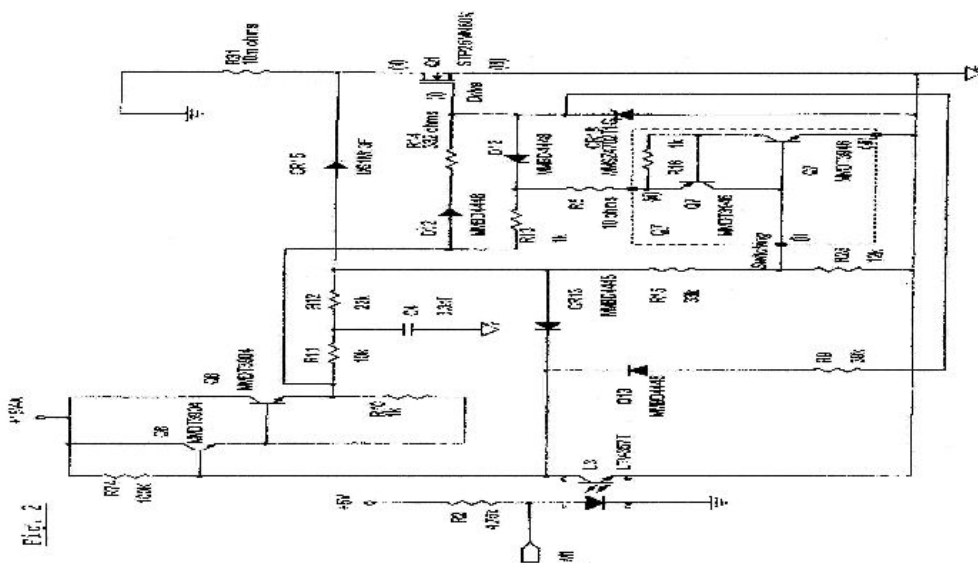
Address of Applicant :HONEYWELL HOUSE, ARLINGTON
 BUSINESS PARK, BRACKNELL, BERKSHIRE RG12 1EB,
 UNITED KINGDOM

(72)Name of Inventor :

1)KANTHIMATHINA THAN T

(57) Abstract :

A lighting installation comprises (a) a lighting load, powered by an AC power supply, said AC power supply having a cycle having a period; and (b) a dimmer comprising a first semiconductor switch operable by the action of a switching voltage to switch a current to the load on and off. In normal operation, the switch repeatedly switches the current on and switches the current off. The average power delivered to the load is altered by altering the switching on or the switching off so that the current is on for a longer or shorter portion of the period. A method of protecting the dimmer comprises monitoring the current and, when the current exceeds a threshold value, altering the switching voltage to cause the first semiconductor switch to switch off the current.



No. of Pages : 26 No. of Claims : 14

(54) Title of the invention : AN ENVIRONMENTAL CONDITIONING SYSTEM

(51) International classification :B21D
 (31) Priority Document No :0902129.6
 (32) Priority Date :09/02/2009
 (33) Name of priority country :U.K.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NOVAR ED&S LIMITED

Address of Applicant :HONEYWELL HOUSE, ARLINGTON
 BUSINESS PARK, BRACKNELL, BERKSHIRE RG12 1EB,
 UNITED KINGDOM

(72)Name of Inventor :

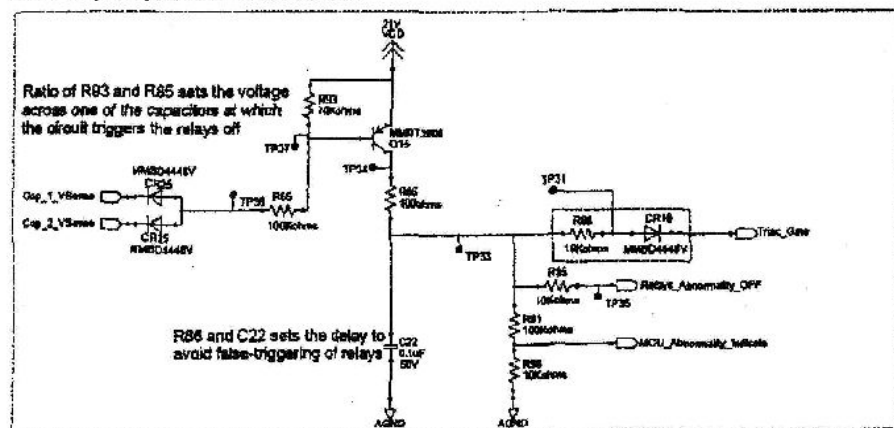
1)KANTHIMATHINATHAN**THIRUGNANASAMBANDHAM****2)VIGNESH ESWARA PRASAD****3)BALAJI ARCOT SUNDARAVADIVELU**

(57) Abstract :

A control apparatus for an environmental conditioning system comprises: a relay and a first semiconductor switch, arranged in series between an AC supply and a load; and a control device comprising control electronics. The control device includes a plurality of electrolytic capacitors arranged in parallel with each other, the capacitors being arranged to store energy when the mains power is supplied to the control device and arranged to supply the energy to the control electronics when the mains power is supplied to the load. The control electronics may for example be arranged to detect shorting of one or more of the capacitors, and may comprise a relay control arranged to operate the relay to switch off power to the load if shorting of one or more of the capacitors is detected. The control device further includes a voltage sensor arranged to sense voltage across the capacitors and a second semiconductor switch arranged to short-circuit the first semiconductor switch and the capacitors if the voltage across the capacitors exceeds a predetermined bypass threshold.

Fig. 7

Turn-off relays if any one of C17 or C18 fails short



No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/02/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : SCREEN PRINTING METHOD

(51) International classification :B25C
(31) Priority Document No :2009-028072
(32) Priority Date :10/02/2009
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Shin-Etsu Chemical Co. Ltd.
Address of Applicant :6-1 Otemachi 2-chome Chiyoda-ku
Tokyo Japan
(72)Name of Inventor :
1)Ryo MITTA
2)Hiroyuki OTSUKA
3)Ikuo SAKAI
4)Kenji ABE
5)Naoki ISHIKAWA

(57) Abstract :

The invention provides a method for improving accuracy during a plurality of screen printing steps. After a first layer and an alignment mark are printed on a workpiece, the alignment mark is imaged by a camera so that the alignment mark is stored as image data in an image processing device adapted to deliver reference data for subsequent printing and the image data is used to renew the reference data in the image processing device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.265/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/02/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : RADIATION PATTERN INSULATOR AND MULTIPLE ANTENNAE SYSTEM THEREOF AND COMMUNICATION DEVICE USING THE MULTIPLE ANTENNAE SYSTEM

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:98116864	1)Industrial Technology Research Institute
(32) Priority Date	:21/05/2009	Address of Applicant :No. 195 Sec. 4 Chung Hsing Rd.
(33) Name of priority country	:Taiwan	Chutung Hsinchu 31040 Taiwan
(86) International Application No	:NA	2)National Sun Yat-sen University
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Wu Chun-Yih
(61) Patent of Addition to Application Number	:NA	2)Lin Hung-Hsuan
Filing Date	:NA	3)Lin Ken-Huang
(62) Divisional to Application Number	:NA	4)Su Hsin-Lung
Filing Date	:NA	5)Hsu Chih-Chun

(57) Abstract :

A radiation pattern insulator and an antennae system thereof are proposed. The radiation pattern insulator includes a dielectric substrate and a plurality of radiation pattern insulation elements. The dielectric substrate allocated between a plurality of antennae includes a top surface and a bottom surface, and a normal direction of the dielectric substrate is substantially perpendicular to propagation directions of electromagnetic waves radiated from the antennae. In addition, the radiation pattern insulation elements are allocated on the top surface or the bottom surface of the dielectric substrate, or alternatively, all allocated on the top surface and the bottom surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2709/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : STACKED PLATE HEAT EXCHANGER

(51) International classification	:B24D
(31) Priority Document No	:200910252841.0
(32) Priority Date	:04/12/2009
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CATERPILLAR INC.
Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
ILLINOIS 61629, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)LIU, GENGXIN
2)LI, GUOCHAO
3)GU, XIAOXIONG

(57) Abstract :

A stacked plate heat exchanger comprises a plurality of stacked manifolds. Each manifold has a pair of elongated flat plates arranged one above the other at a spacing. A peripheral wall is positioned between the pair of flat plates and interconnects the peripheral edges of the pair of flat plates. Each of the plates has two end portions and a through hole is formed in each end portion. The plurality of stacked manifolds is aligned along a first and second axis extending through the hole in the each end portion. Wherein the peripheral wall includes spacers positioned partially around each hole at each end portion and first side bars positioned along each side edge of the pair of elongated flat plates. A first fluid flow path for a first fluid extends into the plurality of stacked manifolds along the first axis and out of the plurality of stacked manifolds along the second axis. A plurality of second fluid flow paths for a second fluid extend between adjacent manifolds and in fluid isolation from and thermal contact with the first fluid flow path.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.326/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :09/02/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SUPPORTING STRUCTURE FOR PARCEL SHELF

(51) International classification

:B60D

(31) Priority Document No

:2010-

029577

(32) Priority Date

:13/02/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300 Takatsuka-cho Minami-ku
Hamamatsu-shi Shizuoka-ken Japan

(72)Name of Inventor :

1)Shinichiro MATSUMOTO

(57) Abstract :

A supporting structure for parcel shelf includes: a lateral shaft 15 provided to any one of an interior member forming a side surface of a luggage compartment and a side portion of a parcel shelf 5; and a bearing 25 which is provided to the other one and to which the lateral shaft is fitted rotatably relative to the bearing 25. The parcel shelf 5 is swingable to be changed between an upright state and a laying down state. An engaging protrusion 17 is formed in one of an outer circumferential portion of the lateral shaft and an inner circumferential portion of the bearing 25, and is elastically engaged with the other circumferential portion to maintain the parcel shelf 5 in the upright state.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.332/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :10/02/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : FIRE EXTINGUISHER MOUNTING STRUCTURE

(51) International classification

:B60D

(31) Priority Document No

:2010-

035483

(32) Priority Date

:21/02/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300 Takatsuka-cho Minami-ku
Hamamatsu-shi Shizuoka-ken Japan

(72)Name of Inventor :

1)Kiyotaka HIRANO

(57) Abstract :

A fire extinguisher mounting structure allows each passenger in a vehicle to instantly remove a fire extinguisher from a floor, and moreover, the costs for the fire extinguishers can be reduced and the interior of vehicle compartment can be made more spacious. In the fire extinguisher mounting structure in which the fire extinguisher 10 is detachably mounted on a vehicle floor 4 via a holding mechanism 47, the holding mechanism 47 is a mechanism in which the holding is released merely by raising the fire extinguisher 10; a stopper 30 for inhibiting the movement of the fire extinguisher 10 to the vehicle front side Fr at the time of automobile collision is provided on the floor 4;.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.333/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :10/02/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SYSTEM AND APPARATUS FOR ELECTRONIC COMMERCE USING SECURE BIOMETRICALLY DERIVED TOKENS

(51) International classification

:G04G

(31) Priority Document No

:61303086

(32) Priority Date

:10/02/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SECURICS

Address of Applicant :1867 Austin Bluffs Parkway #200
Colorado Springs Colorado CO U.S.A.

**2)THE REGENTS OF THE UNIVERSITY OF
COLORADO**

(72)Name of Inventor :

1)Dr. Walter J. Scheirer

2)Dr. Terrance E. Boulton

(57) Abstract :

The present invention provide the means for secure and biometrically verifiable electronic commerce, through the use of a Biometric Key Infrastructure supporting any secure biometric tokens that can provide the means for securely embedding a key or data within themselves. Said means includes a method to manage biotokens, a protocol for biotoken delivery and biometric matching, and the protocols required for the commerce itself. Biometrics for electronic commerce ensures identity in transactions and provides strong non-repudiation for transaction auditing. The unique biotokens release a session key for each transaction and is not susceptible to replay or Man-in-the-Middle attacks. The money transfer protocols encompass several scenarios including basic money transfer, bill payment, money pickup at an authorized 3rdparty, authorizing funds for shopping at a particular participating merchant, and authorizing funds for shopping at any participating merchant. It also provided a method for securing more general physical transactions using verified identity tokens.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CELLULOSIC PRODUCT

(51) International classification	:C08B
(31) Priority Document No	:08158391.6
(32) Priority Date	:17/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/057322
Filing Date	:15/06/2009
(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)AKZO NOBEL N.V.
Address of Applicant :Velperweg 76 NL-6824 BM Arnhem
The Netherlands
(72)Name of Inventor :
1)HEIJNESSON-HULT N Anette Monica
2)SOLHAGE Fredrik
3)SANDSTR-M John

(57) Abstract :

The present invention relates to a process of producing a cellulosic product comprising (i) providing an aqueous suspension of cellulosic fibers, (ii) adding microfibrillar polysaccharide, (iii) adding thermoplastic microspheres, (iv) dewatering the suspension and forming a cellulosic product. The invention also relates to a process of producing a single layer cellulosic product comprising (i) providing an aqueous suspension of cellulosic fibers, (ii) adding microfibrillar polysaccharide derived from softwood and/or hardwood and optionally adding thermoplastic microspheres to the suspension, (iii) dewatering the suspension and forming a cellulosic product. The invention further relates to a cellulosic product obtainable from said processes. The invention also relates to a composition comprising microfibrillar polysaccharide and thermoplastic microspheres and the use thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.349/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :17/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : PLANETARY ROTARY ENGINE.

(51) International classification	:F02B 53/00
(31) Priority Document No	:61/132,141
(32) Priority Date	:16/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/047481
Filing Date	:16/06/2009
(87) International Publication No	:WO 2010/005713
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)PLANETARY ROTOR ENGINE COMPANY (P.R.E.C.)
Address of Applicant :421 SOUTH UNION STREET
BURLINGTON, VERMONT 05401, UNITED STATES OF AMERICA
(72)Name of Inventor :
1)RICHARD B. HATHAWAY
2)ALEX R. HATHAWAY SHIELDS
3)DAVID A. SCULTHORPE

(57) Abstract :

A planetary engine (40) includes a charge compression system for compressing a charge of air and/or an air and fuel mixture that is precompressed by rotation of the rotors (44) and supplied into a combustion chamber (46) through a rotary valve (50) that may be actively adjusted during operation of the engine to vary the intake valve opening size and/or timing. Exhaust valves may likewise be actively adjustable rotary valves for further engine control. A compression insert (48) mounted between the end wall assemblies (68,98) absorbs combustion forces and provides rigidity to the engine (40), as well as occupies all or nearly all of the volume between the rotors (44) at the minimum volume of the combustion chamber (46) to improve the compression ratio of the engine (40).

No. of Pages : 63 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3576/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/05/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : OBJECT HAVING A DUCTILE AND CORROSION RESISTANT SURFACE LAYER

(51) International classification	:B32B 15/01
(31) Priority Document No	:PA 2007 01652
(32) Priority Date	:21/11/2007
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2008/000414
Filing Date	:20/11/2008
(87) International Publication No	:WO 2009/065410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DANFOSS A/S

Address of Applicant :TANTALUM TECHNOLOGIES,
NORDBORGVEJ 81, DK-6430, NORDBORG, Denmark

(72)Name of Inventor :

1)BO, GILLESBERG

2)SOEREN, ERIKSEN

(57) Abstract :

This invention relates to an object having a corrosion resistant surface that is also sufficiently ductile to let the surface, or the whole object, be mechanically modified without creating cracks or other weaknesses undermining or damaging the corrosion resistance. The surface layer preferably contains at least 80% of a refractory metal, such as tantalum, and an alloy layer is created between a core element and the surface layer having the needed ductility and adhering abilities.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3577/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/05/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESSING SIGNALS IN A WIRELESS NETWORK

(51) International classification	:H04B 1/00
(31) Priority Document No	:0721427.3
(32) Priority Date	:31/10/2007
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2008/064472
Filing Date	:24/10/2008
(87) International Publication No	:WO 2009/056504
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ICERA INC.

Address of Applicant :CORPORATION TRUST CENTER,
1209 ORANGE STREET, WILMINGTON, NEW CASTLE,
DELAWARE, U.S.A.

(72)Name of Inventor :

1)LUSCHI, CARLO

2)ALLPRESS, STEVE

3)HUCKETT, SIMON

(57) Abstract :

A wireless receiver and corresponding method. The receiver comprises: reception means for receiving a signal over a channel in a wireless external environment; a processor configured to perform a plurality of signal processing functions for extracting processed data from the signal, each of the signal processing functions having a plurality of alternative software implementations requiring different levels of usage of a processing resource; and storage means for storing the alternative software implementations. The processor is configured to estimate at least one parameter relating to the external environment and, in dependence on the at least one parameter and on an availability of the processing resource, to select and execute one of the software alternatives for each of the respective signal processing functions so as to apply a set of implementations adapted to a required quality of the processed data.

No. of Pages : 34 No. of Claims : 12

(54) Title of the invention : WHEEL BEARING UNIT

(51) International classification :B60B 27/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2008/006173
 Filing Date :26/07/2008
 (87) International Publication No :WO 2010/012283
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

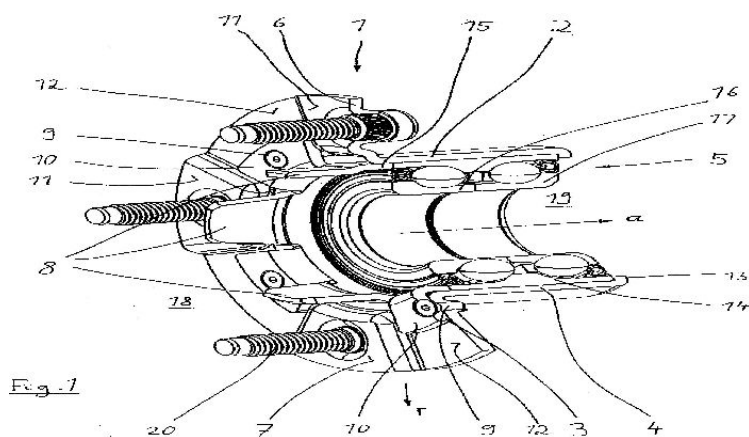
1)AB SKFAddress of Applicant :HORNSGATAN 1, S-415 50
GOTHENBURG SWEDEN

(72)Name of Inventor :

1)JACOBUS ZWARTS**2)CORNELIUS PETRUS ANTONIUS VISSERS****3)LAURENS VERHULST****4)HENDRIKUS JAN KAPAAN**

(57) Abstract :

The invention relates to a wheel bearing unit (1) for a vehicle wheel, comprising a hub element (2, 3) which has a axially (a) extending cylindrical section (4) to be supported by a bearing arrangement (5) and which has a radially (r) extending flange section (6) for fixing the vehicle wheel and/or a brake disk at a face side (7) of the flange section (6). To ensure a simple design with high stability the Invention is characterized in that the hub element (2, 3) consists of a first part (2) comprising the cylindrical section (4) and the flange section (6) and of a second part (3), wherein the second part (3) has means (8) for centering a wheel rim of the vehicle wheel and/or the brake disk and wherein the first part (2) and the second part (3) are connected by connection means (9).



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

(54) Title of the invention : METHOD AND MOBILE DEVICE FOR LOCATING A SUITABLE BOARDING ZONE ON A TRAIN PLATFORM

(51) International classification :G01C 21/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2008/006470

Filing Date :06/08/2008

(87) International Publication No :WO 2010/015265

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO. KG

Address of Applicant :HOFMANNSTR. 51, 81379

MUNCHEN, GERMANY

(72)Name of Inventor :

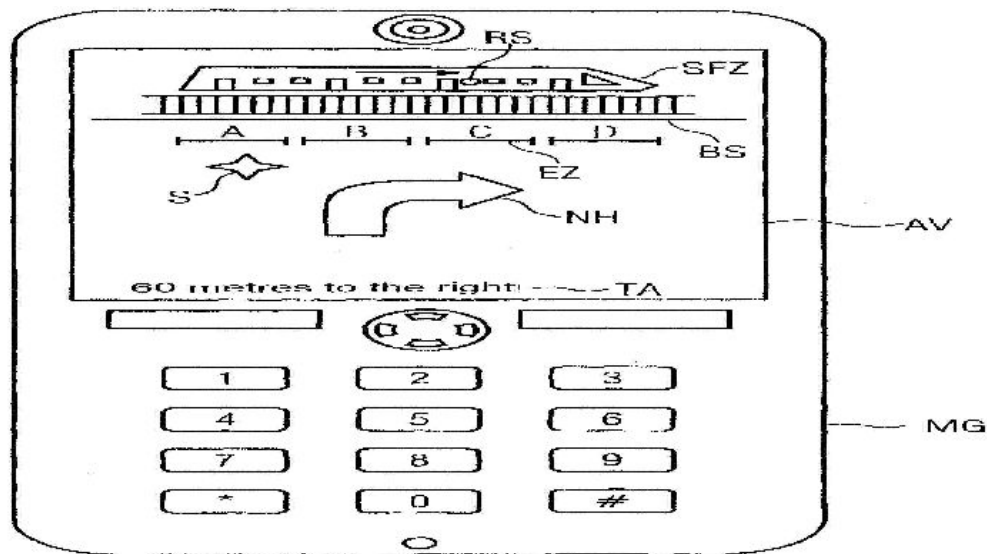
1)BOZIO NEK, BRUNO

2)HANNA, THOMAS

3)KUNTE, KLAUS-JOSEF

(57) Abstract :

The invention relates to a method and a mobile device for locating a suitable boarding zone from a plurality of boarding zones for a railway vehicle on a train platform, wherein a seat in the railway vehicle is reserved for a user, and wherein the reserved seat is associated with at least one suitable boarding zone. A local service for outputting navigation instructions is thereby set up on the user's mobile device, wherein the mobile device is repeatedly localized in the region of the train platform, wherein a suitable boarding zone is determined by a central service from the position of the mobile device and the intended or actual stopping position of a wagon of the railway vehicle having the reserved seat, and a navigation instruction is calculated for the user. Said instruction is transferred to the mobile device and output by the same.



No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.420/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : DRILLING PLATFORM

(51) International classification	:E02B 17/00
(31) Priority Document No	:2008903188
(32) Priority Date	:23/06/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/000792
Filing Date	:22/06/2009
(87) International Publication No	:WO 2009/155639
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PLUTON RESOURCES LTD
Address of Applicant :470 ST KILDA ROAD,
MELBOURNE, VICTORIA 3004, AUSTRALIA
(72)**Name of Inventor :**
1)REED, ALISTAIR ROSS

(57) Abstract :

A supporting structure for geological sample drilling equipment having a minimal environmental footprint is disclosed. The structure consists a platform on which drilling equipment can be positioned, and a plurality of legs extending from the platform to the ground. The legs are of variable length, which allows the platform to be set horizontally even on uneven ground. The platform includes a rotatable portion so that the drilling equipment can be easily rotated to a desired orientation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4201/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF A PROPYLENE POLYMER HAVING A BROAD MOLECULAR WEIGHT DISTRIBUTION AND A LOW ASH CONTENT

(51) International classification	:C08F 10/06
(31) Priority Document No	:07150038.3
(32) Priority Date	:14/12/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/067462
Filing Date	:12/12/2008
(87) International Publication No	:WO 2009/077467
(61) 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
Address of Applicant :ZONE INDUSTRIELLE C, B-7181
SENEFFE (FELUY) (BE) Belgium
(72)**Name of Inventor :**
1)STANDAERT, ALAIN
2)GROMADA, JEROME

(57) Abstract :

The present invention relates to a process for the production of propylene homo-and copolymers having a broad molecular weight distribution and low ash content, with 'ash' denoting aluminium as well as residues of catalyst, cocatalyst or any additive, such as titanium (Ti) or silicium (Si) derivatives, used in the production of propylene polymers. The propylene polymers of the present invention are useful to make films, such as capacitor films, as well as fibers and nonwovens, such as for example staple fibers, spunbond nonwovens, meltblown nonwovens.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4203/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : OPTIMIZED DIMENSIONAL RELATIONSHIP FOR AN ELECTROCHEMICAL CELL HAVING COILED CORE

(51) International classification	:H01M 4/64
(31) Priority Document No	:200720196395.2
(32) Priority Date	:25/12/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/073667
Filing Date	:24/12/2008
(87) International Publication No	:WO 2009/079961
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BYD COMPANY LIMITED

Address of Applicant :NO. 3001 HENGPING ROAD,
PINGSHAN, LONGGANG, SHENZHEN, GUANGDONG
518118, P. R. CHINA

(72)Name of Inventor :

1)LI, CHENGLIANG

2)JIANG, WENFENG

3)ZHOU, XIANKAI

4)WU, GUANGLIN

5)SHEN, XI

(57) Abstract :

An electrochemical storage cell having a coiled core is disclosed. The coiled core includes a cathode sheet, an anode sheet, and a separator sheet. An anode connector is connected with the anode sheet at a first end of the coiled core and a cathode connector is connected with the cathode sheet a second, opposite end of the coiled core. The coiled core has a length L_{core} and a width W_{core} and each connector has a width $W_{connector}$. The length of the coiled core L_{core} , width of the coiled core W_{cor} and width of each connector $W_{connector}$ have the relationship 0

No. of Pages : 94 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4239/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : POLYSACCHARIDE GEL COMPOSITIONS AND METHODS FOR SUSTAINED DELIVERY OF DRUGS

(51) International classification	:C08B 37/00
(31) Priority Document No	:60/991,524
(32) Priority Date	:30/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/084841
Filing Date	:26/11/2008
(87) International Publication No	:WO 2009/073508
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALLERGAN INC.
Address of Applicant :2525 DUPONT DRIVE, IRVINE, CA 92612, U.S.A.
(72)**Name of Inventor :**
1)AHMET TEZEL
2)MICHAEL R. ROBINSON

(57) Abstract :

Methods of producing a biocompatible polysaccharide gel composition having sustained release properties are disclosed. Also disclosed is a biocompatible polysaccharide gel composition having sustained release properties, a method of treating a disease or condition using the present biocompatible polysaccharide gel composition, and a method of controlling rate of release of at least one target solute from the biocompatible polysaccharide gel composition. Pharmaceutical compositions which include the present biocompatible polysaccharide gel composition also are disclosed.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :19/01/2011

(43) Publication Date : 10/02/2012

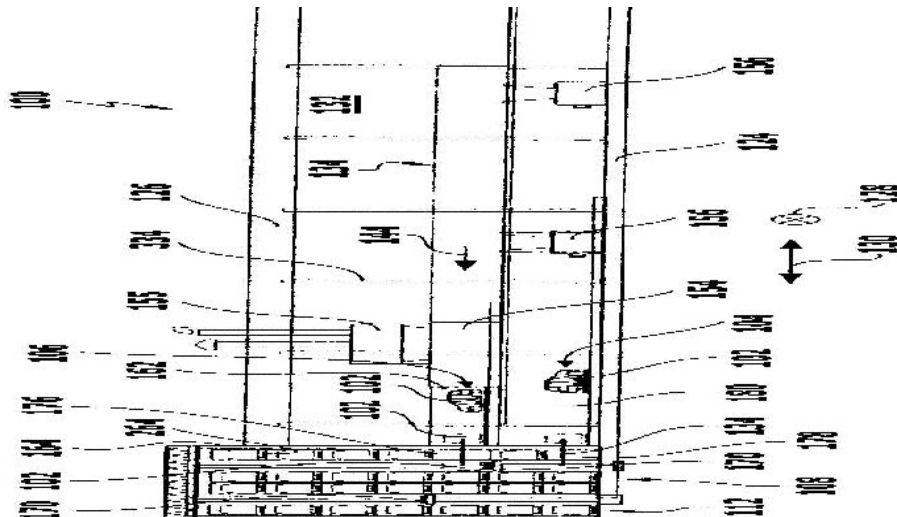
(54) Title of the invention : PAINT SHOP FOR PAINTING OBJECTS TO BE PAINTED

(51) International classification :B05B 13/02
(31) Priority Document No :10 2008 036 321.9
(32) Priority Date :29/07/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/059104
Filing Date :15/07/2009
(87) International Publication No :WO 2010/012600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DURR SYSTEMS GMBH
Address of Applicant :CARL-BENZ-STRASSE 34, 74321
BIETIGHEIM-BISSINGEN, GERMANY
(72)Name of Inventor :
1)SCHAEFER, WOLF-HASSO

(57) Abstract :

To provide a paint shop (100) for painting objects to be painted in the form of vehicle bodies (102) and/or parts of vehicle bodies, there is proposed a paint shop for painting objects to be painted in the form of vehicle bodies and/or parts of vehicle bodies which comprises the following: a building shell (116), which encloses a building interior (132), in which are arranged at least one dip tank (140,148) and at least one open treatment area (188, 190, 192, 304, 310), which is open in relation to the building interior, a first transport level (104), on which objects to be painted can be transported through at least one open treatment area; a second transport level (106), from which objects to be painted can be dipped into at least one dip tank; and at least one intermediate storage unit (107), wherein at least one object to be painted can be transported from one transport level (104, 106) of the paint shop into the intermediate storage unit and later can be transported out of the intermediate storage unit into another transport level (106, 104) of the paint shop.



No. of Pages : 45 No. of Claims : 15

(54) Title of the invention : RADIAL POWER AMPLIFICATION DEVICE WITH PHASE DISPERSION COMPENSATION OF THE AMPLIFICATION PATHS

(51) International classification :H01P 5/12
 (31) Priority Document No :07/08848
 (32) Priority Date :18/12/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2008/067546
 Filing Date :15/12/2008
 (87) International Publication No :WO 2009/077501
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THALES

Address of Applicant :45, RUE DE VILLIERS, F-92200
 NEUILLY-SUR-SEINE, FRANCE

(72)Name of Inventor :

1)JEAN-PHILIPPE FRAYSSE

2)JEAN-MICHEL DENOAL

3)ALAIN PEDEN

(57) Abstract :

A radial power combination system comprising: ■ a radial divider (10) comprising ports in the form of rectangular waveguides (16) on the periphery; ■ a radial combiner (10') superposed on the radial divider, comprising ports in the form of rectangular waveguides (16') on the periphery; ■ a-first, input transition (11) transmitting a first signal to the center of the radial divider; ■ a second, output transition (11') capturing the first signal amplified to the output of the radial combiner (10'); ■ at least two amplifying channels (15) comprising: o a third, input transition (22) capable of interacting with the guides (16); o a fourth, output transition (23) capable of interacting with the guides (16') and; o at least one amplifier (24). The system according to the invention comprises means for adjusting the positioning of the amplifying channels, thus making it possible to adjust the phase shift of the various channels.

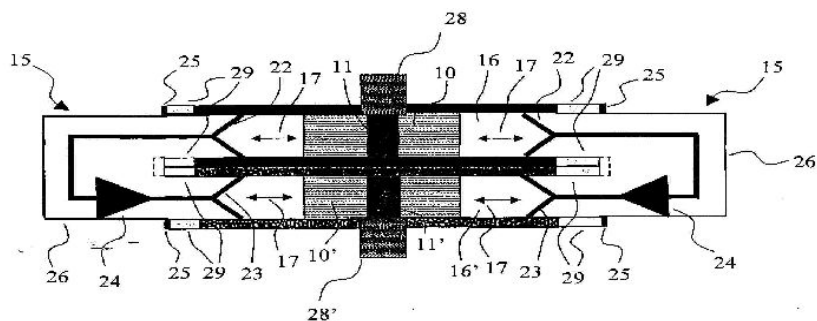


FIG.3B

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4241/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : RUBBER COMPOSITION IN PARTICULAR FOR THE MANUFACTURE OF TYRES

(51) International classification	:B60C 1/00
(31) Priority Document No	:0759916
(32) Priority Date	:18/12/2007
(33) Name of priority country	:France
(86) International Application No	:PCT/EP08/067665
Filing Date	:16/12/2008
(87) International Publication No	:WO 2009/077541
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1) SOCIETE DE TECHNOLOGIE MICHELIN
Address of Applicant :23 RUE BRESCHET, 63000
CLERMONT-FERRAND, FRANCE
2) MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72) **Name of Inventor :**
1) AURELIE JOSEPH
2) ALINE RIOU

(57) Abstract :

The invention relates to a rubber composition, in particular intended for the manufacture of tyres, based on at least a predominant elastomer, chosen from the group consisting of butyl rubbers, essentially unsaturated thene elastomers, essentially saturated thene elastomers and the mixtures of these elastomers, and a reinforcing filler, characterized in that the composition also comprises graphite and a functionalized or nonfunctionalized polyisobutylene oil, having a molecular weight of between 200 g/mol and 40 000 g/mol, present in a proportion of between 2 and 50 ph.

No. of Pages : 32 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4242/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELECTROCHEMICAL STORAGE CELL

(51) International classification	:H01M 4/64
(31) Priority Document No	:200720196395.2
(32) Priority Date	:25/12/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/073678
Filing Date	:24/12/2008
(87) International Publication No	:WO 2009/079964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BYD COMPANY LIMITED

Address of Applicant :NO.3001 HENGPING ROAD,
PINGSHAN, LONGGANG, SHENZHEN, GUANGDONG
518118, P.R.CHINA

(72)Name of Inventor :

1)HAN, LEI

2)GU, HONGJUAN

3)ZHENG, WEIXIN

4)SHEN, XI

(57) Abstract :

An electrochemical storage cell is disclosed that comprises a cathode sheet, an anode sheet, and a separator sheet between the cathode and anode sheets. A metal foil current collector extends from a longitudinal edge of the cathode sheet. A further metal foil current collector extends from a longitudinal edge of the anode sheet. The anode sheet, cathode sheet, and separator sheet are wound in a flattened coil shape to produce a core in which the metal foil current collector of the cathode sheet extends beyond the separator sheet at one end of the core and the metal current collector of the anode sheet extends beyond the separator sheet at an opposite end of the core. Overlying layers of the metal foil current collector of the cathode sheet are compressed together and placed in electrical communication with a positive terminal of the cell while overlying layers of the metal foil current collector of the anode sheet are compressed together and placed in electrical communication with a negative terminal of the cell.

No. of Pages : 92 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4243/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONSTRUCTION OF ELECTROCHEMICAL STORAGE CELL

(51) International classification	:H01M 2/08
(31) Priority Document No	:200720196395.2
(32) Priority Date	:25/12/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/073692
Filing Date	:24/12/2008
(87) International Publication No	:WO 2009/082958
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BYD COMPANY LIMITED

Address of Applicant :NO.3001 HENGPING ROAD,
PINGSHAN, LONGGANG, SHENZHEN, GUANGDONG
518118, P.R.CHINA

(72)Name of Inventor :

1)ZHENG, WEIXIN

2)JIANG, LUXIA

3)ZHU, JIANHUA

4)SHEN, XI

(57) Abstract :

An electrochemical storage cell (300) comprises a core and a rectangular sheet (305) that receives the core (200) snugly therein. The rectangular sheet (305) has first and second open ends. A first end cap (335) is used to close the first open end. An anode terminal extends through the first end cap (335) from an interior portion of the electrochemical storage cell (305) to an external portion thereof. A first gasket (1405) is secured within the rectangular sheet (305) between the first end cap (335) and the core (200) to resiliently hold the core (200) away from the first end cap (335). A second end cap is used to close the second open end. A cathode terminal extends through the second end cap from an interior portion of the electrochemical storage cell to an external portion thereof. A second gasket is secured within the rectangular shell between the second end cap and the core to resiliently hold the core away from the second end cap.

No. of Pages : 91 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4244/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :14/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A MINIATURISED PROJECTION DEVICE USING AN LED ARRAY AND DICHROIC WEDGE

(51) International classification	:G02B 27/18
(31) Priority Document No	:2007906553
(32) Priority Date	:03/12/2007
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2008/001784
Filing Date	:03/12/2008
(87) International Publication No	:WO 2009/070832
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)DIGISLIDE HOLDINGS LIMITED
Address of Applicant :100-102 CAVAN ROAD, DRY CREEK, SOUTH AUSTRALIA 5094, AUSTRALIA
(72)Name of Inventor :
1)RUBINSHTEIN, PETER
2)JUNG, DANNY

(57) Abstract :

The present invention relates to an image projection device having a linear array of LED's in a common substrate, a common lens group to collimate light from each LED, and a single dichroic wedge having dichroic coatings for reflecting each light source to a condensing means which condenses the light to a distal surface. The image projection device therefore provides for a smaller optical package which is more easily accommodated in mobile devices such as mobile telephones, and which is simple and cheap to manufacture.

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

(54) Title of the invention : PROCESS FOR PROVIDING EMERGENCY HOUSING FOR A PLURALITY OF DISPLACED PEOPLE

(51) International classification :G06Q 90/00
 (31) Priority Document No :2008900192
 (32) Priority Date :15/01/2008
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2009/000044
 Filing Date :15/01/2009
 (87) International Publication No :WO 2009/089584
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)DESIGN AND VALUE MANAGEMENT SERVICES PTY LTD

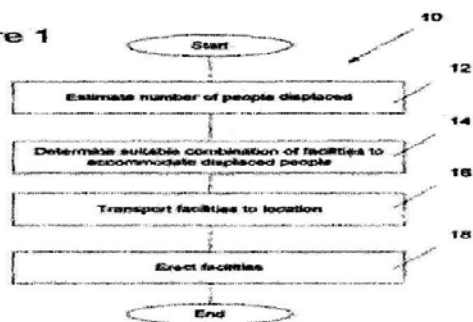
Address of Applicant :6 FRIENDSHIP CLOSE,
 CRANBOURNE, VICTORIA 3977, AUSTRALIA

(72)Name of Inventor :
1)MCDOUGALL, NEIL, CLYDE

(57) Abstract :

A process for providing emergency housing for a plurality of displaced people at a geographic location, said process including the steps of estimating the number of displaced people; determining a suitable combination of facilities to accommodate the displaced people; and transporting said facilities to said geographical location, wherein said suitable combination varies in accordance with the number of displaced people. Also disclosed is a dwelling for emergency housing for displaced people, including a base structure, a plurality of walls coupled to the base structure; and a roof structure coupled to the walls. Also disclosed is a base support structure for a dwelling, including a plurality of base support panels coupled together by fasteners; a plurality of base support jacks for supporting the base support members over a floor or ground surface; a plurality of edge supports that define a raised perimeter around the base support panels; plurality of floor supports coupled to and extending upwardly from a planar surface of the base support panels; and a plurality of floor panels coupled to the edge supports and the supports. Also disclosed is a roof structure for a dwelling having a plurality of walls extending upwardly from a base structure, including one or more roof panels; and a ridge member, wherein the roof panels are rotatably couplable to the ridge member and slidably couplable to the walls so that the roof panels rotate with respect to the ridge member and translate with respect to the walls in accordance with changes in pitch of the roof structure. Also disclosed is a bladder for a base support structure of a dwelling, including a plurality of apertures extending there through, the apertures being shaped to receive respective ones of floor support structures extending through the bladder.

Figure 1



No. of Pages : 58 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4626/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS TO PREPARE ZIRCONIUM-BASED CROSS-LINKER COMPOSITIONS AND THEIR USE IN OIL FIELD APPLICATIONS

(51) International classification	:C09K 8/68
(31) Priority Document No	:12/002,665
(32) Priority Date	:18/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/087092
Filing Date	:17/12/2008
(87) International Publication No	:WO 2009/079535
(61) 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)PUTZIG, DONALD, E.

(57) Abstract :

A process to prepare a solution of zirconium-alkanolamine-hydroxycarboxylic acid complex is disclosed and use of the solution in oil field applications such as hydraulic fracturing and plugging of permeable zones. The process comprises contacting an alcohol solution of a zirconium complex with an alkanolamine, then with an a-hydroxycarboxylic acid to produce a solution of zirconium-alkanolamine-hydroxycarboxylic acid complex. The solution is particularly suitable for use in a cross-linking composition in hydraulic fracturing and plugging of permeable zones of subterranean formations at temperatures of 275°F (135°C) and higher in the formation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4639/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : Muffler Gasket and Muffler Joint

(51) International classification	:B60D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/005219
Filing Date	:07/10/2009
(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)Hamamatsu Gasket Corporation
Address of Applicant :5042-1772 Hirakuchi Hamakita-ku
Hamamatsu-shi Shizuoka 4340041 Japan
(72)**Name of Inventor :**
1)SAKAI Yaichi

(57) Abstract :

Provided are a gasket for a muffler, having mechanical strength and sealing ability which do not degrade even if the gasket is used for a long period of time in a use environment subjected to a frequent occurrence of vibration, and a muffler joint. A gasket (1) for a muffler is provided with a metallic mesh material (3) expanded in a flat plane, and also with a band-like seal material (5) layered on the metallic mesh material (3) so as to overlap with the metallic mesh material (3) in a part of the range of the metallic mesh material in the longitudinal direction (Y) thereof. The metallic mesh material (3) and the seal material (5) are compressed in the axis direction (G) in a state in which the metallic mesh material (3) and the seal material (5) are rolled in the width direction (X). By this, the gasket (1) is formed in a state in which the gasket (1) is split in the axis direction (G) into a hard layer (7) consisting only of the metallic mesh material (3) and a soft layer (9) consisting of the metallic mesh material (3) and the seal material (5). A metallic mesh material (3A) applied to a superposed section (11) at which the metallic mesh material (3) overlaps with the seal material (5) is formed so as to have a lower density than a metallic mesh material (3B) not included in the superposed section (11).

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

(54) Title of the invention : LASER POINTING SYSTEM

(51) International classification :G02B 5/08
 (31) Priority Document No :0708842
 (32) Priority Date :18/12/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2008/066926
 Filing Date :05/12/2008
 (87) International Publication No :WO 2009/077360
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THALESAddress of Applicant :45, RUE DE VILLIERS, F-92200
NEUILLY-SUR-SEINE, FRANCE

(72)Name of Inventor :

1)FRANCOIS-XA VIER DOITTAU**2)JEAN-PUL POCHOLLE**

(57) Abstract :

The Invention relates to a system for pointing a laser beam, characterized in that it comprises: - at least one processing laser source (S1) for emitting a processing laser beam (FS1, FS2) toward a target (C1), said processing beam (FS1) being transmitted through a nonreflective zone (z1) of a first mirror (M1), said mirror (M1) allowing- return to an imaging system (CA) receiving an illumination beam (FR2) reflected by the target, said low reflection coefficient zone (z1) of the first mirror (M1) inducing a shadow zone (ZA) toward the imaging system (CA); - a second mirror (M2) receiving said processing beam and intended to orient it and reflect it toward the target; - an illumination source (E1) for illuminating said target with the aid of the illumination beam (FE1), - a first control circuit (CC) for controlling the orientation of said pointing system toward the target, - a second control circuit (CT) for angularly displacing the processing beam (FS1) by a determined angle, measuring the distance (D2) separating the position of a zone (P1) of the target from the position of the spot of the processing beam on the basis of an image obtained by the imaging system, then displacing the illumination beam in the opposite sense by an angle corresponding to said measured distance (D2), the angular displacement of the processing beam having an amplitude such that the measurement of the position of the target is not perturbed by the shadow zone.

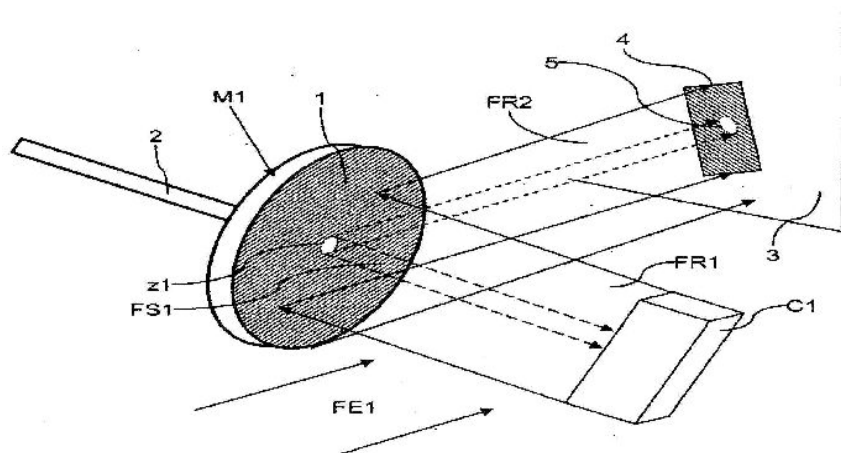


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :20/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CROSS-FLOW FILTRATION APPARATUS WITH BIOCIDAL FEED SPACER

(51) International classification :B01D 63/10

(31) Priority Document No :61/074,257

(32) Priority Date :20/06/2008

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

(86) International Application No :PCT/US2009/003679

Filing Date :19/06/2009

(87) International Publication No :WO 2009/154784

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HYDRANAUTICS

Address of Applicant :401 JONES ROAD, OCEANSIDE, CA
92058, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)IRVING SHELBY

2)GRAIG ROGER BARTELS

(57) Abstract :

A cross-flow filtration apparatus is provided. The cross-flow filter is a spiral wound filter that includes a semi-permeable membrane wrapped around a perforated central tube. The semipermeable membrane includes a feed spacer and a membrane. The feed spacer is a biocidal feed spacer with a biocidal agent impregnated within the feed spacer to prevent biofouling of the feed spacer and the membrane.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4683/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR INHIBITING CYTOCHROME P450 2D6

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:60/990, 868	1)SEQUOIA PHARMACEUTICALS INC.
(32) Priority Date	:28/11/2007	Address of Applicant :401 Professional Drive Gaithersburg
(33) Name of priority country	:U.S.A.	MD 20879 U.S.A.
(86) International Application No	:PCT/US2008/084492	(72)Name of Inventor :
Filing Date	:26/11/2008	1)EISSENSTAT Michael
(87) International Publication No	: NA	2)DUAN Dehui
(61) Patent of Addition to Application	:NA	3)KANG Ji-hye
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An arcuate nitinol splint (10, 40, 50) with a rounded cross-section has two ends facing each other and spaced from each other. The splint is advanced through the mouth into the esophagus by an introducer device. By means of the device the splint is implanted completely into the wall of the esophageal sphincter to strengthen the sphincter. Materials other than Nitinol may be used.

No. of Pages : 47 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4684/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : CYTOSTATIC COMPOSITION

(51) International classification	:A61K
(31) Priority Document No	:61/065,172
(32) Priority Date	:09/02/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/000225
Filing Date	:09/02/2009
(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)TISHKIN Sergey

Address of Applicant :Karmelitergasse 3 41844 Wegberg
GERMANY

2)LASKAVYJ Vladislav nikolaevich

(72)Name of Inventor :

1)TISHKIN Sergey

2)LASKAVYJ Vladislav nikolaevich

(57) Abstract :

A cytostatic composition comprising an effective amount of an aldehyde in a pharmacological salt solution is shown to be effective at inhibiting growth of a number of cancerous cell lines.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4685/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SCRUBBER FOR REMOVING HEAVY METALS FROM GASES

(51) International classification	:B60D	(71)Name of Applicant :
(31) Priority Document No	:60/996,731	1)YISSUM RESEARCH DEVELOPMENT COMPANY OF
(32) Priority Date	:03/12/2007	THE HEBREW UNIVERSITY OF JERUSALEM
(33) Name of priority country	:U.S.A.	Address of Applicant :Hi Tech ParkEdmond Safra Campus
(86) International Application No	:PCT/IL2008/001563	Givat Ram 39135 Jerusalem Israel
Filing Date	:02/12/2008	(72)Name of Inventor :
(87) International Publication No	: NA	1)SASSON Yoel
(61) Patent of Addition to Application	:NA	2)CHIDAMBARAM Mandan
Number	:NA	3)BARNEA Zach
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wet scrubber for absorbing a heavy metal from a gas stream, a liquor for said wet scrubber, and a power-plant comprising said wet scrubber are described. The wet scrubber has a liquor containing an oxidizer in ionic liquid. Optionally, the oxidizer has, in pure state, high vapor pressure, and in the ionic liquid, the oxidizer forms a complex that has a much lower vapor pressure. In a preferred embodiment, the liquor is substantially free of any ligand that binds to the metal to be absorbed by the liquor.

No. of Pages : 33 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4686/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/06/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : GAME PLAYING EQUIPMENT AND METHOD

(51) International classification	:B61G
(31) Priority Document No	:60/991,667
(32) Priority Date	:30/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/084304
Filing Date	:21/11/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)LEET CORPORATION
Address of Applicant :2029 Century Park E #430 Los Angeles California 90067 United States of America
2)MAKI-PETAJA Jaakko
3)SIMOLA Keni
(72)Name of Inventor :
1)MAKI-PETAJA Jaakko
2)SIMOLA Keni

(57) Abstract :

Embodiments of the present invention described herein relate to sport game play procedures and rules, game arenas and/or equipment used for sports games. The game play method includes a face off procedure to begin a game by placing a ball between the shoulder blades of two players, each from an opposing team, and allowing each player to contest for the ball once signaled. The game play stick can be formed using a hollow tubular handle (12) with a bottom (14) and a top end (13) the handle can be coupled to a base (100) on the bottom end, and the top end of the handle can be connected to a ball receiving region (16).

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4732/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : WATER WALKING STAGE SYSTEM AND CONTROL METHOD THEREOF

(51) International classification :B44B
(31) Priority Document No :10-2008-0000627
(32) Priority Date :03/01/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/007815
Filing Date :31/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AHN Sang-Myung

Address of Applicant :32-17 Yeokgok-dong Wonmi-gu
Bucheon-si Gyeonggi-do 420-100 Republic of Korea

(72)Name of Inventor :

1)AHN Sang-Myung

(57) Abstract :

A water facility with an underwater walking stage provides a waterplay facility that not only adults but also handicapped people and children can safely use. The water facility includes floating bodies 10 and 10 for floating on the surface of water; a walking stage 20 placed below and connected to both the floating bodies, thereby forming a footing; and rails 30 and 30 connecting each edge of the walking stage with a corresponding one of the floating bodies. The walking stage is supported by the floating bodies to be immersed in the water below the surface of water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4859/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN HVPE REACTION ARRANGEMENT

(51) International classification	:B60J
(31) Priority Document No	:20075902
(32) Priority Date	:13/12/2007
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2008/050728
Filing Date	:11/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)OptoGaN Oy
Address of Applicant :Tietotie 3 02150 Espoo Finland
(72)**Name of Inventor :**
1)NIKOLAEV Vladimir
2)BOUGROV Vladislav E.
3)Odnoblyudov Maxim A.
4)CHERENKOV Arthur

(57) Abstract :

An HVPE reactor arrangement comprises a reaction chamber (1), a gas inlet (2) for introducing process gases to the reaction chamber, a residual gas outlet (3), and a pump (4) for evacuating the residual gases from the reaction chamber via the residual gas outlet, the pump being capable of creating and maintaining in the reaction chamber a pressure less than or equal to about 100 mbar. According to the present invention, the reactor arrangement comprises means (6, 7, V2, V3) for supplying dissolving fluid to the pump for dissolving the possible parasitic deposition of the agents of the residual gases on the pump inner surfaces.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4860/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : BATTERY MANAGEMENT SYSTEM

(51) International classification	:F21Q
(31) Priority Document No	:61/012,907
(32) Priority Date	:11/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/086192
Filing Date	:10/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TRIGIANI Antonio

Address of Applicant :200 Maple Tree Drive Bristol
Tennessee 37620 United States of America

(72)Name of Inventor :

1)TRIGIANI Antonio

(57) Abstract :

Apparatus for a modular battery management system (100) with interchangeable slave modules (112) connected to each cell (108) and including a master module (110) controlling and managing the battery system. All the modules (110, 112) receive power through a transfer switch (104) that selectively switches between an external source (102-A), an auxiliary source (102-B) and the battery (106). The modules (110, 112) are configured to connect to a cell (108) of the battery (108) for charging and monitoring the cell (108) individually. Each module (110, 112) is electrically isolated from the other modules. The modules (110, 112) are autonomous and shut down the battery (106) and disconnect the module (110, 112) when a critical parameter of the cell (108) is reached. When the battery (106) is in service and a cell parameter approaches the critical level, the master controller (110) instructs the corresponding slave module (112) to charge the cell (108) using battery power. The master module (110) initializes the slave modules (112) to uniquely identify the modules (112).

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4861/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : COUPLING BETWEEN FREE SPACE AND OPTICAL WAVEGUIDE USING ETCHED COUPLING SURFACES

(51) International classification :G010B
(31) Priority Document No :61/007,394
(32) Priority Date :12/12/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/013665
Filing Date :12/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIGHTWIRE INC.
Address of Applicant :7540 Windsor Drive Suite 412
Allentown PA 18195 United States of America
(72)**Name of Inventor :**
1)WEBSTER Mark
2)PATEL Vipulkumar
3)NADEAU Mary
4)GOTHOSKAR Prakash
5)PIEDE David

(57) Abstract :

A plasma-based etching process is used to specifically shape the endface of an optical substrate supporting an optical waveguide into a contoured facet which will improve coupling efficiency between the waveguide and a free space optical signal. The ability to use standard photolithographic techniques to pattern and etch the optical endface facet allows for virtually any desired facet geometry to be formed - and replicated across the surface of a wafer for the entire group of assemblies being fabricated. A lens may be etched into the endface using a properly-defined photolithographic mask, with the focal point of the lens selected with respect to the parameters of the optical waveguide and the propagating free space signal. Alternatively, an angled facet may be formed along the endface, with the angle sufficient to re-direct reflected/scattered signals away from the optical axis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4862/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : FATTY ACID BY-PRODUCTS AND METHODS OF USING SAME

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:11/957,009	1)NALCO COMPANY
(32) Priority Date	:14/12/2007	Address of Applicant :1601 W. Diehl Road Naperville
(33) Name of priority country	:U.S.A.	Illinois 60563-1198 United States of America
(86) International Application No	:PCT/US2008/086612	(72)Name of Inventor :
Filing Date	:12/12/2008	1)TRAN Bo L.
(87) International Publication No	: NA	2)KOUZNETSOV Dmitri L.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and compositions for separating materials are provided. In an embodiment, the present invention provides a method of separating a first material from a second material. For example, the method can comprise mixing the first material and the second material in a slurry with a beneficiation composition. The beneficiation of composition can comprise one or more fatty acid by-products derived from a biodiesel manufacturing process. Air bubbles can be provided in the slurry to form bubble-particle aggregates with the first material and the bubble-particle aggregates can be allowed to be separated from the second material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4901/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : ANTIBODIES RECOGNIZING A CARBOHYDRATE CONTAINING EPITOPE ON CD-43 AND CEA EXPRESSED ON CANCER CELLS AND METHODS USING SAME

(51) International classification :A01K
(31) Priority Document No :61/014,716
(32) Priority Date :18/12/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/087515
Filing Date :18/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BIOALLIANCE C.V.
Address of Applicant :Strawinskylaan 3105 1077 ZX
Amsterdam The Netherlands
(72)Name of Inventor :
1)LIN Shih-Yao
2)LIN Leewen
3)TSAI Yu-Ying

(57) Abstract :

The present invention provides antibodies (such as chimeric and humanized antibodies) specifically bind to an epitope on CD43 and CEA expressed on nonhematopoietic cancer cells. In addition, the present invention also provides use of the antibodies described herein for diagnostic and therapeutic purposes.

No. of Pages : 83 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4902/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : EVENT-BASED CONTROL SYSTEM FOR WIND TURBINE GENERATORS

(51) International classification	:B60D
(31) Priority Document No	:61/008,608
(32) Priority Date	:19/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2008/050326
Filing Date	:19/12/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :Alsvej 21 DK-8940 Randers Sv
Denmark

(72)Name of Inventor :

1)MARTINEZ GARCIA Jorge

(57) Abstract :

The present invention relates to a control system comprising a control interface between one or more wind turbine generators and a power grid, where the wind turbine generators are coupled to the power grid and contribute to the power production of the grid. The control interface is arranged to receive a set of event data. In embodiments, the set of event data may be any data available to a SCADA system. The set of event data is analysed in terms of predetermined event rules comprising at least one predefined event condition and a set of adaptive event conditions. Based on the analysis an event output is provided in order to control a parameter of the one or more wind turbine generators. In embodiments, the control system may be implemented in, or in connection with a SCADA system, moreover, the event output may be based on fuzzy logic, a neural network or statistical analysis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.499/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : NOVEL METHOD FOR PRODUCTION OF SEA BUCKTHORN WINE AND WINE THEREOF

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DEPT. OF BIOTECHNOLOGY & BIOINFORMATICS

Address of Applicant :C/O JAYPEE UNIVERSITY OF

INFORMATION TECHNOLOGY, WAKNAGHAT,
WAKNAGHAT, SOLAN-173 215, Himachal Pradesh India

(72)Name of Inventor :

1)DR. GARGI DEY

2)BHARTI NEGI

(57) Abstract :

The present invention discloses an antioxidant rich healthy wine prepared from Seabuckthorn berries. The invention also describes a process of preparing wine from Seabuckthorn berries.

No. of Pages : 14 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.504/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SOLID FORMS OF (2S,3R,4R,5S,6R)-2-(4-CHLORO-3-(4-ETHOXYBENZYL)PHENYL)-6-(METHYLTHIO) TETRAHYDRO-2H-PYRAN-3,4,5-TRIOL AND METHODS OF THEIR USE

(51) International classification	:C07H 5/08
(31) Priority Document No	:61/081,423
(32) Priority Date	:17/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050636
Filing Date	:15/07/2009
(87) International Publication No	:WO 2010/009197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LEXICON PHARMACEUTICALS, INC.
Address of Applicant :8800 TECHNOLOGY FOREST
PLACE, THE WOODLANDS, TX 77381, UNITED STATES OF
AMERICA
(72)**Name of Inventor :**
1)PAUL, SUSAN, MARGARET
2)PERLBERG, ANETT
3)ZHAO, MATTHEW MANGZHU

(57) Abstract :

Solid forms of anhydrous (2S,3R,4R,5S,6R)-2-(4-chloro-3-(4-ethoxybenzyl)phenyl)-6-(methylthio)tetrahydro-2H-pyran-3,4,5-triol are disclosed, in addition to methods of their use in the treatment of various diseases and disorders.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5044/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :12/07/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PATH SELECTION FOR A WIRELESS SYSTEM WITH RELAYS

(51) International classification :H04W 40/04
(31) Priority Document No :61/022,652
(32) Priority Date :22/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA08/002302
Filing Date :31/12/2008
(87) International Publication No :WO 2009/092155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NORTEL NETWORKS LIMITED
Address of Applicant :2351 BOULEVARD ALFRED-
NOBEL, ST. LAURENT, QUEBEC H4S 2A9, CANADA
(72)**Name of Inventor :**
1)NIMAL GAMINI SENARATH
2)DEREK YU
3)HANG ZHANG
4)ISRAFIL BAHCECI
5)PEIYING ZHU
6)WEN TONG

(57) Abstract :

A method selects a path for forwarding a data packet in a wireless communication system. A system capacity versus delay impact curve is calculated for a direct path to mobile station. The direct path has a capacity cost based on communication quality of a direct link between a base station and the mobile station. This curve is shifted by a predetermined time corresponding to an additional delay over a relay path to produce a projected capacity curve for the relay path having a second capacity cost determined according to a combined measure of signal quality of multiple links in the relay path. The second capacity cost is multiplied by a capacity cost ratio to produce a relay capacity curve. The direct path or the relay path is selected based on a comparison of the system capacity versus delay impact curve and the relay capacity curve according to a QoS requirement.

No. of Pages : 28 No. of Claims : 19

(54) Title of the invention : METHOD AND APPARATUS TO ENABLE LAWFUL INTERCEPT OF ENCRYPTED TRAFFIC

(51) International classification :H04L 9/14
 (31) Priority Document No :61/010,805
 (32) Priority Date :11/01/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA09/000027
 Filing Date :12/01/2009
 (87) International Publication No :WO 2009/086639
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NORTEL NETWORKS LIMITED

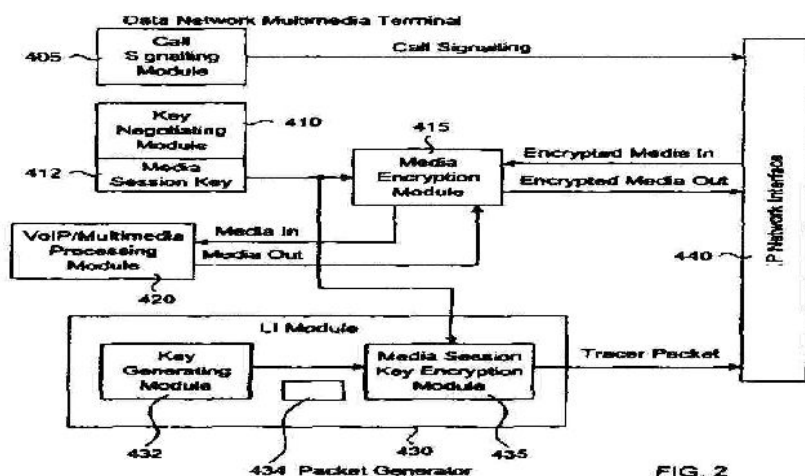
Address of Applicant :2351 BOULEVARD ALFRED-NOBEL, ST. LAURENT, QUEBEC H4S 2A9, CANADA

(72)Name of Inventor :

1)MICHAEL LEE

(57) Abstract :

Methods and systems are described for communicating the session keys used to encrypt media stream to allow a lawful intercept agency to decrypt the media stream. Assuming the endpoints negotiate the session keys themselves, the send an encrypted format key message which is encrypted with an encryption key for which only the LI agency knows the corresponding decryption key. However, to avoid abuse by the LI agency, or even to avoid the perception that LI agencies can intercept private calls without due process, the media session key is further encrypted with at least one additional key, with the corresponding decryption key(s) being unknown to the LI agency.



No. of Pages : 25 No. of Claims : 20

(54) Title of the invention : PEST-CONTROL COMPOSITIONS AND METHODS HAVING HIGH TARGET AND LOW NON-TARGET ACTIVITY

(51) International classification :A01N 25/00
 (31) Priority Document No :61/082,601
 (32) Priority Date :22/07/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/051457
 Filing Date :22/07/2009
 (87) International Publication No :WO 2010/011787
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TYRATECH, INC.

Address of Applicant :111 WEST NEW HAVEN AVE.,
 MELBOURNE, FLORIDA 32901, U.S.A.

(72)Name of Inventor :

1)ENAN, ESSAM

(57) Abstract :

Embodiments of the invention relate to compositions and methods for selective pest control wherein the compositions include active agents that in combination have a first activity against a selected target pest and a second activity against a selected non-target organism and wherein the first activity is greater than the second. Further embodiments of the invention relate to a method for developing selective pest control compositions and low-resistance pest control compositions.

Treatment	Percent Flea Mortality at Specified Times After Placement on Treated Collagen Membranes (1 gallon/1000 sq ft) n=3 replicates of 5 insects each				
	30 min	1 hr	2 hr	4 hr	
Control (Water)	0%	0%	0%	0%	
5% Composition	100%	100%	100%	100%	
2.5% Composition	100%	100%	100%	100%	

FIGURE 2

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ANTIBODIES TARGETING COMPLEMENT PROTEIN C5

(51) International classification :A61K 39/395

(31) Priority Document No :61/086,355

(32) Priority Date :05/08/2008

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

(86) International Application No :PCT/EP2009/060052

Filing Date :03/08/2009

(87) International Publication No :WO 2010/015608

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL
SWITZERLAND.

(72)Name of Inventor :

1)DIEFENBACH-STREIBER BEATE

2)EBERTH ADINA

3)GUILD BRAYDON CHARLES

4)KIM YONG-IN

5)ROGUSKA MICHAEL

6)SPLAWSKI IGOR

(57) Abstract :

The present invention relates to antibodies targeting complement protein C5 and compositions and methods of use thereof.

No. of Pages : 263 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.531/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD OF DESIGNING A MULTI-WINDING DEVICE

(51) International classification	:H02M 7/49
(31) Priority Document No	:61/083,212
(32) Priority Date	:24/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051627
Filing Date	:24/07/2009
(87) International Publication No	:WO 2010/011881
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS INDUSTRY INC.
Address of Applicant :3333 OLD MILTON PARKWAY,
30005 ALPHARETTA, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MARC F. AIELLO
2)EDWARD ALAN CHEESMAN
3)MUKUL RASTOGI
4)FRANK W. SANTUCCI JR.

(57) Abstract :

1. A method for designing a series of transformers, comprising receiving, via an input to a processing device, an indication of an acceptable level of total harmonic distortion (TED) for a transformer; identifying a desired number of secondary windings per output phase of the transformer, wherein the number is greater than two; simulating, via computer program instructions operating on the processing device, performance of various models for the transformer, wherein each of the various models includes a set of phase shift angles between the secondary windings of the transformer; identifying, based on the simulation, a transformer model that both has no more than three unique phase shift angles in the set and exhibits a primary side THD that is within the acceptable level; and reporting the identified transformer model.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5486/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : ESTER-BASED INSULIN PRODRUGS

(51) International classification	:A61K 38/00
(31) Priority Document No	:61/024,672
(32) Priority Date	:30/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/031593
Filing Date	:21/01/2009
(87) International Publication No	:WO 2009/099763
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION
Address of Applicant :351 WEST 10TH STREET,
INDIANAPOLIS, IN 46202, U.S.A.
(72)**Name of Inventor :**
1)DIMARCHI, RICHARD, D.
2)DE, ARNAB

(57) Abstract :

Prodrug formulations of bioactive polypeptides are provided wherein the bioactive polypeptide has been modified by the linkage of a dipeptide to the bioactive polypeptide through an ester linkage. The prodrugs disclosed herein in some embodiments have extended half lives of at least 1.5 hours (e.g., at least 10 hours), and more typically greater than 20 hours and less than 70 hours, and are converted to the active form at physiological conditions through a non-enzymatic reaction driven by chemical instability.

No. of Pages : 509 No. of Claims : 16

(54) Title of the invention : INSULIN FORMULATIONS FOR INSULIN RELEASE AS A FUNCTION OF TISSUE GLUCOSE LEVELS

(51) International classification :A61K 47/46
 (31) Priority Document No :61/019,187
 (32) Priority Date :04/01/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US09/030153
 Filing Date :05/01/2009
 (87) International Publication No :WO 2009/089181
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BIODEL, INC.

Address of Applicant :100 SAW MILL ROAD, DANBURY, CONNECTICUT 06810, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)NANDINI KASHYAP

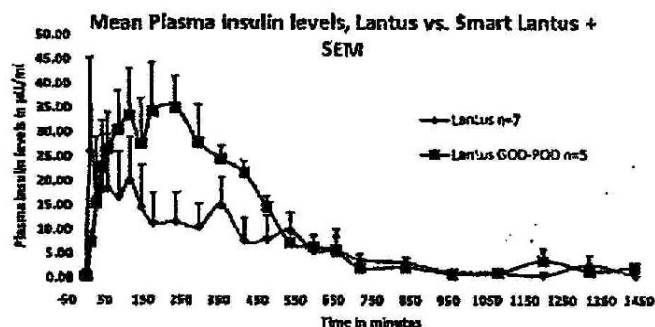
2)SOLOMON S. STEINER

3)RODERIKE POHL

(57) Abstract :

Injectable insulin formulations that are capable of modifying the amount of insulin released based on the patient's tissue glucose levels, methods for making and using these formulations are described herein. The formulation may be administered via subcutaneous, intradermal or intramuscular administration. In one preferred embodiment, the formulations are administered via subcutaneous injection. The formulations contain insulin, an oxidizing agent or enzyme and a reducing agent or enzyme, a diluent and optionally one or more thickening agents. If a thickening agent is present in the formulation, the thickening agent increases the viscosity of the formulation following administration. Preferably the formulation contains an insulin, a diluent, glucose oxidase and peroxidase. Following administration to a patient, the insulin is released from the formulations as a function of the patient's tissue glucose level, which in turn maintains the patient's blood glucose level within an optimum range. The formulation is often referred to as a smart formulation since it modifies its release rate of insulin according to the patient's needs at a particular time. In a preferred embodiment, the formulation is designed to release insulin into the systemic circulation over time with a basal release profile following injection in a patient. In another embodiment, the formulation is designed to release insulin into the systemic circulation over time with a non-basal release profile following injection in a patient, such as a regular human insulin release profile or a prandial release profile.

Fig. 7



No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.561/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : FINISHING GLAZE FOR DECORATIVE TEXTURING MEDIUM

(51) International classification	:C09D 191/00
(31) Priority Document No	:61/081,807
(32) Priority Date	:18/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/050826
Filing Date	:16/07/2009
(87) International Publication No	:WO 2010/009304
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNITED STATES GYPSUM COMPANY
Address of Applicant :550 WEST ADAMS STREET,
CHICAGO, ILLINOIS 60661-3676, U.S.A.
(72)**Name of Inventor :**
1)LI, DONGHONG

(57) Abstract :

A glaze composition for application to a substrate includes a dry powder latex, a liquid latex emulsion, a coalescing solvent, a wax, a thickener and water. The glaze is rewettable during application and is extremely durable after fully dry. Optionally, the glaze also includes one or more of a surfactant, a dispersant, one or more pigments, a dispersant, a defoamer, a slow drying solvent, and a slow drying hydrocarbon resin.

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

(54) Title of the invention : PIEZOACTUATOR MODULE AND PIEZOINJECTOR AND METHOD FOR PRODUCTION OF PIEZOACTUATOR MODULE

(51) International classification :F02M 51/00
 (31) Priority Document No :102008003838.5
 (32) Priority Date :10/01/2008
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/063849
 Filing Date :15/10/2008
 (87) International Publication No :WO 2009/086955
 (61) 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
 Address of Applicant :POSTFACH 30 02 20, 70442
 STUTTGART, GERMANY
 (72)Name of Inventor :
1)KIONTKE, MARTIN
2)SCHAICH, UDO

(57) Abstract :

The present subject matter relates to a piezoactuator module (3) that includes an actuator base (5) an actuator head (4) and at least one piezoactuator (16) enclosed between the actuator base (5) and the actuator head (4). The piezoactuator (16) is electrically contacted by means of a contacting means (19) leading through at least one opening (18) in the actuator base (5) that is sealed by at least one seal (20). According to the present subject matter, the contacting means (19) includes an enamelled wire (21), and the seal (20) between the contacting means (19) and the opening (18) having a caulking (22) or mechanical press-fitting (22) of the enamelled wire (21).

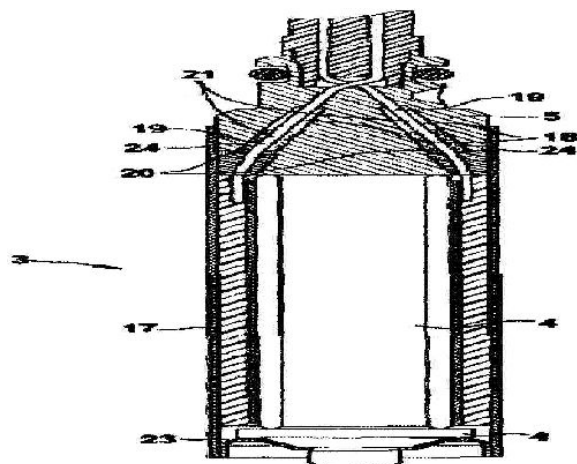


Fig- 3

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

(54) Title of the invention : SEAL

(51) International classification :F16J 15/32
 (31) Priority Document No :10 2008 011 948.2
 (32) Priority Date :29/02/2008
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP09/001147
 Filing Date :18/02/2009
 (87) International Publication No :WO 2009/106254
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

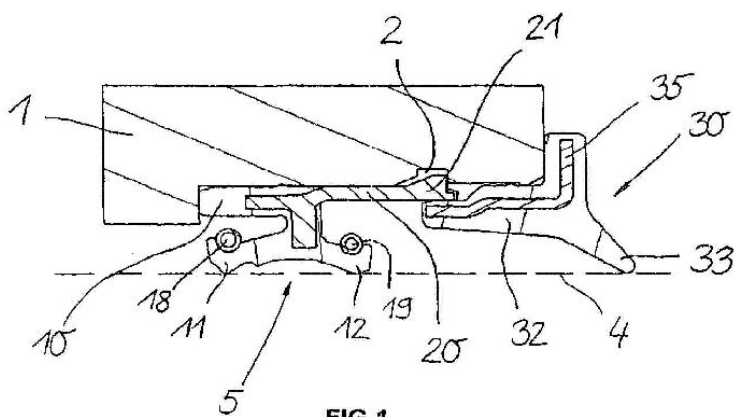
1)AB SKFAddress of Applicant :HORNSGATAN 1, S-415 50
GOTEBORG, SWEDEN

(72)Name of Inventor :

1)CHRISTOPH ECK**2)JURGEN KURTH**

(57) Abstract :

The invention relates to a seal comprising the following characteristics: - a reinforcement element configured in at least one axial section in an annular manner, - the reinforcement element on an axial end thereof comprising at least one axially projecting extension, which is configured with a convexity on the outer casing such that it is provided in a cavity having a correspondingly configured convexity for a snap-fit engagement, and - a sealing element connected to the reinforcement element for the sealed contact with a part that can be rotated and/or moved with regard to the longitudinal direction relative to the cavity.

**FIG 1**

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

(54) Title of the invention : COMMUNICATION APPARATUS, CUMMUNICATION METHOD, PROGRAM, INFORMATION MANAGEMENT APPARATUS AND COMMUNICATION SYSTEM

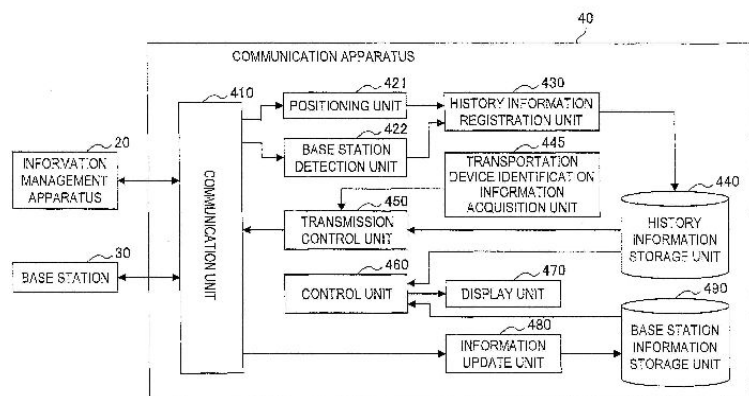
(51) International classification :H04W 8/08
 (31) Priority Document No :2008-334345
 (32) Priority Date :26/12/2008
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2009/070814
 Filing Date :14/12/2009
 (87) International Publication No :WO 2010/073927
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SONY CORPORATION
 Address of Applicant :1-7-1 KONAN, MINATO-KU,
 TOKYO, 108-0075, Japan
 (72)Name of Inventor :
1)JUNICHI REKIMOTO

(57) Abstract :

Provided is a communication apparatus 40 including a positioning unit 421 that obtains position information of a local apparatus by measuring a position of the local apparatus based on signals received from satellites via a communication unit 410, a base station detection unit 422 that obtains base station identification information to identify a base station from the signal received from the base station via the communication unit 410, a history information registration unit 430 that registers first history information containing the position information obtained by the positioning unit 421 with a history information storage unit 440 and also registers second history information containing the base station identification information obtained by the base station detection unit 422 with the history information storage unit 440, and a transmission control unit 450 that transmits the first history information registered with the history information storage unit 440 to an information management apparatus 20 via the communication unit and also transmits the second history information registered with the history information storage unit 440 to the information management apparatus 20 via the communication unit 410. Representative Drawing Fig. 2

FIG.2



No. of Pages : 82 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :25/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : LAMINATED SHEET FOR SOLAR CELL AND SOLAR CELL MODULE USING THE SAME

(51) International classification	:H01L 31/042
(31) Priority Document No	:2008-166959
(32) Priority Date	:26/06/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/061737
Filing Date	:26/06/2009
(87) International Publication No	:WO 2009/157545
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DU PONT-MITSUI POLYCHEMICALS CO., LTD.

Address of Applicant :5-2, HIGASHI-SHIMBASHI 1-CHOME, MINATO-KU, TOKYO 105-7117, Japan

(72)Name of Inventor :

1)KOICHI NISHIJIMA

2)YASUKI SHIBATA

3)MASANOBU SATO

(57) Abstract :

Provided is a laminated sheet for solar cell having a back sheet base material including a fluoro-resin or a polyester resin, and a sealing material layer which includes an ethylene copolymer composition containing a copolymer of an ethylene and a polar monomer which has a polar group selected from a group consist of a carboxylic acid group and a group derived from a carboxylate and a dialkoxysilane having an amino group is laminated on a surface of the back sheet base material where a chemical treatment or a physical treatment for improving adhesiveness has been applied, by a melt extrusion lamination method. Thereby, a laminated sheet having excellent productivity and excellent interlayer adhesion strength between the back sheet and the sealing material is obtained.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2010

(21) Application No.5723/DELNP/2010 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONFORMATIONALLY RESTRICTED BIPHENYL DERIVATIVES FOR USE AS HEPATITS C VIRUS INHIBITORS

(51) International classification :C07D 403/14
(31) Priority Document No :61/028,266
(32) Priority Date :13/02/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/032830
Filing Date :02/02/2009
(87) International Publication No :WO 2009/102568
(61) 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 :P.O. BOX 4000, ROUTE 206 AND
PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-
4000, U.S.A.

(72)Name of Inventor :

1)CAROL BACHAND

2)MAKONEN BELEMA

3)DANIEL H. DEON

4)ANDREW C. GOOD

5)JASON GOODRICH

6)CLINT A. JAMES

7)RICO LA VOIE

8)OMAR D. LOPEZ

9)ALAIN MARTEL

10)NICHOLAS A. MEANWELL

11)VAN N. NGUYEN

12)JEFFREY LEE ROMINE

13)EDWARD H. RUEDIGER

14)LAWRENCE B. SNYDER

15)DENIS R. ST. LAURENT

16)FUKANG YANG

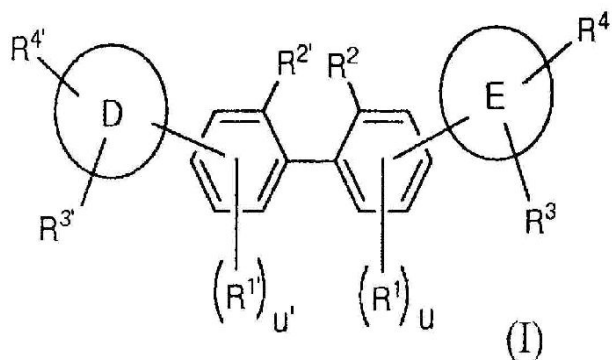
17)DAVID R. LANGLEY

18)GAN WANG

19)LAWRENCE G. HAMANN

(57) Abstract :

The present disclosure relates to compounds, compositions and methods for the treatment of hepatitis C virus (HCV) infection. Also disclosed are pharmaceutical compositions containing such compounds and methods for using these compounds in the treatment of HCV infection.



No. of Pages : 188 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5724/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : FOAMED MATERIALS COMPRISING A MATRIX HAVING A HIGH HARDBLOCK CONTENT AND PROCESS FOR PREPARING THEM

(51) International classification	:C08G 18/76
(31) Priority Document No	:08152477.9
(32) Priority Date	:07/03/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/052555
Filing Date	:04/03/2009
(87) International Publication No	:WO 2009/109600
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUNTSMAN INTERNATIONAL LLC
Address of Applicant :500 HUNTSMAN WAY, SALT LAKE CITY, UTAH 84108, U.S.A.
(72)**Name of Inventor :**
1)GERHARD JOZEF BLEYS
2)HANS CODELIEVE GUIDO VERBEKE

(57) Abstract :

Foamed material having a density of less than 100 kg/m³ and comprising - a matrix material comprising a plurality of urea groups and having a hardblock content of more than 50 % (hereinafter called matrix A); and - a polymeric material which 1) has no groups which are able to form a urethane, urea or isocyanurate group with an isocyanate group, 2) is interpenetrating said matrix A, and 3) is a polymer having an average molecular weight of more than 500 which polymer comprises at least 50 % by weight of oxyethylene groups based on the weight of this polymer (hereinafter called polymeric material B); and wherein the relative amount of all ingredients used to make said matrix A and of said polymeric material B, on a weight basis, ranges from 10:90 to 70:30 and process for making such materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5726/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AQUEOUS COATING COMPOSITION, PREPARATION PROCESS, AND USE

(51) International classification	:C09D 5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2008 009 481.1	1)BASF COATINGS GMBH
(32) Priority Date	:15/02/2008	Address of Applicant :GLASURITSTR. 1, 48165 MUNSTER,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP09/001044	(72)Name of Inventor :
Filing Date	:13/02/2009	1)INGO LUER
(87) International Publication No	:WO 2009/100938	2)EGON WEGNER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Water-based coating composition comprising at least one resin composition for a water-based coating composition and as a rheological assistant at least one polyamide and at least one acrylate thickener based on poly(meth)acrylic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5750/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : PYRIDAZINONE GLUCOKINASE ACTIVATORS

(51) International classification :C07D 401/12
(31) Priority Document No :61/045,318
(32) Priority Date :16/04/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2009/054058
Filing Date :06/04/2009
(87) International Publication No :WO 2009/127544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND

(72)Name of Inventor :

1)BERTHEL, STEVEN, JOSEPH

2)HAYNES, NANCY-ELLEN

3)KESTER, ROBERT, FRANCIS

4)MCDERMOTT, LEE, APOSTLE

5)QIAN, YIMIN

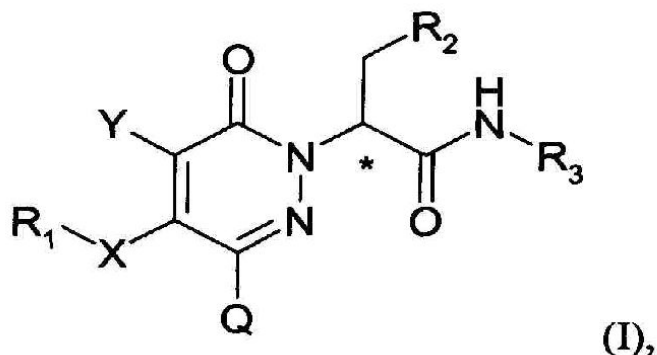
6)SARABU, RAMAKANTH

7)SCOTT, NATHAN, ROBERT

8)TILLEY, JEFFERSON, WRIGHT

(57) Abstract :

Provided herein are compounds of the formula (I): wherein X, Y, Q and R1 to R3 are defined in the specification, as well as pharmaceutically acceptable salts thereof, wherein the substituents are as those disclosed in the specification. These compounds, and the pharmaceutical compositions containing them, are useful for the treatment of metabolic diseases and disorders such as, for example, type II diabetes mellitus.



No. of Pages : 337 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5775/DELNP/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : STRUCTURAL PART, ESPECIALLY MOTOR VEHICLE COMPONENT, MADE OF DUAL-PHASE STEEL

(51) International classification	:F02M 61/16
(31) Priority Document No	:10 2008 004 371.0
(32) Priority Date	:15/01/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/050284
Filing Date	:13/01/2009
(87) International Publication No	:WO 2009/090155
(61) 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
Address of Applicant :POSTFACH 30 02 20, STUTTGART
70442 GERMANY
(72)**Name of Inventor :**
1)KUNTZ, MATTHIAS
2)LANGNER, HEIKE

(57) Abstract :

The present subject matter relates to a structural part, especially a motor vehicle component, which is made of steel having a dual-phase structure made of martensite/bainite and ferrite, where the structural part has a structural part thickness of at least 2.5 mm and is made from a massive rod material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.577/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :25/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : DATABASE SYSTEMS AND METHODS

(51) International classification :G06F 7/00
(31) Priority Document No :61/077,676
(32) Priority Date :02/07/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/049522
Filing Date :02/07/2009
(87) International Publication No :WO 2010/003061
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :8287/DELNP/2010
Filed on :23/11/2010

(71)Name of Applicant :
1)LEXISNEXIS RISK SOLUTIONS FL INC.
Address of Applicant :6601 PARK OF COMMERCE
BOULEVARD, BOCA RATON, FL 33487 (US) U.S.A.
(72)Name of Inventor :
1)BAYLISS, DAVID

(57) Abstract :

Disclosed is a system for, and method of, identifying an entity representation. In some embodiments, search criteria are used to identify an entity representation in a universal database, and this identification is then used to identify a corresponding entity representation in a foreign database. Certain embodiments provide assurance, with a know probability of error, that the entity representation identified in the universal database is correct.

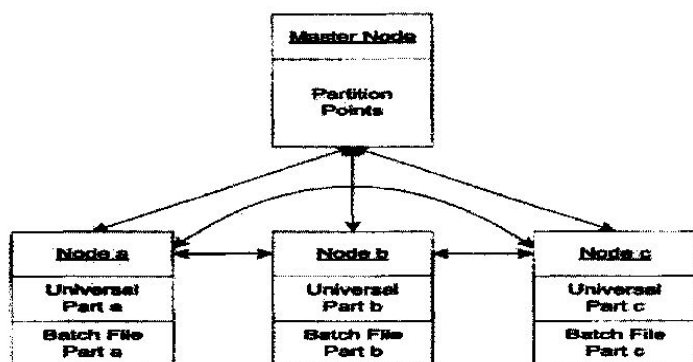


Fig. 3b

No. of Pages : 94 No. of Claims : 32

(54) Title of the invention : METHOD AND CONTROL DEVICE FOR CONTROLLING REDUCING AGENT SUPPLY TO SCR CATALYTIC CONVERTER

(51) International classification :F01N 9/00
 (31) Priority Document No :10 2008 004 222.6
 (32) Priority Date :14/01/2008
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/065269
 Filing Date :11/11/2008
 (87) International Publication No :WO 2009/089936
 (61) 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

Address of Applicant :POSTFACH 30 02 20, 70442

STUTTGART GERMANY

(72)Name of Inventor :

1)LOEHR, MATTHIAS

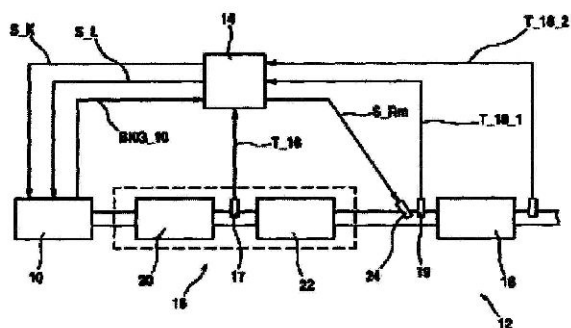
2)WALZ, CHRISTIAN

3)RUDOLPH, ANDREAS

(57) Abstract :

The present subject matter relates to a method for determining a reducing agent quantity to be supplied to a selective catalytic reduction (SCR) catalytic converter in an exhaust gas purification system of an internal combustion engine, in order to reduce nitrogen oxides in the exhaust gas. The method includes determining the quantity of the reducing agent as a function of operating parameters of an exhaust gas purification system; and taking into account, an effect of an oxidizing exhaust gas purifying component disposed in the exhaust gas flow path before the SCR catalytic converter. The oxidizing gas purifying component increases nitrogen dioxide (NO₂) fraction in the exhaust gas at the expense of an nitrogen oxide (NO) fraction in the exhaust gas. According to the present subject matter, the determining the reducing agent quantity comprises initially determining a measure (NO₂/NO_x) of nitrogen dioxide (NO₂) concentration in the exhaust gas between the oxidizing exhaust gas purification component and the SCR catalytic converter from the operating parameters of the oxidizing exhaust gas purification component, and determining the reducing agent quantity from the operating parameters of the SCR catalytic converter and from the measure (NO₂/NO_x) of nitrogen dioxide (NO₂) concentration in the exhaust gas between the oxidizing exhaust gas purification component and the SCR catalytic converter.

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.579/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :25/01/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : DATABASE SYSTEMS AND METHODS

(51) International classification :G06F 7/00
(31) Priority Document No :61/077,676
(32) Priority Date :02/07/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/049522
Filing Date :02/07/2009
(87) International Publication No :WO 2010/003061
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :8287/DELNP/2010
Filed on :23/11/2010

(71)Name of Applicant :
1)LEXISNEXIS RISK SOLUTIONS FL INC.
Address of Applicant :6601 PARK OF COMMERCE
BOULEVARD, BOCA RATON, FL 33487 (US) U.S.A.
(72)Name of Inventor :
1)BAYLISS, DAVID

(57) Abstract :

Disclosed is a system for, and method of, identifying an entity representation. In some embodiments, search criteria are used to identify an entity representation in a universal database, and this identification is then used to identify a corresponding entity representation in a foreign database. Certain embodiments provide assurance, with a know probability of error, that the entity representation identified in the universal database is correct.

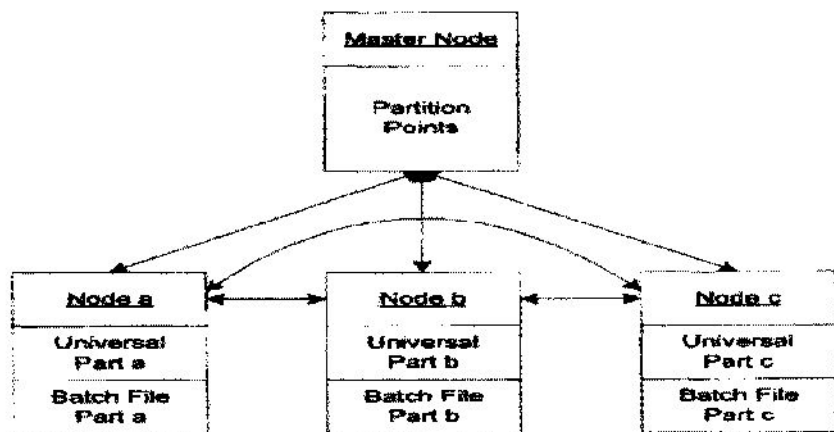


Fig. 3b

No. of Pages : 92 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1442/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : HETEROCYCLIC NITROGENOUS OR OXYGENOUS COMPOUNDS WITH INSECTICIDAL ACTIVITY FORMED FROM DIALDEHYDES AND THEIR PREPARATION AND USES THEREOF

(51) International classification	:C07C 249/02,C07D 401/12,C07C 257/10	(71)Name of Applicant :
(31) Priority Document No	:200810207355.2	1)EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY
(32) Priority Date	:19/12/2008	Address of Applicant :130 MEILONG RD., SHANGHAI 200237, CHINA
(33) Name of priority country	:China	2)SHANGHAI SHENGNONG PESTICIDE CO., LTD.
(86) International Application No	:PCT/CN2009/075693	(72)Name of Inventor :
Filing Date	:18/12/2009	1)LI, ZHONG
(87) International Publication No	:WO/2010/069266	2)QIAN, XUHONG
(61) Patent of Addition to Application Number	:NA	3)SHAO, XUSHENG
Filing Date	:NA	4)XU, XIAOYONG
(62) Divisional to Application Number	:NA	5)TAO, LIMING
Filing Date	:NA	6)SONG, GONGHUA

(57) Abstract :

The heterocyclic nitrogenous or oxygenous compounds of formula (A), (B), (C) or (D) formed from dialdehydes, their optical isomers, cis- and trans- isomers, or agrochemically acceptable salts, their preparation methods, agrochemical compositions comprising the said compounds and the uses thereof are provided. The compounds and their derivatives have high insecticidal activities to several farming and forestry pests including homoptera and lepidoptera pests, such as aphid, fulgorid, whitefly, leafhopper, common thrips, cotton bollworm, cabbage caterpillar, cabbage moth, cotton leafworm, armyworm and so on.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1443/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : REDUCING LEAKAGE CURRENT IN A MEMORY DEVICE

(51) International classification :G11C 17/18

(31) Priority Document No :12/364,105

(32) Priority Date :02/02/2009

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

(86) International Application No :PCT/US2010/022896

Filing Date :02/02/2010

(87) International Publication No :WO/2010/088674

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attention: International IP
Administration 5775 Morehouse Drive San Diego California
92121-1714 U.S.A.

(72)Name of Inventor :

1)CHEN Nan

2)SANI Mehdi Hamidi

3)CHABA Ritu

(57) Abstract :

Memory devices and methods of reducing leakage current therein are disclosed. The memory device includes a memory core array including a plurality of bitlines, and peripheral logic configured to interface with the memory core array. The memory device further includes a footswitch configured to isolate the peripheral logic from a ground voltage, and a headswitch configured to isolate a precharge current path from the plurality of bit lines of the memory core array. Leakage current within the memory device may be reduced via the isolation provided by the footswitch and the headswitch.

No. of Pages : 23 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1444/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR OPERATING THE SAME

(51) International classification	:H01M 8/04,H01M 8/10
(31) Priority Document No	:2009-202207
(32) Priority Date	:02/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005203
Filing Date	:24/08/2010
(87) International Publication No	:WO/2011/027512
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan

(72)Name of Inventor :

1)UMEDA Takahiro

2)SUGAWARA Yasushi

3)SHIBATA Soichi

4)NAKAYAMA Atsushi

5)NAKAMURA Akinari

(57) Abstract :

A fuel cell power generation system of the present invention includes: a fuel cell (3); a fuel gas supply mechanism (10); an oxidizing gas supply mechanism (11); an electric power output unit (18); a cooling mechanism (12); and a controller (20) configured to carry out a first step in which the controller controls the electric power supplied from the electric power output unit (18) to at least one of an internal load (21) and an external load (17) such that a voltage of the fuel cell (3) temporarily becomes equal to or higher than a first voltage by which a solid compound adhered to....

No. of Pages : 48 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1445/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SCRIBE-LINE THROUGH SILICON VIAS

(51) International classification :H01L 21/78

(31) Priority Document No :12/366,846

(32) Priority Date :06/02/2009

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

(86) International Application No :PCT/US2010/023309

Filing Date :05/02/2010

(87) International Publication No :WO/2010/091245

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72)Name of Inventor :

1)CHANDRASEKARAN Arvind

(57) Abstract :

A semiconductor wafer includes dies to be scored from the semiconductor wafer. The semiconductor wafer also includes scribe-lines between the dies. Each scribe-line includes multiple through silicon vias.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1446/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : INTRAVASCULAR DEVICE, METHOD FOR MANUFACTURING SAME, AND KITS INCLUDING SAME

(51) International classification	:A61B 17/12
(31) Priority Document No	:09 50675
(32) Priority Date	:03/02/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050123
Filing Date	:27/01/2010
(87) International Publication No	:WO/2010/089491
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)A.L.N.

Address of Applicant :Route de la Gare F-20240 Ghisonaccia
France

(72)Name of Inventor :

1)NIGON Alain

(57) Abstract :

The invention relates to an intravascular device (1) that can be used in pairs or more for filling a same aneurysm, essentially consisting of a skeleton covering with a film for forming a pouch that can be filled with blood, said skeleton being made of contiguous resilient strands (2, 3, 4, 5, 6) forming, in the absence of stress, an elongate, partially planar pouch tapering into a tip at the ends (7, 8) thereof, and having, when applied with stress, an average general diameter enabling the insertion thereof into a catheter having a 24F size (8 mm diameter) or less, said pouch being provided with an opening letting blood into said pouch. The invention also relates to a method for manufacturing same and to kits containing same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1447/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : THIN FILM COMPRISING TITANIUM OXIDE AS MAIN COMPONENT AND SINTERED COMPACT SPUTTERING TARGET COMPRISING TITANIUM OXIDE AS MAIN COMPONENT

(51) International classification :C23C 14/08
(31) Priority Document No :2009-025064
(32) Priority Date :05/02/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/051232
Filing Date :29/01/2010
(87) International Publication No :WO/2010/090137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JX Nippon Mining & Metals Corporation
Address of Applicant :6-3 Otemachi 2-chome Chiyoda-ku
Tokyo 100-8164 Japan
(72)Name of Inventor :
1)TAKAMI Hideo
2)YAHAGI Masataka

(57) Abstract :

A thin film comprising titanium oxide as its main component, wherein the thin film includes titanium, oxygen and copper, content of Ti is 29.0 at% or higher and 34.0 at% or less and content of Cu is 0.003 at% or higher and 7.7 at% or less with remainder being oxygen and unavoidable impurities, and ratio of oxygen component to metal components, $O/(2 \text{ Ti} + 0.5 \text{ Cu})$, is 0.96 or higher. This invention aims to obtain a thin film comprising titanium oxide as its main component with a high refractive index and low extinction coefficient and a sintered compact sputtering target comprising titanium oxide as its main component which is suitable for producing the foregoing thin film, to obtain a thin film with superior transmittance and low reflectance and which is effective as an interference film or protective film of an optical information recording media is also obtained. Furthermore, a thin film applicable to glass substrates as a heat ray reflecting film, antireflection film, or interference filter is obtained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : CALIBRATION DEVICE FOR A FORCE-MEASURING DEVICE, AND FORCE-MEASURING DEVICE

(51) International classification	:G01G 23/01
(31) Priority Document No	:09152278.9
(32) Priority Date	:06/02/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/051391
Filing Date	:05/02/2010
(87) International Publication No	:WO/2010/089358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Mettler-Toledo AG

Address of Applicant :Im Langacher 8606 Greifensee Switzerland.

(72)Name of Inventor :

1)FANKHAUSER George

2)USTER Markus

3)HEUSSER Martin

4)SCHNEIDER Ferdinand

(57) Abstract :

The invention relates to a calibration apparatus (40) for a force measuring apparatus (1), in particular a balance, having an electrically controllable force generating means (41) which can be coupled to a load cell (14) of a force measuring apparatus (1) in such a manner that a predefined force (Fc) can be supplied to the load cell (10), with the result that the load cell (10) generates a measurement signal (SF) which corresponds to the supplied force (Fc) and can be forwarded to a processing unit (60, PU) where it can be processed with respect to the predefined force (Fc). In this case, the calibration apparatus (40) has a calibration control unit (CCU) which is provided with at least one predefined parameter (P) which characterizes the force measuring apparatus (1) and/or the calibration apparatus (40), wherein the calibration control unit (CCU) can be connected to the processing unit (60, PU) via a communication link (52) in order to interchange information signals (SCD) with said processing unit, and the calibration control unit (CCU) is designed to use the information signals (SCD) and the parameter (P) to generate control signals in order to control the force generating means (41) therewith.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1450/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : ENERGY SAVING APPARATUS FOR PRODUCING OXYHYDROGEN COMBUSTION SUPPORTING GAS AND METHOD USING THE SAME

(51) International classification	:C25B 1/06,C25B 9/04
(31) Priority Document No	:200810188454.0
(32) Priority Date	:15/12/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/076254
Filing Date	:30/12/2009
(87) International Publication No	:WO/2010/069275
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VICE POWER COMPANY LIMITED

Address of Applicant :15/Floor Li Dong Building 9 Li Yuen Street East Central Hong Kong China.

(72)Name of Inventor :

1)Stephen LOCKIE

(57) Abstract :

energy saving apparatus for producing oxyhydrogen combustion supporting gas and a method using the same are disclosed, wherein, the apparatus is characterized in that: an electrolytic cell comprises a plurality of negative electrode plates, positive electrode plates and neutral electrode plates, they do not contact with each other and are adjacently or alternately arranged in the electrolytic cell and the outermost two electrode plates positioned are neutral electrode plates. An electronic drive unit used is an adjustable pulse-width modulator, its input terminal is connected with DC power supply, and the output terminal is connected with the negative electrode plates and the positive electrode plates of the electrolytic cell respectively. The method for producing the oxyhydrogen combustion supporting gas by using the apparatus comprises the following steps: (1) supplying power to the adjustable pulse-width modulator; (2) adjusting the frequency and the duty ratio of the adjustable pulse-width modulator to produce the oxyhydrogen gas from the electrolytic cell; and (3) outputting the oxyhydrogen gas without storage. The energy saving apparatus is safe and convenient to be installed. It can efficiently produce the oxyhydrogen gas, thus it can considerably and definitely improve the performance of an internal combustion engine or an engine, and hence it can save fuel and reduce the discharge of toxic waste gas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1451/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : TISSUE REGENERATION MEMBRANE

(51) International classification :A61L 27/26
(31) Priority Document No :61/193,947
(32) Priority Date :12/01/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2010/000028
Filing Date :12/01/2010
(87) International Publication No :WO/2010/079496
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LIMITED

Address of Applicant :P.O. Box 12000 Kiryat Hadassah 91120
Jerusalem Israel.

2)YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.

(72)Name of Inventor :

1)FRIEDMAN Michael

2)SASSON Yoel

3)GRIN Ada

4)MOSHEIOFF Rami

5)RACHMILEWITZ Jacob

(57) Abstract :

The present invention relates to a membrane comprising at least one positively charged, synthetic, hydrophobic polymer, at least one hydrophilic polymer and at least one plasticizer; wherein said membrane is flexible and is capable of supporting at least one of cell adherence, cell proliferation or cell differentiation. The invention further relates to use of a membrane of the invention in the preparation of an implantable devices including cell delivery systems, cell growing surfaces and scaffolds. The invention further provides methods for promoting tissue regeneration in a defected tissue region applying membranes of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1452/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : MODIFIED SODIUM-MONTMORILLONITE, PREPARATION METHOD AND USES THEREOF

(51) International classification :C01B 33/40,A61P 1/00
(31) Priority Document No :200910001369.3
(32) Priority Date :08/01/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/000032
Filing Date :08/01/2010
(87) International Publication No :WO/2010/078833
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HAILISHENG PHARMACEUTICAL CO. LTD

Address of Applicant :NO.88 HAILISHENG ROAD
LINCHENG ZHOUSHAN ZHEJIANG 316021 China.

(72)Name of Inventor :

1)ZHENG Haihui

2)LV Guanglie

3)XIA Zhiguo

4)XU Nian

5)LE Sheng

6)MA Zhongchao

7)CHI YUfeng

8)CHEN Wenbo

9)CHEN Jixin

(57) Abstract :

Provided are a modified Na-montmorillonite and a preparation method thereof, wherein the content of Na⁺ in the modified sodium-montmorillonite, calculated as Na₂O, is not less than 2.0%. The modified Na-montmorillonite has more reasonable microstructure, higher performance, and better quality. Also provided are a method for preparing a modified nanometered Na-montmorillonite from the modified Na-montmorillonite, and the modified nanometered Na-montmorillonite obtained by the method. Also provided are uses and a pharmaceutical composition of the modified Na-montmorillonite or modified nanometered Na-montmorillonite.

No. of Pages : 53 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1651/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : OBJECT CARRIER HAVING A DATA MEMORY

(51) International classification	:G02B 21/34,B01L 3/00
(31) Priority Document No	:10 2009 005 307.7
(32) Priority Date	:16/01/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000042
Filing Date	:07/01/2010
(87) International Publication No	:WO/2010/081651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WALDEMAR KNITTEL GLASBEARBEITUNGS GMBH

Address of Applicant :VARRENTAPPSTRASSE 5,38114
BRAUNSCHWEIG,GERMANY

(72)Name of Inventor :

1)INSALATA ,FABIO

(57) Abstract :

The invention relates to object carriers (1), in particular for microscopy or analysis technology, having at least one information means (6). Starting from this point, an object carrier that is improved with regard to practical suitability in laboratory operation and a method for the production thereof are specified. For this purpose, a recess (5), in which the information means (6) is arranged, is provided in the object carrier (1).

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1655/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SELF-STABILIZING SUPPORT ASSEMBLY FOR AN ITEM OF FURNITURE

(51) International classification :A47B 91/16
(31) Priority Document No :61/148,065
(32) Priority Date :29/01/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/050381
Filing Date :28/01/2010
(87) International Publication No :WO/2010/086812
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HEDERA AB

Address of Applicant :Stora Sodergatan 31 S-222 23 Lund
Sweden.

(72)Name of Inventor :

1)BROOKE Rory

(57) Abstract :

A support assembly (14) for an item of furniture has an elongated support structure (16) with a first pair of feet (18) fast with the support structure at its lower end; a passage defining arrangement defining a guide passage fast with the support structure and extending lengthwise; a support member displaceable with respect to the support structure which has a second pair of feet at its lower end; an elongated a guided pin (38) fast with the displaceable support member that is complementary to and longitudinally slidably engaged with the passage (34) defining arrangement, so that the displaceable support member is slidably displaceable along a rectilinear guide path which is transverse to lines drawn between both the pairs of feet, the passage defining arrangement (36) comprising a hollow carrier with a pair of longitudinally spaced precision washers (39) which engage the guided pin, the dimensions of the washers and the guided pin being such that automatic frictional engagement of the guided pin occurs, in use, with inner walls of the washers in response to pivoting of the displaceable support member about a pivot axis which is transverse to the displaceable support member's guide path, automatically to anchor the displaceable support member frictionally against sliding displacement relative to the support structure.

No. of Pages : 24 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1656/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING A MOBILE GROUND WORKING DEVICE

(51) International classification	:G05D 1/00, E02F 9/20
(31) Priority Document No	:BE2009/0013
(32) Priority Date	:12/01/2009
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP2010/050275
Filing Date	:12/01/2010
(87) International Publication No	:WO/2010/079232
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DREDGING INTERNATIONAL N.V.

Address of Applicant :Scheldedijk 30 B-2070 Zwijndrecht Belgium.

(72)Name of Inventor :

1)VERBOOMEN Bart Peter

(57) Abstract :

The invention relates to a method for controlling a mobile ground working device, such as a trailing suction hopper dredger or bulldozer. The method is characterized in that it comprises at least the steps, proceeding under the control of a central computer via a digital network, of A) presetting an optimum criterion; B) collecting information relating to the current state of the ground; C) collecting information relating to the current state of the ground working device, including at least its position; and D) calculating the control of the ground working device at which the optimum criterion is minimized. Using the invented method ground can be worked with an increased efficiency compared to the known method. The invention likewise relates to a computer program comprising program instructions for having a computer perform the method, and to a computer adapted to run the computer program.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1657/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SELF-STABILIZING SUPPORT ASSEMBLY FOR AN ITEM OF FURNITURE

(51) International classification :A47B 91/16

(31) Priority Document No :61/148,079

(32) Priority Date :29/01/2009

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

(86) International Application No :PCT/IB2010/050379

Filing Date :28/01/2010

(87) International Publication No :WO/2010/086811

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HEDERA AB

Address of Applicant :Stora Sodergatan 31 S-222 23 Lund
Sweden.

(72)Name of Inventor :

1)BROOKE Rory

(57) Abstract :

The invention provides a support assembly (14) for an item of furniture, which has an elongated support structure (16) having a first pair of feet (18) fast with a lower end thereof; a passage defining unit defining a guide passage fast with the support structure and extending lengthwise; a support member displaceable with respect to the support structure which has a second pair of feet at its lower end thereof; the displaceable support member also being provided with a guided pin (38) complementary to and longitudinally slidably engaged in the guide passage (34), characterised thereby that the passage defining unit (36) has a hollow adjustable guide member whereby the dimension of the passage is adjustable in accordance with the dimension of the pin; and the passage defining unit is fastenable to the support structure once it has been adjusted, such that the passage defining unit may first be adjusted to conform with the guide pin and then be fastened to the support structure.

No. of Pages : 26 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1658/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : FILTER ELEMENT AND FILTER SYSTEM

(51) International classification	:B01D 50/00
(31) Priority Document No	:10 2009008450.9
(32) Priority Date	:11/02/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/050615
Filing Date	:20/01/2010
(87) International Publication No	:WO/2010/091917
(61) 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 GMBH
Address of Applicant :HINDENBURGSTR.45,71638
LUDWIGSBURG,GERMANY
(72)**Name of Inventor :**
1)RUHLAND , KLAUS-DIETER

(57) Abstract :

The invention relates to a filter element, comprising a filter medium (10) having a concentric shape and pleated in a zig-zag shape, a first open or closed end disk (11) arranged on a face and a second end disk (12) arranged on the opposing face. The end disk (12) comprises a concentric opening (13) and extends in a substantially annular shape over the pleats of the filter medium. The end disk (12) further comprises a first ring bead (14) extending axially to the outside and a sealing groove (16). The ring bead (14) comprises outer faces (18, 19), which are supported on radially extending ribs (20, 21) of a housing receiving the filter element or on a flat surface having channels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1659/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/08/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : TITANIUM DIOXIDE COMPOSITE POWDERS AND MAKEUP COMPOSITION CONTAINING THE SAME

(51) International classification	:A61K 8/29,A61K 8/02
(31) Priority Document No	:10-2009-0015342
(32) Priority Date	:24/02/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/001141
Filing Date	:24/02/2010
(87) International Publication No	:WO/2010/098575
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMOREPACIFIC CORPORATION

Address of Applicant :181,HANGANG-RO 2-GA,YONGSAN-GU,SEOUL 140-777,REPUBLIC OF KOREA

(72)Name of Inventor :

1)PARK , SE JUN

(57) Abstract :

The present invention relates to titanium dioxide composite powders and a base makeup composition containing the same, more specifically to: titanium dioxide composite powders which are produced by mixing titanium dioxide with elastomers, coating the mixture with polymethylsilsesquioxane, and applying the coated mixture to formulations, thereby covering the skin naturally and providing a soft feeling while avoiding aggregation thereof; and a base makeup composition containing the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PARTICULATE ALUMINIUM MATRIX NANO-COMPOSITES A PROCESS FOR PRODUCING THE SAME

(51) International classification	:C22C1/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADITYA BIRLA SCIENCE AND TECHNOLOGY
(32) Priority Date	:NA	COMPANY LIMITED
(33) Name of priority country	:NA	Address of Applicant :ADITYA BIRLA CENTER, 2nd
(86) International Application No	:NA	FLOOR, C WING, S.K.AHIRE MARG, WORLI, MUMBAI-
Filing Date	:NA	400025, MAHARASHTRA, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SRIVASTAVA, VIVEK
Filing Date	:NA	2)GIRI, ANIRBAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for reinforced aluminum matrix composite. The aluminum matrix composite is reinforced with compound selected from the group consisting of Titanium carbide, Titanium boride, Vanadium and Zirconium compounds . The process is carried out pneumatically using pressurized carrier gas. The pressurized carrier gas also provides efficient stirring during the process which leads to uniform dispersion of the particulate in the aluminum matrix.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.169/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : GLASS NANOCOMPOSITE AND A PROCESS FOR PREPARING THE SAME

		(71)Name of Applicant :
		1)SECRETARY, DEPARTMENT OF INFORMATION TECHNOLOGY(DIT)
		Address of Applicant :DEPARTMENT OF INFORMATION TECHNOLOGY, MINISTRY OF COMMUNICATION AND
(51) International classification	:C09D1/00	INFORMATION TECHNOLOGY, GOVERNMENT OF INDIA,
(31) Priority Document No	:NA	ELECTRONICS NIKETAN, 6, CGO COMPLEX, LODHI
(32) Priority Date	:NA	ROAD, NEW DELHI 110 003, INDIA.
(33) Name of priority country	:NA	2)EXECUTIVE DIRECTOR, CENTRE FOR MATERIALS
(86) International Application No	:NA	FOR ELECTRONICS TECHNOLOGY(C-MET)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)KALE BHARAT
(61) Patent of Addition to Application Number	:NA	2)KULKARNI MILIND
Filing Date	:NA	3)PANMAND RAJENDRA
(62) Divisional to Application Number	:NA	4)KAWADE UJJWALA
Filing Date	:NA	5)APTE SANJAY
		6)NAIK SONALI
		7)AMBEKAR JALINDER
		8)AMLANERKAR DINESH
		9)KRISHNA KUMAR
		10)CHATTERJEE SANDEEP

(57) Abstract :

The present invention relates to a lead free silica glass nanocomposite; said naocomposite comprising SiO₂ in an amount of about 50 to 60 % of the mass of the composition; Na₂O in an amount of about 3 to 6 % of the mass of the composition; ZnO in an amount of about 4 to 8 % of the mass of the composition; B₂O₃ in an amount of about 2 to 4 % of the mass of the composition; TiO₂ in an amount of about 1 to 2 % of the mass of the composition; BaO in an amount of about 3 to 6 % of the mass of the composition; K₂O in an amount of about 8 to 16 % of the mass of the composition; and Bi₂S₃ in an amount of about 0.1 to 0.5 % of the mass of the composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1707/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :24/07/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD OF DATA COMMUNICATION USING FCT-DMA (FREQUENCY, CODE, TIME DIVISION MULTIPLE ACCESS BASED SPECTRUM UTILIZATION)

(51) International classification	:H04L9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

Address of Applicant :POWAI, MUMBAI 400076,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)DESAI U.B.

2)MERCHANT S.N.

3)DEY BIKASH

4)MERUGU DEEPAK

5)PATNI NISHANT

6)ARORA KANIK

7)ABHIRAM P

8)THUMAR VINAYKUMAR M

(57) Abstract :

The invention relates to a method of wired or wireless data communication by multiple users using frequency, code, time division multiple access (FCT-DMA) for spectrum utilization by traversing modulated signals through independent paths by allocation on cuboid slots of a spatial 3-dimensional grid mapped within the spectrum and represented by a frequency slots on a frequency f axis, unique codes on code c axis m and time slots on a time t axis. The user input data signals are modulated through a digital modulator means by one or more transmitter means. The modulated data is uniquely code and spread by a code generator means. The modulated coded and spreaded data, is modulated in a specific frequency channel on carriers, by FDM or OFDM blocks, and transmitted in the allocated time slot. One or more receiver means receive, filter and extract signal from the frequency slot of the user in the same time slot, and subsequently decode and despread the signals using the same code, and demodulate to retrieve the same data. A nodal control means co-ordinates and communicates between transmitter means and receiver means and controls cuboid slots in the grid on cuboid slot allocation for user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.172/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :22/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : SECONDARY ISOLATING CONTACT ASSEMBLY FOR CIRCUIT BREAKER

(51) International classification	:H01H9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	P.O. BOX NO. 278, MUMBAI, 400 001, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DINESH RAMESH KANNADKAR
(61) Patent of Addition to Application Number	:NA	2)RAJESH S. LONDE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a wedge type secondary isolating contacts in circuit breakers. According to one embodiment, a wedge type secondary isolating contact assembly for circuit breaker comprises a breaker side secondary isolating contact assembly provided with a jaw shaped female type contact and connected to a cradle side secondary isolating contact assembly having a blade shaped male type contact. The blade shaped male type contact is inserted into the jaw shaped female type contact to form a wedge shaped dual type contact system.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.174/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :22/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A MECHANICAL MANIPULATOR ARM

(51) International classification	:B25J18/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :POWAI, MUMBAI 400076,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMARNATH CHITTA
(87) International Publication No	:N/A	2)SETH BHARAT
(61) Patent of Addition to Application Number	:NA	3)GUHA ANIRBAN
Filing Date	:NA	4)KHARADE ABHAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanical manipulator arm. The manipulator arm (1A) comprises a first parallelogram linkage (2) comprising a pair of first long links (AB, CD) and a pair of first short links (AD, BC) joined together with revolute joints (3, 4, 5,6). Short link (AD) is mounted on a base (7) and short link (BC) is having a first extended straight portion (CH) at one end thereof and a second extended straight portion (BJ) at the other end thereof. A second parallelogram linkage (8) is disposed at the extended straight portion (CH) at right angle thereto. The second parallelogram linkage comprises a pair of second long links (EF) and a pair of second short links (GH) joined together with revolute joints (9, 10, 11, 12). Short link (EH) constitutes a right angled projection projecting upwardly from the extended straight portion (CH). An end effector (13) is mounted to the short link (FG). A first linear actuator (14) is having its one end mounted on the said base together with long link (AB) with a common revolute joint (3) and the other end connected to the second extended straight portion (BJ) by a revolute joint (15). A second linear actuator (16) is having its one end connected by a revolute joint (17) to a perpendicular protrusion (EL) protruding upwardly from long link (EF) disposed remote from the extended straight portion (CH) and the other end connected by a revolute joint (18) to a perpendicular projection (19) projecting upwardly from the extended straight portion (BJ).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.177/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :22/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : DRUG-ELUTING INSERTABLE MEDICAL DEVICE FOR TREATING ACUTE MYOCARDIAL INFARCTION, THROMBUS CONTAINING LESIONS AND SAPHENOUS-VEIN GRAFT LESIONS

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CONCEPT MEDICAL RESEARCH PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :1-3, SILVER PALM II, NEAR SNEH
(33) Name of priority country	:NA	MILAN GARDEN, KADAMPALLI, NANPURA, SURAT
(86) International Application No	:NA	395001 Gujarat India
Filing Date	:NA	2)ENVISION SCIENTIFIC PRIVATE LIMITED
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DOSHI, MANISH
Filing Date	:NA	2)SHERDIWALA, DIVYESH
(62) Divisional to Application Number	:NA	3)SOJITRA, PRAKASH
Filing Date	:NA	

(57) Abstract :

A method for delivering at least one drug at a target site in a blood vessel for treating at least one of an acute myocardial infarction, a thrombus containing lesion and a saphenous-vein graft lesion is disclosed. The method includes delivering nano-carriers at the target site. The nano-carriers include one or more drugs encapsulated with a first biological agent. The nano-carriers further include a second biological agent in contact with one or more of the first biological agent and the one or more drugs. The first biological agent and the second biological agent have a first dissolution rate and a second dissolution rate respectively. The first dissolution rate is different from the second dissolution rate. The one or more drugs are released at the target site from the nano-carriers at a first release rate and a second release rate in response to dissolution of the first biological agent and the second biological agent, respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.179/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :22/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A NOVEL APPARATUS FOR CELL LYSIS

(51) International classification	:A61B10/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. KRISHNACHARYA G. AKAMANCHI.
(32) Priority Date	:NA	Address of Applicant :INSTITUTE OF CHEMICAL
(33) Name of priority country	:NA	TECHNOLOGY, MATUNGA, MUMBAI- 400 019 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)KRISHNACHARYA G. AKAMANCHI
(61) Patent of Addition to Application Number	:NA	2)PUSHKAR M. KULKARNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus of mechanical cell lysis where cells are subjected to high-pressure extrusion to bring biological samples such as microorganisms or animal cells or fragments of plant to bring into a dispersed/disintegrated state. The invention is an apparatus consisting of a single/multiple station piston-plunger arrangement made of any pressure, corrosion resistant material, the output of which is controlled by a novel relief valve which dispenses the contents automatically when the desired pressure is reached. The relief valve regulates the pressure depending upon the spring used. Spring of desired spring constant gives higher flexibility with high precision. The device with its novel relief valve provides more safety and clean and mild process for cell lysis.

No. of Pages : 7 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1804/MUMNP/2008 A

(19) INDIA

(22) Date of filing of Application :21/08/2008

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN APPARATUS FOR PROCESSING GRAPHIC DATA

(51) International classification :G06F17/00
(31) Priority Document No :sxz
(32) Priority Date :07/07/2007
(33) Name of priority country :Argentina
(86) International Application No :PCT/KR2004/001761
Filing Date :15/07/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :959/MUMNP/2005
Filed on :29/08/2005

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Korea Republic of Korea
(72)Name of Inventor :
1)JUNG, Kil-Soo
2)MOON, Seong-Jin

(57) Abstract :

An Information storage medium including graphic data and presentation information, and an apparatus and method of processing the graphic data are provided. The information storage medium includes the graphic data, page composition information which defines page composition of the graphic data, and the presentation information indicating when graphic screen data, which is composed with reference to the page composition information of the graphic data, is output to a display screen. Therefore, a graphic object is reusable in graphic data processing, and accordingly, a time taken to process the graphic data is reducible and memory area may be saved.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.181/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A CHEMICAL METHOD FOR DEPOSITION OF NANOCRYSTALLINE TIN OXIDE THIN FILM SUPERCAPACITOR ELECTRODE

(51) International classification	:C03C17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
(32) Priority Date	:NA	Address of Applicant :THIN FILM PHYSICS
(33) Name of priority country	:NA	LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI
(86) International Application No	:NA	UNIVERSITY, KOLHAPUR, 416 004 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PROF CHANDRAKANT DNYANDEV LOKHANDE
(61) Patent of Addition to Application Number	:NA	2)MISS. SWATI NARAYAN PUSAWALE
Filing Date	:NA	3)DR. JAYAVANT LAXMAN GUNJAKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present investigation is related to the deposition of nanocrystalline tin oxide thin films by novel chemical deposition method on low cost stainless steel substrate. This chemical method is relatively simple, inexpensive and convenient for deposition of tin oxide thin films. As confirmed from X-ray diffraction, scanning electron microscopy and FT-IR techniques the films were nanocrystalline, having cracked - mud like morphology with the presence of characteristic Sn-O bonding at 550 cm⁻¹. Surface wettability studies showed the films are hydrophilic in nature. The electrochemical properties of deposited tin oxide thin films were tested using cyclic voltammetry technique. Using tin oxide thin film electrode supercapacitor formed in aqueous 2 M NaOH electrolyte showed a specific capacitance of 25 Fg⁻¹ at the scan rate of 10 mVs⁻¹.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.184/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : FIXTURE & METHOD FOR BUSH PRESSING & CAULKING OPERATION IN GEAR BOX

(51) International classification :B23P19/00,F16F1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TATA MOTORS LIMITED
Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(72)Name of Inventor :
1)VAIJ SANJAY YASHAWANT

(57) Abstract :

A fixture for bush pressing and caulking operation in gear box comprising an upper half and a lower half guided by pillar and bush, a pressing and a caulking dolly mounted with upper half in such a way that pressing dolly is mounted at front side and caulking dolly is mounted at the back side, two locations for pressing and caulking operation are created in a single rotary plate on the lower half and at each location one spring loaded locator is provided to locate the gear. Method for bush pressing and caulking operation in gear box comprising steps such as the fixture is mounted on table of hydraulic press, the gear is placed on the frontal location and the bush is located in the corresponding dolly and pressed in the gear, the rotary plate is turned 180° and to achieve the perfection in turning 180° stoppers are provided along with the magnet and detent pin, the second location comes to front side and the same process as describe above, while pressing the bush in this gear at front side, the earlier gear is caulked at another location at back side and then the rotary table is turned 180° in reverse direction and the caulked gear is replaced by the new gear.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1857/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :24/09/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF HUMAN TISSUE TYPE PLASMINOGEN ACTIVATOR

(51) International classification	:C12N9/72	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE LIFE SCIENCES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :DHIRUBHAI AMBANI SCIENCES
(33) Name of priority country	:NA	CENTRE, R-282, TTC AREA OF MIDE, THANE BELAPUR
(86) International Application No	:NA	ROAD, RABALE, NAVI MUMBAI Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUDIP KUMAR MAJUMDER
(61) Patent of Addition to Application Number	:NA	2)GITA ARVIND
Filing Date	:NA	3)BHAVESH SAXENA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an efficient and improved process for purifying a recombinant protein. The invention relates to the purification of tissue plasminogen activator (tPA), such as truncated human tPA, recombinantly produced in bacteria, for example in E. coll. The present invention provides a process that requires less refolding volume after solubilization of inclusion bodies isolated from cells expressing the recombinant tPA, without affecting the yield and purity of the tPA protein. The invention also provides optimum arginine concentrations for use during protein refolding and during ion exchange chromatography.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.188/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : APPARATUS FOR MINIMIZING MUSCLE PAIN BY DETECTION OF ABNORMAL SIGNALS FROM EMG

(51) International classification

:A61B1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PATIL TUSHAR

Address of Applicant :NEAR GOPAL MANTRI HOUSE,
SAPNA NAGAR, BEHIND TECHNICAL HIGH SCHOOL,
BHUSAWAL 425201, JALGAON, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)PATIL TUSHAR

(57) Abstract :

According to this invention there is provided a system and procedure adapted to process the signal for abnormal muscles to relate the pain and other abnormalities, which gives the opposite strength of contraction and relaxation for abnormal muscles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/MUMNP/2008 A

(19) INDIA

(22) Date of filing of Application :02/09/2008

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR RECORDING DATA ON A WRITE ONCE DISC AND WRITE ONCE DISC TEHREFOR

(51) International classification :G06F12/00
(31) Priority Document No :152
(32) Priority Date :07/07/2007
(33) Name of priority country :Argentina
(86) International Application No :PCT/KR2005/000377
Filing Date :07/02/2005
(87) International Publication No :WO 2005/078725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :986/MUMNP/2006
Filed on :22/08/2006

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :416 Maetan dong Yeongtong fu
Suwon si Gyeonggi do 442 742. Republic of Korea
(72)Name of Inventor :
1)HWANG, Sung-Hee
2)KO, Jung-Wan

(57) Abstract :

A method of recording, and an apparatus to record, data on a write-once disc, and the write-once disc used with the method and apparatus. The write-once disc includes a plurality of update areas in which to record a predetermined type of updated information, at least one main access information area (AIA) in which to record main access information (AI), the AI indicating a final update area in which finally updated information is recorded, among the plurality of update areas, and at least one sub AIA in which to record sub AI, the sub AI indicating a location of the finally updated information recorded in the final update area.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.191/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF DEXTROMETHORPHAN AND ITS SALTS THEREOF

(51) International classification	:A61K31/435	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WOCKHARDT RESEARCH CENTRE
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC INDUSTRIAL AREA
(33) Name of priority country	:NA	CHIKALTHANA AURANGABAD - 431210 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vikas Chandra Rai
(87) International Publication No	: NA	2)Pankaj Kumar Naithani
(61) Patent of Addition to Application Number	:NA	3)Arvind Yekanathsa Merwade
Filing Date	:NA	4)Keshav Deo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of preparation of Dextromethorphan and its salts thereof. The process involves the deformylation of N-Formyl-3-methoxymorphinan in presence of base followed by methylating 3-methoxymorphinan to yield Dextromethorphan and subsequently its conversion to pharmaceutically accepted salt. The process is very economical, eco-friendly, free from use of hazardous, costly reagent and easily scalable at industrial scale.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.197/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN ADVERTISING SYSTEM

(51) International classification

:G06F17/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AVANTI SHRIRAM JOSHI

Address of Applicant :A101, PADMAVILAS
APARTMENTS, 131/1, BANER PASHAN LINK ROAD,
PASHAN, PUNE 411021, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)AVANTI SHRIRAM JOSHI

(57) Abstract :

The invention consist of a method of advertising on network enabled user device comprising the steps of extracting the contents in response to the user action of entering the contents on the user device or in response to receive of any content in any form from input peripherals and in response to data pushed or transferred from to output peripherals; identifying and extracting alpha numeric characters from the extracted contents; storing alpha numeric characters in a memory of the user device; forming meaningful keywords out of alpha numeric characters; randomizing the keywords; sending said keywords to the server over network; pulling the advertisement contents from the advertisement server based on said keywords sent to the server and storing the pulled advertisements in memory of the user device; receiving attributes for advertisements to be displayed on the user device and displaying said advertisements according to said attributes on the main or separate screen of the user device. The invention further consists of a system for displaying advertisements on the user device comprising a network to establish a communication link to a communication network enabled. advertisement server and an advertising module on the user device wherein said advertising module is adopted to perform the steps of the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.209/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : APPARATUS FOR SORTING OF POLYVINYL CHLORIDE CONTAMINANTS AS PART OF POLYETHYLENE TERAPHTHALATE RECYCLING

(51) International classification	:C08K3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :RELIANCE INDUSTRIES LTD
(33) Name of priority country	:NA	RELIANCE TECHNOLOGY GROUP, RELIANCE
(86) International Application No	:NA	CORPORATE PARK, BLDG 7B GR FLOOR, GHANSOLI,
Filing Date	:NA	THANE-BELAPUR ROAD, NAVI MUMBAI - 400701,
(87) International Publication No	:N/A	MAHARASHTRA, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UDAY SHANKAR AGARWAL
(62) Divisional to Application Number	:NA	2)AMIT KRISHNA KELKAR
Filing Date	:NA	3)PRASAD SURESH UPASANI

(57) Abstract :

An apparatus for sorting of polyvinyl chloride articles amongst a mixed feed of plastic articles is disclosed. The apparatus comprises assembly of a static, transparent surface juxtaposed above source of polarized light in operative association with input means for mixed plastic feed and output means for sorted plastic. Also elaborated are design aspects of the present invention which allow fine control over rate and throughput of the sorting process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2093/MUMNP/2008 A

(19) INDIA

(22) Date of filing of Application :30/09/2008

(43) Publication Date : 10/02/2012

(54) Title of the invention : ORALLY DISINTEGRATING TABLETS

(51) International classification	:A61K9/00
(31) Priority Document No	:498/MUM/2008
(32) Priority Date	:31/03/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2007/000138
Filing Date	:30/03/2007
(87) International Publication No	:WO2007/113856A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RUBICON RESEARCH PRIVATE LIMITED
Address of Applicant :221, ANNEXE BUILDING,
GOREGAON-MULUND LINK ROAD, OPPOSITE INDIRA
CONTAINER YARD, OFF LBS MARG, BHANDUP (W)
Maharashtra India
(72)**Name of Inventor :**
1)PILGAONKAR PRATIBHA S
2)RUSTOMJEE MAHARUKH T
3)GANDHI ANILKUMAR S
4)BAGDE PRADNYA
5)MORVEKAR HETAL N

(57) Abstract :

A directly compressible composite for an orally disintegrating tablet comprising at least one water-soluble excipient and calcium silicate prepared by co-processing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.211/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : 'SOLAR WATER HEATING SYSTEM'

(51) International classification	:F24D19/00,F24J2/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)MR. AKOLE MANGAL DAMODAR

Address of Applicant : 'VATSALA-DAMODAR', 42/1
SAHAJANAND SOCIETY, KOTHRUD, PUNE-411 038
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. AKOLE MANGAL DAMODAR

(57) Abstract :

The present invention provides solar water heating system. The system includes an array of solar collectors having an inlet pipe supplying cold water to the array of solar collectors and an outlet pipe for carrying hot water from the array of solar collectors at a pre-set temperature. Further, the system includes a buffer tank for storing the hot water received from the array of the solar collectors having the preset temperature. The buffer tank has a flow controller configured on an outlet pipe thereof. Furthermore, the system includes a plurality of storage tanks. Each storage tank of the plurality of storage tank is capable of receiving a predetermined quantity of the hot water from the buffer tank. Moreover the system includes a PLC for controlling the flow hot water from the buffer tank to each of storage tank of the plurality of storage tank sequentially.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.214/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PLANTS ALSO HAVE SENSE ORGANS

(51) International classification	:A01H5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANTOSH KUMAR MASKE
(32) Priority Date	:NA	Address of Applicant :K-4, FORTUNE ENCLAVE KOLAR
(33) Name of priority country	:NA	ROAD, BHOPAL (M.P.) PIN CODE 462042 Madhya Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SANTOSH KUMAR MASKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Till now, as per various science books, the plants do not have any sense organ. But in my opinion, the plants also have sense organs. Because in plants like Venus Fly Trap and Pitcher Plant we have seen that when the insect comes inside the halves of leaves of the above plant the halve of the leaves gets closed and the insect Is thus trapped. And due to the run out of the oxygen in the insect, the life comes to end and after this the dead body of the insect is used by the plant as its food. It is possible only when the plants have sense organs because without the presence of the sense organ the above event could not have been happened, Firstly, the Venus Fly Trap and Pitcher Plant allows the insect to come inside the halves of the leave and after coming of the in.sect inside the halve of the leaves, then with the application of mind the plaint closes its halves and thus the insect gets trapped where due to the run out of the oxygen the life of the insect comes to end and after this the plant with its system sends the message to eat the dead body of the insect as the food is ready to do so. This proves that plants also have sense organ. I have many other reasons to prove my concept that plants also have sense organs. Key Words 1. Plants 2. Sense Organ 3. Venus Fly Trap and Pitcher Plant 4. Halves of leaves 5. Insect

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.221/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS OF PREPARATION OF TOLTERODINE HYDROCHLORIDE

(51) International classification	:C07C213/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Wockhardt Research Centre
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC INDUSTRIAL AREA
(33) Name of priority country	:NA	CHIKALTHANA AURANGABAD - 431210 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Zakir Gafoor Shaikh
(87) International Publication No	: NA	2)Ramprasad Yadav
(61) Patent of Addition to Application Number	:NA	3)Arvind Yekanathsa Merwade
Filing Date	:NA	4)Keshav Deo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to process of preparation of Tolterodine hydrochloride. The process involves the preparation of tolterodine hydrochloride having purity more than 98.5% in halogenated solvent and subsequent its conversion into tolterodine tartrate having purity 99.9% when measured by HPLC.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.224/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF AMORPHOUS, ANHYDROUS CRYSTALLINE AND HYDRATED CRYSTALLINE FORM OF DOCETAXEL

(51) International classification :C07D305/14
(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)GLADE ORGANICS PRIVATE LIMITED
Address of Applicant :19 CRYSTAL 1st FLOOR JUHU
ROAD SANTACRUZ WEST MUMBAI-400 054 Maharashtra
India
(72)Name of Inventor :
1)AGARWAL Shiv Kumar
2)GORE Amol Sitaram
3)BALTE Anup Satish
4)BELWAL Chandra Kant
5)VARDHAN Anand

(57) Abstract :

Disclosed herein an improved processes for preparing an amorphous and crystalline forms of 4-acetoxy-2 \pm -benzoyloxy-5 $\hat{1}^2$,20-epoxy-1 $\hat{1}^2$,7 $\hat{1}^2$,10 $\hat{1}^2$ -trihydroxy-9-oxo-11-taxen-13 $\hat{1}^2$ -yl(2r,3s)-3-tert-butoxycarbonylamino-3-phenyl-2-hydroxypropionate

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.227/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF GABAPENTIN AND INTERMEDIATES THEREOF

(51) International classification

:C07C51/00

(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)WANBURY LIMITED

Address of Applicant :B-WING, 10TH FLOOR, BSEL TECH PARK, SECTOR 30 A, PLOT NO.39/5 & 39/5A, OPP. VASHI RAILWAY STATION, NAVI- MUMBAI- 400 703, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)SANGANABHATLA, SHANKAR

2)KULKARNI, GURUPRASAD MANOHAR

3)NADIKUDRU, SATISH KUMAR

4)BHUTE, RAMESH BHIKA

5)PATIL, DEVIDAS BARKU

6)DOMMETI, RANJIT KUMAR

(57) Abstract :

The present invention discloses a novel process for the manufacture of Gabapentin in high yield through a novel 1-imidine-cyclohexaneaceticacid/ester intermediates of Formula 3 & 8 or iminoether of formula 9 or 10 which on hydrogenation yields Gabapentin. The process also describes the catalytic hydrogenation of calcium/ammonium salt of 1-cyano-cyclohexaneaceticacid to yield Gabapentin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.228/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : HUMAN POWERED ECO FRIENDLY DRIVE ASSEMBLY WITH PNEUMATIC ASSISTANCE FOR VEHICLES

(51) International classification	:B62M3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KUTTAPPASSERY, DONY JOHN
(32) Priority Date	:NA	Address of Applicant :A-102, AKSHAR MAHOL, UNITED
(33) Name of priority country	:NA	COMPLEX, EVERSHINE CITY, VASAI(EAST), THANE
(86) International Application No	:NA	DIST.-401 208, MAHARASHTRA, INDIA.
Filing Date	:NA	2)DONY, LILLYKUTTY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KUTTAPPASSERY, DONY JOHN
Filing Date	:NA	2)DONY, LILLYKUTTY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an eco-friendly pneumatic assisted human powered drive assembly for 3 wheel and 4 wheel cycles, which creates compressed air pressure for pneumatic assistance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/01/2010

(21) Application No.230/MUM/2010 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM FOR WELDING

(51) International classification	:B23K11/11	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADITYA BIRLA SCIENCE AND TECHNOLOGY
(32) Priority Date	:NA	COMPANY LIMITED
(33) Name of priority country	:NA	Address of Applicant :ADITYA BIRLA CENTRE, 2ND
(86) International Application No	:NA	FLOOR, C WING, S.K. AHIRE MARG, WORLI, MUMBAI-
Filing Date	:NA	400025, MAHARASHTRA, INDIA.
(87) International Publication No	: NA	2)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIVASTAVA, VIVEK
(62) Divisional to Application Number	:NA	2)DE AMITAVA
Filing Date	:NA	

(57) Abstract :

The present invention envisages an electrically conductive coating which aids in resistance spot welding of aluminum sheets and galvanized steel sheets. The electrically conductive coating comprises a non-metallic component selected from carbon black, carbon black feedstock, graphite, an ionic substance, or a mixture of ionic substances, in a proportion greater than 95 %, in a form selected from a colloidal, powder, film, slurry, suspension or liquid. The electrically conductive coating has a thickness between 10 -1000 microns and an electrical resistivity between 10-50 micro-ohms-meter which provides a decreased contact resistance between the work-piece and the electrode, thereby, preventing the electrode tip from fouling and increasing the electrode service life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.233/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : BUFFER DEVICE PROVIDING RELIABLE BUFFER EFFECT

(51) International classification	:B65D81/05
(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)GWO SHI PACKING CO., LTD.
Address of Applicant :NO.92, LN. 131, HAIPU RD.,
HSINCHU CITY 300, R.O.C. Taiwan
(72)**Name of Inventor :**
1)SHENG-HSI KUO

(57) Abstract :

A buffer device providing reliable buffer effect includes a channel-shaped buffer member and at least one first reinforcing tubular member. The channel-shaped buffer member is a substantially U-sectioned hollow member and includes two facing inner sidewalls, two opposing outer sidewalls, an inner bottom wall, two outer top walls and an outer bottom wall to enclose a third buffer space therein. The first reinforcing tubular member is received in the third buffer space and encloses a first buffer space therein. The first reinforcing tubular member includes at least one normal-direction supporting wall extended between and pressed against the inner and outer bottom walls and provided with at least one second curved buffer section. The normal-direction supporting wall and the second curved buffer section thereof not only give the channel-shaped buffer member an increased normal-direction supporting strength, but also buffer impact force and compressing force applied normal to the outer bottom wall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.235/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM AND METHOD OF AUTHENTICATING A SCANNED DOCUMENT

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ICICI Bank Limited
(32) Priority Date	:NA	Address of Applicant :ICICI Bank Towers Bandra Kurla
(33) Name of priority country	:NA	Complex Bandra (East) Mumbai MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAMAT Mahesh
(87) International Publication No	: NA	2)BAJAJ Anand
(61) Patent of Addition to Application Number	:NA	3)JUNEJA Kamaljeet
Filing Date	:NA	4)JAIN Mukesh Kumar
(62) Divisional to Application Number	:NA	5)S Dhamodaran
Filing Date	:NA	6)JUNEJA Maninder

(57) Abstract :

System and Method for Authenticating a Scanned Document System and method for authenticating a document by identifying and verifying a hologram/watermark/logo on the document is described. The system and mediod comprises of capturing an image of the document and verifying the captured image through Hologram/watermark means to confirm presence or absence of hologram or watermark and if desired checking the confidence level of the verified results. The system and mediod also verifies other parameters like placement of the UV logo, the glow and wavelength of UV ink etc. : Additionally,the system and method detects the variation automatically and identifies the tempered UV characters on the basis of above mentioned parameters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.237/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/02/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : RASAGILINE MESYLATE HAVING LARGE PARTICLE SIZE AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07C209/84
(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)ALKEM LABORATORIES LTD.
Address of Applicant :DEVASHISH, ALKEM HOUSE,
SENAPATI BAPAT MARG, LOWER PAREL, MUMBAI 400
013 MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)KUPPUSWAMY NAGARAJAN
2)RAJIV KUMAR
3)DHARMESH KUMAR ARVINDBHAI PATEL
4)JAMAN MANDAVIYA

(57) Abstract :

The present invention provides particulate rasagiline mesylate having a particle size of about 255 microns to about 590 microns. Particularly it relates to a process of preparing rasagiline mesylate having large particle size by crystallisation techniques and devoid of comminution techniques to control particle size.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.238/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/02/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN ARRANGEMENT FOR PROTECTION OF FIREWALL STRUCTURE OF A VEHICLE

(51) International classification	:B62D 21/00	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(32) Priority Date	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MS. POOJA DWIVEDI
(87) International Publication No	: NA	2)MS. SUJITH CHALIPAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

For a vehicle, additional brackets are provided on the firewall from outer side such that in event of the vehicle impact against the rigid barrier, these brackets will interact with the impacting barrier & prevent the firewall from contacting the impacting rigid barrier. Further these brackets are also connected to the floor long members so that the impact forces are directed to them. With these provisions, the harmful intrusions of the firewall in a cabin are reduced which will enhance the occupant safety.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.242/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : RASAGILINE SALTS AND PROCESSES FOR THE PREPARATION THEREOF

(51) International classification	:A61K31/135
(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)GLENMARK GENERICS LIMITED

Address of Applicant :GLENMARK HOUSE, HDO -
CORPORATE BLDG, WING -A.B.D.SAWANT MARG,
CHAKALA, ANDHERI(EAST), MUMBAI - 400 099
Maharashtra India

(72)Name of Inventor :

1)SUNIL SUDHAKAR ZOPE

2)SHEKHAR ASHOK DESHMUKH

3)LAXMIKANT MADHUKAR KELKAR

4)MILIND MORESHWAR GHARPURE

5)JOSEPH PRABAHAR KOILPILLAI

(57) Abstract :

The present invention relates to crystalline salts of rasagiline and processes for the preparation thereof. The invention also relates to pharmaceutical compositions comprising the same.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.243/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AMORPHOUS ESOMEPRAZOLE

(51) International classification	:C07D401/12
(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)GLENMARK GENERICS LIMITED

Address of Applicant :GLENMARK HOUSE, HDO -
CORPORATE BLDG, WING -A,B.D.SAWANT MARG,
CHAKALA, ANDHERI(EAST), MUMBAI - 400 099
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)JOSEPH PRABAHAR KOILPILLAI

2)HEMANT NIMBA RAUNDAL

3)NAGAN NIRMALAN KANDASAMY

4)HIEMATH VEERABHADRA SWAMY

(57) Abstract :

The present invention relates to a process for the preparation of esomeprazole in amorphous form by spray drying.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2538/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : UNPREPARED CABLE END COAXIAL CONNECTOR

(51) International classification :H01R 9/05
(31) Priority Document No :61/184,573
(32) Priority Date :05/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037512
Filing Date :04/06/2010
(87) International Publication No :WO/2010/141898
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ANDREW LLC
Address of Applicant :1100 Commscope Place Se Hickory
North Carolina 28602 United States of America
(72)Name of Inventor :
1)Nahid ISLAM
2)AI COX

(57) Abstract :

A coaxial connector provided with an increasing diameter compression sidewall A grip ring is seated within the coupling body bore and is provided with a plurality of coupling spring fingers extending from the grip ring. An inner diameter of the coupling spring fingers has a grip surface and an inward projecting cable stop is provided at a connector end of the grip ring. The connector body and the coupling body are coupled together via threads the grip ring dimensioned for axial advancement of the coupling body along the threads to drive the coupling spring fingers against the compression sidewall to exert a compression force radially inward upon the outer diameter of the outer conductor seated in the coupling body bore abutting the cable stop.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2531/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : POSITIONING OF A WIRELESS DEVICE SERVED BY A FEMTO CELL&NBSP; USING THE FEMTO CELL IDENTIFIER AND LOCATION

(51) International classification	:H04W 64/00
(31) Priority Document No	:61/180,511
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035794
Filing Date	:21/05/2010
(87) International Publication No	:WO/2010/135657
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)**Name of Inventor :**
1)BURROUGHS Kirk Allan

(57) Abstract :

Techniques for supporting positioning are described. In an aspect positioning of mobile stations served by femto cells may be supported by having the femto cells transmit at least one identity used to differentiate the femto cells from other cells/sectors in a wireless network. The at least one identity may also convey certain information for the femto cells which may be pertinent for positioning of the mobile stations. In one design a femto cell may send the at least one identity assigned to the femto cell and the location of the femto cell to mobile stations as an aid for positioning. A mobile station may receive and forward the least one identity and the location of the femto cell to a location server. The mobile station and the location server may then perform positioning based on the at least one identity and the location of the femto cell.

No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR DESULFURIZING HOT METAL

(51) International classification :C21C 1/02
(31) Priority Document No :2009-155148
(32) Priority Date :30/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061366
Filing Date :29/06/2010
(87) International Publication No :WO/2011/002094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JFE STEEL CORPORATION
Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan.
(72)Name of Inventor :
1)KIKUCHI Naoki
2)KOIZUMI Masaki
3)YAMAUCHI Takashi
4)MATSUDA Takehito
5)KISHIMOTO Yasuo
6)IWASA Maki
7)NAKAI Yoshie

(57) Abstract :

Provided is a method of desulfurization of molten iron by means of a mechanical stirring type of desulfurization apparatus equipped with an impeller. The desulfurization treatment is conducted by blasting a CaO-based desulfurization agent having a particle size of 30-400 μm in diameter with a carrier gas through a top lance onto the surface of the impeller-stirred molten iron bath. Thereby, the desulfurization agent can be added at a high addition efficiency without causing aggregation of the added desulfurization agent. Thus the desulfurization can be conducted stably at a high efficiency.

No. of Pages : 44 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.254/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : COMPOSITE MATERIAL FOR CONTACT SYSTEM IN SWITCHING DEVICE

(51) International classification	:B22D19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	P.O. BOX NO. 278, MUMBAI, 400 001, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJESH KUMAR PANDA
(61) Patent of Addition to Application Number	:NA	2)MANISH KUMAR BARUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a composite contact material for contact system which exhibits both diamagnetism and ferromagnetism. The composite contact material comprises a first layer of an alloy material, a second layer of a diamagnetic material, a third layer of a ferromagnetic material and a fourth layer of the alloy material. The Composite contact material when used as a moving contact for switching device exhibits higher delayed repulsion force during overload conditions. The composite contact material is malleable and ductile material which can be slit into strips wires or rod form.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : CLAMP AND GRIP COAXIAL CONNECTOR

(51) International classification :H01R 9/05
(31) Priority Document No :61/184,573
(32) Priority Date :05/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037491
Filing Date :04/06/2010
(87) International Publication No :WO/2010/141880
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ANDREW LLC

Address of Applicant :1100 Commscope Place Se Hickory
North Carolina 28602 United States of America

(72)Name of Inventor :

1)Nahid ISLAM

(57) Abstract :

A coaxial connector with a connector body is provided with a connector body bore. An annular coupling groove is provided in the connector body bore open to a cable end of the connector body. A clamp sidewall of the coupling groove is angled inward from a bottom of the coupling groove. A slip ring seated within the coupling body bore is provided with a grip surface. An annular compression body is positioned between the slip ring and the clamp sidewall. The connector body and the coupling body are coupled together via threads. The slip ring is dimensioned for axial advance of the coupling body along the threads to exert a compression force against the compression body to clamp a leading edge of the outer conductor between the compression body and the clamp sidewall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2535/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : SLIP RING CONTACT COAXIAL CONNECTOR

(51) International classification :H01R 9/05
(31) Priority Document No :61/184,573
(32) Priority Date :05/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037521
Filing Date :04/06/2010
(87) International Publication No :WO/2010/141905
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ANDREW LLC

Address of Applicant :1100 Commscope Place Se Hickory
North Carolina 28602 United States of America

(72)Name of Inventor :

1)Nahid ISLAM

2)AI COX

(57) Abstract :

A coaxial connector with a connector body is provided with a connector body bore. An annular coupling groove is provided in the connector body bore open to a cable end of the connector body. A clamp sidewall of the coupling groove is angled inward from a bottom of the coupling groove. A slip ring seated within the coupling body bore is provided with a grip surface. An annular compression body is positioned between the slip ring and a compression surface of the coupling body. The connector body and the coupling body are coupled together via threads. The slip ring is dimensioned for axial advancement of the coupling body along the threads to exert a compression force against the compression body to clamp a leading edge of the outer conductor between the slip ring and the clamp sidewall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2540/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHODS AND APPARATUS FOR NETWORK CONTROLLED MOBILE IP FLOW MOVEMENT

(51) International classification :H04W60/00
(31) Priority Document No :61/060,075
(32) Priority Date :09/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/046517
Filing Date :05/06/2009
(87) International Publication No :WO/2009/152059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego CA 92121- 17124 United States of America
(72)Name of Inventor :
1)TSIRTSIS Georgios
2)AHMAVAARA Kalle
3)JIN Haipeng
4)GIARETTA Gerardo

(57) Abstract :

Methods and apparatus for network controlled mobile IP flow movement. An infrastructure node, such as a home agent, signals a mapping between care-of-addresses (CoAs) and flows to be transmitted from a mobile device in uplink communications. The CoA associated with each flow is determined from network, device, and/or flow information. A mobile node or mobile gateway receives the mapping and updates its local policy information. When a selected flow is to be transmitted in an uplink transmission, the local policy information is used to determine the CoA associated with the selected flow. The CoA is then used to determine an access network (or access path) on which the uplink transmission of the selected flow is to occur.

No. of Pages : 31 No. of Claims : 48

(54) Title of the invention : PROBIOTIC ASSISTED EFFECTIVE COMPOSITION FOR DELIVERY OF DRUGS TO THE COLON BY ORAL ROUTE

(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)GHOSH PRASANTA KUMAR**

Address of Applicant :KEE-GAD BIOGEN PVT LTD.,
 C/O.B.R. NAHATA COLLEGE OF PHARMACY, P.B. 06,
 MHOW NEEMUCH ROAD, MANDSAUR, MP-458 001.
 Madhya Pradesh India

2)GUPTA VIPIN BIHARI**3)RATHORE MAHENDRA SINGH****4)GONDALIYA BHAVIK****(72)Name of Inventor :****1)GHOSH PRASANTA KUMAR****2)GUPTA VIPIN BIHARI****3)RATHORE MAHENDRA SINGH****4)GONDALIYA BHAVIK****(57) Abstract :**

Colon specific drug delivery via oral route faces several challenges. The drug must neither be absorbed from upper GIT nor be degraded in small intestine lumen. To serve the purpose desired dosage form prevents drug release in the upper GIT and deliver maximum drug content in the colon. Biodegradable polymer (carbohydrate) based drug delivery approach seems quite promising in delivering the drug to colon. Polysaccharides arriving from small intestine are the main source of nourishment for microflora in the colon. The ability of colon microflora to degrade, polysaccharides such as pectin, cross linked guar gum, chitosan forms the basis of formulation development for colon specific drug delivery. Cross linked guar gum has been successfully used as a drug carrier in matrix tablets for colonic drug delivery. Disturbance of GIT microflora is quite common during antibiotic therapy. Drug therapy for colon cancer, irritable bowel syndrome, ulcerative colitis and Crohns disease may be failed since antibiotic therapy is quite common during mentioned illnesses. The. present matrix tablet or granule or powder formulation delivers major fraction of the drug from formulation specifically at colon. The matrix tablet comprise of at least a drug, spores -of lactobacillus and/or bifidobacterium, and a naturally occurring gum (preferably guar gum, fenugreek gum, pectin, locust bean gum). The incorporation of spores of lactobacillus or /and bifidobacterium will ensure the delivery of the drug to the colon in certain cases where GIT microflora is disturbed. The developed oral formulation will find following applications: in the treatment of colon cancer, irritable bowel syndrome, ulcerative colitis and Crohns disease, protein and peptide delivery controlled and prolonged drug therapy. The said formulation selectively deliver the drug to colon henceforth the dose of incorporated drug reduced that consequently will lower the associated side effects.

No. of Pages : 13 No. of Claims : 7

(54) Title of the invention : COMPOSITION FOR LOCAL DELIVERY OF MEDICINES FOR PERIODONTITIS & METHOD FOR PREPARATION OF THE SAME

(51) International classification	:A61k31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHNU K. MOURYA
(32) Priority Date	:NA	Address of Applicant :GOVERNMENT COLLEGE OF
(33) Name of priority country	:NA	PHARMACY, VEDANT ROAD, OSMANPURA,
(86) International Application No	:NA	AURANGABAD-431 005, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHNU K. MOURYA
(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 with pharmaceutical composition for the treatment of periodontal diseases e.g. periodontitis. The composition to be applied directly into the periodontal pocket where it is supposed to give extended drug release for longer time. In particular this invention relates to a process for making formulation for local delivery of active pharmaceutical substance for the treatment of periodontitis. Active may be selected from antibacterial, antibiotic, local anaesthetic or anti plaque and other as like with or without combination. Periodontitis (peri - around, odont = tooth, -itis = inflammation) refers to a number of inflammatory diseases affecting the periodontium- that is, the tissues that surround and support the teeth. Periodontitis involves progressive loss of the alveolar bone around the teeth, and if left untreated, can lead to the loosening and subsequent loss of teeth. Periodontitis is caused by bacteria that adhere to and grow on the tooth's surfaces, along with an overly aggressive immune response against these bacteria. Most of the bacteria causing periodontitis includes anaerobic gram-negative bacteria in the subgingival area are *Actinobacillus actinomycetemcomitans* (Aa), *Porphyromonas gingivalis*, (Pg), *Prevotella intermedia* (Pi), and *Tannerella forsythensis* (Tf). These bacteria secrete collagenase that degrades periodontal ligament, connective tissue of the periodontal membrane. As a result periodontal membrane is separated and periodontal pocket is formed. Periodontitis can be diagnosed by inspecting the soft gum tissues around the teeth with a probe and radiographs by visual analysis, to determine the amount of bone loss around the teeth. The removal of the periodontal plaque is the primary treatment for periodontitis. The plaque can be removed with the use of chemotherapy or by root planning and scaling called apparatusotherapy. There are lots of problem associated with root planning and scaling e. g. instruments cant reach the area where bacteria used to stay, anatomical arrangement of the teeth restricts effective root planning & scaling. The only option remains is the chemotherapy.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2541/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR PRODUCING 1-BIPHENYLMETHYLIMIDAZOLE COMPOUNDI

(51) International classification :C07D405/14
(31) Priority Document No :2008-150686
(32) Priority Date :09/06/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/060419
Filing Date :08/06/2009
(87) International Publication No :WO/2009/151016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DAIICHI SANKYO COMPANY LIMITED
Address of Applicant :3-5-1 Nihonbashi Honcho Chuo-ku
Tokyo 1038426 Japan.

(72)Name of Inventor :
1)SATO Koji
2)YAGI Tsutomu
3)SAKURATANI Kenji
4)TANI Yuichiro

(57) Abstract :

The present invention provides a method for producing a 1-biphenylmethylimidazole compound having superior angiotensin II receptor antagonistic activity, or an intermediate thereof. The present invention provides a method for producing a compound having the formula (5) (R1, Ra: H, an alkyl group) by oxidizing a compound having the formula (1) (Ra: H, an alkyl group) using an oxidizing agent in the presence of a radical initiation reagent, and then reacting with an ammonia-generating reagent and a compound having the formula R1CHO (R1: H, an alkyl group) or a compound having the formula R1C(ORb)3 (R1: H, an alkyl group; Rb: an alkyl group).

No. of Pages : 55 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2542/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : CODED HETEROFUNCTIONAL SUTURES AND METHODS

(51) International classification :A61B17/064
(31) Priority Document No :61/053,912
(32) Priority Date :16/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/044274
Filing Date :16/05/2009
(87) International Publication No :WO/2009/151876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ANGIOTECH PHARMACEUTICALS INC.
Address of Applicant :1618 Station Street Vancouver British Columbia V6A 1B6 Canada
(72)Name of Inventor :
1)AVELAR Rui
2)GORALTCHOUK Alexei
3)HERRMANN Robert A.
4)LUSCOMBE Brian H.
5)DAGOSTINO William L.

(57) Abstract :

A marked heterofunctional surgical filament. The filament comprises two or more sections having different features, and the different sections of the filament are provided with markers in order that they may be identified and differentiated. The filament may have retainers on the surface of one or more sections such that the filament can engage and retain tissue without knots. The markers may be used to indicate fixed features of a section of filament such as the presence and/or orientation of retainers. The markers may be utilized to indicate conditions of the filament such as tension. The markers may be directly readable or be machine-readable. The surgical filament is thin and flexible and may be used for suturing.

No. of Pages : 82 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2542/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : CODING AND MODULATION FOR MULTIPLE DATA STREAMS IN A COMMUNICATION SYSTEM

(51) International classification	:H04J 11/00
(31) Priority Document No	:60/691,461
(32) Priority Date	:16/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/023515
Filing Date	:15/06/2006
(87) International Publication No	:WO/2006/138582
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2237/MUMNP/2007
Filed on	:31/12/2007

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)Name of Inventor :

1)WALTON Jay Rodney

2)MEDVEDEV Irina

(57) Abstract :

Techniques for transmitting multiple data streams to a single receiver using a single code rate and different modulation schemes are described. Channel estimates are determined for the multiple data streams and used to select a single code rate and multiple modulation schemes for the multiple data streams. The system may support a set of code rates and each code rate may be associated with a respective set of modulation schemes that may be used with that code rate. The single code rate for all data streams is selected from among the set of supported code rates and the modulation scheme for each data stream is selected from among the set of modulation schemes associated with the single code rate. The multiple data streams are encoded in accordance with the single code rate. Each data stream is further modulated in accordance with the modulation scheme selected for that stream.

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2536/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : COAXIAL CONNECTOR INTERCONNECTION CAP

(51) International classification	:H01R 9/05
(31) Priority Document No	:61/184,573
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037504
Filing Date	:04/06/2010
(87) International Publication No	:WO/2010/141890
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANDREW LLC

Address of Applicant :1100 Commscope Place Se Hickory
North Carolina 28602 United States of America

(72)Name of Inventor :

1)Nahid ISLAM

(57) Abstract :

A coaxial connector is combined with an inner conductor interconnection cap for interconnection with a coaxial cable. The interconnection cap is provided with a bore adapted to seat upon and circumferentially contact an outer diameter of the inner contact and an outer diameter of the inner conductor. The interconnection cap extends along the inner contact to cover at least a contact portion at a cable end of the inner contact to enclose an interconnection between the inner conductor and the inner contact. Sealant may be applied to the interconnection to improve seal performance and the dimensions and materials of the interconnection cap may be adjusted to modify characteristic impedance for return loss optimization with respect to specific coaxial cables.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2543/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : MARKETING AND ADVERTISING FRAMEWORK FOR A WIRELESS DEVICE

(51) International classification :G06Q30/00
(31) Priority Document No :12/132,491
(32) Priority Date :03/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/044541
Filing Date :19/05/2009
(87) International Publication No :WO/2009/148820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego CA 92121 United States of America
(72)Name of Inventor :
1)FOK Kenny
2)YIP Eric Chi Chung

(57) Abstract :

Targeted advertising can be provided by monitoring application specific details that go beyond observing merely the types of applications and/or functionality utilized on a device. The specific details can be monitored on at least a periodic basis and the advertisements changed based on the monitoring such that the advertisements transition from generic advertisements to advertisements that are more narrowly tailored for the user. The targeted advertisements can be retained locally on the user device, accessed over a network, or combinations thereof. Presenting the targeted advertisements can include displaying the advertisements in at least a portion of a display screen, wherein the portion is selectable and changeable.

No. of Pages : 61 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2537/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A PURIFICATION MEDIUM

(51) International classification	:C02F1/00,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CHEMICALS LTD
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI
(33) Name of priority country	:NA	STREET, MUMBAI-400 001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEBABRATA RAUTARAY
(87) International Publication No	:N/A	2)PRABHAT KUMAR PARIDA
(61) Patent of Addition to Application Number	:NA	3)ASHOK JAGJIVAN GUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a water purification medium comprising a layer of rice husk ash and a layer of quartz sand adjacent to it with a bactericidal agent coated on to either the rice husk ash or the quartz sand or both, such that the layer of quartz sand is positioned after the layer of rice husk ash in the direction of flow of water through the water purification medium. The invention also relates to a water purification cartridge comprising the said water purification medium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : CODING OF TRANSITIONAL SPEECH FRAMES FOR LOW-BIT-RATE APPLICATIONS

(51) International classification :G10L19/12,G10L11/04
(31) Priority Document No :12/143,719
(32) Priority Date :20/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/048047
Filing Date :19/06/2009
(87) International Publication No :WO/2009/155569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)GUPTA Alok K.
2)MANJUNATH Sharath
3)KANDHADAI Ananthapadmanabhan

(57) Abstract :

Systems, methods, and apparatus for low-bit-rate coding of transitional speech frames are disclosed.

No. of Pages : 144 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2537/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : LOCK FOR CORE ASSEMBLY FOR INJECTION MOLDING TOOL

(51) International classification	:B29C 33/76,B29C33/20
(31) Priority Document No	:12/456,476
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000765
Filing Date	:12/03/2010
(87) International Publication No	:WO/2010/147613
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Progressive Components International Corporation
Address of Applicant :235 Industrial Drive Wauconda
ILLINOIS 60084 United States of America
(72)**Name of Inventor :**
1)HELENIUS David
2)CULLISON James W.

(57) Abstract :

An injection molding tool having a core assembly with a shaft that is lockably or securedly mounted within a bore of a plate or within another suitable lock element. Rotational or other suitable movement of the lock results in or translates into axial movement of and/or axial forces apply to the core assembly. A guide ring assembly has a center ring with a non-circular bore and a correspondingly shaped core assembly to prevent rotational movement of the core assembly with respect to the guide ring assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : STEERING ASSEMBLY FOR A VEHICLE AND METHOD OF OPERATING THE SAME

(51) International classification	:B62D 13/00,B62D 9/00
(31) Priority Document No	:61/187,927
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000940
Filing Date	:17/06/2010
(87) International Publication No	:WO/2010/145030
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GN Technologies Inc.

Address of Applicant :801 Abbe Theoret Avenue Suite 7
Sainte-Julie Qubec J3E 1N8 Canada

(72)Name of Inventor :

1)NOEL Grard

(57) Abstract :

There is provided a steering assembly for steering a vehicle. The steering assembly comprises a first steering knuckle having a first wheel rotatably mounted thereto a first swing mechanism for enabling displacement of the first steering knuckle along a first arced path and a first guiding mechanism for pivoting the first steering knuckle when the first steering knuckle is displaced along the first arced path in order to maintain the first wheel oriented tangentially relative to the first arced path. The first arced path is concave relative to a central longitudinal axis of the vehicle and spaced from the first frame member away from a central longitudinal axis of the vehicle by a distance sufficient to prevent the first wheel from contacting the first frame member when the first steering knuckle is pivoted. There is further provided a method of operating the steering assembly..

No. of Pages : 102 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2538/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR DETECTING EXTERIOR LIGHTS SWITCH FAILURE AND CONTROLLING EXTERIOR LIGHTS

(51) International classification	:B60Q1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI-400 001,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GURNEET SINGH
(61) Patent of Addition to Application Number	:NA	2)ANIL P. JOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention related to a system and method for detecting exterior lights switch failure and controlling exterior lights. This is achieved by adding redundancy in conventional switch operation, especially in case of failures of switches. The system includes exterior lights of the vehicle, control switches, control systems and ignition key system. The control systems monitor the switch operation and ignition key status to activate or deactivate the exterior lights of the vehicle. Motive is achieved by monitoring OFF position of the light control switch. The switch will be providing at least one input at a time to control unit in healthy condition. If switch get burned / disconnected, the control unit will not get any Input from switch. Under such circumstances control unit takes action on Exterior Lights Operation depending on the current state of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : CELLULOSE-PEG CONJUGATES AS SUPERDISINTEGRANT AND PROCESS OF ITS PREPARATION

(51) International classification

:A61K39/00

(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)MANGESH RAMESH BHALEKAR

Address of Applicant :AISSMS COLLEGE OF PHARMACY,
KENNEDY ROAD, NEAR. RTO, PUNE 411 001. Maharashtra
India

2)SWAPNIL SUBHASH DESALE

3)ASHWINI RAGHAVENDAR MADGULKAR

(72)Name of Inventor :

1)MANGESH RAMESH BHALEKAR

2)SWAPNIL SUBHASH DESALE

3)ASHWINI RAGHAVENDAR MADGULKAR

(57) Abstract :

The present invention relates to Cellulose-PEG conjugate, its use as superdisintegrant and process of its preparation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : RELAY ANTENNA INDEXING FOR SHARED ANTENNA COMMUNICATION

(51) International classification :H04W76/02,H04B7/04
(31) Priority Document No :61/075,691
(32) Priority Date :25/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/033260
Filing Date :05/02/2009
(87) International Publication No :WO/2010/008615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)Name of Inventor :

1)CHAKRABARTI Arnab

2)STAMOULIS Anastasios

3)LIN Dexu

4)YAZDI Kambiz Azarian

5)JI Tingfang

(57) Abstract :

Providing for distributed processing for a set of wireless communication devices to implement distributed, multi-antenna communication via one or more of the devices is described herein. By way of example, a relay link can be established between one or more wireless transceivers. The link can be utilized to distribute an indexing parameter to a remote transceiver. The indexing parameter can be employed to identify a set of index-specific instructions configured for a particular wireless node of a network. Based on the instructions and indexing parameter, such transceiver can locally compute and transmit, or receive and decode, a stream of traffic data for the multi-antenna communication. Thus, for instance, a P-P link between UTs can be employed to implement increased throughput and reduced interference benefits of multi-antenna communication for unplanned configurations of mobile devices.

No. of Pages : 56 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/MUMNP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : AUTONOMOUS DECISION SYSTEM FOR SELECTING TARGET IN OBSERVATION SATELLITES

(51) International classification :G01C 11/00,G06T 7/60
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/050311
Filing Date :25/01/2010
(87) International Publication No :WO/2011/089477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)OZKUL Tarik

Address of Applicant :Yali Mah. Fevzi Cakmak Cad. Saygin Sok. 8A/11 Maltepe Istanbul TURKEY 34844 Turkey

2)ALDHAFRI Suhail

(72)Name of Inventor :

1)OZKUL Tarik

2)ALDHAFRI Suhail

(57) Abstract :

The invention uses plurality of forward-looking preview cameras each looking at different nadir angle viewpoint to get cloud information from approaching target areas. The invention uses fuzzy logic system and other decision mechanisms to decide which target images should be acquired in which particular sequence and when the target image acquisition should start. The invention intends to give autonomous decision capability to agile earth observation satellites to make decision on their own to get the highest yield of quality images of target areas.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :05/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : ADVERTISEMENT USING PROJECTOR/LASER

(51) International classification	:G03B21/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHESH GUPTA
(32) Priority Date	:NA	Address of Applicant :SR.NO.30/2B,16, MONALI PARK,
(33) Name of priority country	:NA	NEAR KARN RESIDENCY, PIMPLE GURAV, PUNE 411 026
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHESH GUPTA
(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 has been invented by the inventor in which a projector/laser is used for this technology, wherein a person have to rent, contract, franchise the said system depending upon the requirement of advertisement to be projected. It improves the system/ mechanism and reduces the manpower, low costing for any user .The concept is eco-friendly and saves energy to large extend. The said system is affordable by any person in large easily available and accessible adding beauty to the city/area/nature/

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : ALCLOMETASONE MICROEMULSION BASED CREAM FORMULATION

(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	: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)LYKA LABS LIMITED
Address of Applicant :101,SHIVSHAKTI INDUSTRIAL
ESTATE, ANDHERI-KURLA ROAD, ANDHERI(EAST),
MUMBAI-400 059, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)GANDHI, NARENDRA ISHWARLAL
2)SAMANT, RAJAN SHANTARAM

(57) Abstract :

The present invention discloses a stable microemulsion based topical cream formulation for administration of alclometasone. The said formulation comprises an emollient, an oleaginous vehicle, an emulsifying agent and an oil base as microemulsion forming components alongwith other pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2562/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MOBILE-BASED POSITIONING WITH NON-CONFORMING USE OF ASSISTANCE DATA

(51) International classification :G01S 5/02,G01S 1/00
(31) Priority Document No :61/185,516
(32) Priority Date :09/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038017
Filing Date :09/06/2010
(87) International Publication No :WO/2010/144607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)EDGE Stephen W.
2)AGASHE Parag Arun
3)FISCHER Sven
4)ISCHE Marc A.
5)TENNY Nathan Edward

(57) Abstract :

Apparatus and methods for performing mobile-based positioning in a wireless communications system are presented. A position estimate is computed based on assistance data intended for a first position method. The mobile device ignores if a second positioning method is not specifically supported by a network and computes a position estimate using the second position method and a subset of assistance data intended for the first positioning method which is supported by the network and is different from the second positioning method.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2569/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :06/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF TIAGABINE HCI

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNICHEM LABORATORIES LIMITED.
(32) Priority Date	:NA	Address of Applicant :UNICHEM BHAVAN, PRABHAT
(33) Name of priority country	:NA	ESTATE, OFF. S. V. ROAD, JOGESHWARI (WEST),
(86) International Application No	:NA	MUMBAI-400 102. MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. GEDALA VENKATA MURALI MOHAN BABU
(61) Patent of Addition to Application Number	:NA	2)MR. N.S.K. SENTHIL KUMAR
Filing Date	:NA	3)MR. BHUSHAN ASHOK BAGUL.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of pharmaceutical technology and describes about stable pharmaceutical composition, simple and cost effective novel methods of manufacturing of immediate release solid oral dosage forms comprising tiagabine or its pharmaceutically acceptable salts, solvates, enantiomers or mixtures thereof. This composition shall be taken orally in the treatment of partial seizures in adults and children of 12 years and older and tardive dyskinesia etc.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2563/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : LENS ROLL-OFF CORRECTION OPERATION USING VALUES CORRECTED BASED ON BRIGHTNESS INFORMATION

(51) International classification :G06T 5/00,H04N
5/217
(31) Priority Document No :12/488,737
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039383
Filing Date :21/06/2010
(87) International Publication No :WO/2010/151512
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)JIANG Xiaoyun
2)HUNG Szepo R.
3)LI Hsiang-Tsun

(57) Abstract :

A method is disclosed that includes receiving image data and calculating brightness information of the image data. The method includes correcting at least one lens roll-off value to be used in a lens roll-off correction operation based on the brightness information. The method also includes performing the lens roll-off correction operation on the image data using the at least one corrected lens roll-off value.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN INTEGRATED INSTRUMENT-ENTERTAINMENT UNIT (IIEU) FOR AUTOMOTIVE VEHICLE

(51) International classification	:H04N5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R & D CENTER, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ARAVAPALLI SRINIWAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Invention provides an integrated instrument and entertainment unit for an automobile vehicle. The said unit is comprising an electronic control unit connected to the sensors. The electronic device and electrical device through a communication interface to receive input signal. A display unit in the vehicle dashboard and audio with amplifier unit are connected to the said electronic control unit through a second communication unit. A radio and media player accessible to media storage means is connected to the said controller. An embedded software loaded in the said controller to configured to receive the input signal, to encode the same input signal for processing and to decode the same encoded signal to out put device through the communication interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2549/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : TUNNEL MULTI FLOOR

(51) International classification

:E21D13/00

(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)Silvino Pompeu Santos

Address of Applicant :Rua Carmelitas 21-3A 1600-419

Lisboa Portugal

(72)Name of Inventor :

1)Silvino Pompeu Santos

(57) Abstract :

The tunnel multi floor is a roadway tunnel of circular cross section (1), with two-way separated, characterized by having two slabs (2) (3) along its full width, one placed roughly at the half height of the tunnel and the other placed slightly above the bottom of the tunnel, in order to create three overlapping galleries, isolated and independent: two identical roadway galleries (4) (5), one for each way of traffic, and a service gallery (6), at the bottom. The slabs (2) (3) have openings (7), placed close to the circular wall of the tunnel (1), in one or in both sides, regularly spaced and protected with fireguard devices of box type (8), which are connected through closed vertical access galleries (10), to allow for safe passage of people from the roadway galleries (4) (5) to the service gallery (6).

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2567/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :05/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : HALOBETASOL MICROEMULSION BASED CREAM FORMULATION.

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LYKA LABS LIMITED
(32) Priority Date	:NA	Address of Applicant :101,SHIVSHAKTI INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, ANDHERI-KURLA ROAD, ANDHERI(EAST),
(86) International Application No	:NA	MUMBAI-400 059, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)GANDHI, NARENDRA ISAWARLAL
(61) Patent of Addition to Application Number	:NA	2)SAMANT, RAJAN SHANTARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an efficacious topical cream formulation containing halobetasol solubilized in oleaginous vehicle as discontinuous phase, a surfactant or emulsifying agent and an aqueous continuous phase. The said formulation shows improved permeation characteristics

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.255/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :09/02/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : A METHOD AND A DEVICE FOR REMOTELY CONTROLLING AN ON-BOARD CAMERA IN A MOBILE STATION

(51) International classification	:G06T 7/00,G06T 7/20
(31) Priority Document No	:0855644
(32) Priority Date	:20/08/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/060650
Filing Date	:18/08/2009
(87) International Publication No	:WO 2010/020625 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)EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY-EADS FRANCE
Address of Applicant :37,BOULEVARD DE MONTMORENCY. F- 75016 PARIS, France
(72)**Name of Inventor :**
1)STURZEL, MARC

(57) Abstract :

The invention is in the field of remote control of a device on board a mobile vehicle and concerns more specifically a method and a device for controlling, from a remote station, a camera on board a mobile station. According to the invention, - the remote station estimates the period of latency L between the despatch of a command from the mobile station and the execution of the said command by the said mobile station, - the mobile station transmits to the remote station a first image acquired by the said camera at an instant T-L, - the remote station transmits to the mobile station a position of the target object in the said first image, - the mobile station compares the position of the target object in the first image with the position of the said object in at least a second image acquired after the said first image, and determines in real time, independently, the trajectory of a target object in the said second image, and then controls the on-board camera in real time to accomplish the tracking of the target object in the predicted trajectory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2570/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :06/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELECTRIC THREE WHEELER VEHICLE

(51) International classification :B60L11/00,B62K17/00,B60K6/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AZAR BHAI DUKKA
Address of Applicant :KAMALPUR, POST JASLANI,
TEHSIL PALANPUR, DISTRICT- BANASKANTHA, Gujarat
India
(72)Name of Inventor :
1)AZAR BHAI DUKKA

(57) Abstract :

The present invention provides an electric moving device comprising at least one frame comprises a front wheel, two rear wheels, a seat disposed at a widthwise center of said electric moving device, a steering handle for steering said front wheel, a flat floor disposed between said steering handle and said seat, characterized that said electric moving device further comprises at least one energy storage device store the energy being generated from movement of said vehicle, adapted to connect with a rear wheel driving motor disposed below said seat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2582/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :09/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : EARLY WARNING SYSTEM FOR UNMANNED RAILWAY CROSSING USING VIBRATION SENSOR PLACED AT RAILWAY TRACK.

(51) International classification :B61L29/28,G08G1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANTOSH ARVIND PRADHAN.
Address of Applicant :ARUNODAYA; PLOT NO. 51,
PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR,
NAGPUR (MAHARASHTRA,) 440 025 India
(72)**Name of Inventor :**
1)SANTOSH ARVIND PRADHAN.

(57) Abstract :

We have placed Vibration sensors at the Railway tracks of Railway network. Running of the Train on Railway tracks generate vibrations. These vibrations are transmitted ahead of train at a speed of sound. The propagation of the sound wave is positive and sure as the track forms a single entity due to the welding joints through out the length of the track. The vibration thus generated by approaching train can be sensed, measured and used to issue a early warning by way of warning lights and sound siren at the unmanned Railway crossing

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2582/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/12/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : HIGH HEAT AND CHLORINE RESISTANT POLYURETHANEUREA ELASTIC FIBER AND PREPARATION OF THEREOF

(51) International classification :D01F6/70,D01F6/76
(31) Priority Document No :10-2008-0105972
(32) Priority Date :28/10/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/007079
Filing Date :01/12/2008
(87) International Publication No :WO/2010/050639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)TAE KWANG IND.CO. LTD.

Address of Applicant :162-1 Jangchung-dong 2-ga Jung-gu
Seoul 100-855 REPUBLIC OF KOREA

(72)Name of Inventor :

1)SHIN Ickgy

2)JUNG Inrak

3)KIM Haedong

(57) Abstract :

The present invention relates to a preparation method of polyurethaneurea elastic fiber, particularly a preparation method of high heat-resistant elastic fiber which retains unique physical properties of elastic fiber under the high temperature process. The polyurethaneurea elastic fiber of the present invention is characteristically prepared without using 1 functional mono-alcohol generally used to regulate the reaction speed and side-reaction during the prepolymer reaction to produce elastic fiber having excellent heat-resistance particularly for the dyeing processing or re-dyeing of polyester but using ethylenediamine alone as a chain extender for the polymerization. To reduce gel formation in polymer after the secondary polymerization and to regulate change of viscosity in the course of process, the ratio of the chain extender amine to the terminal group of prepolymer of the first polymerization is increased. The present invention relates to the polyurethaneurea elastic fiber and the preparation method of the same having excellent chlorine resistance, which favors the production of swimsuit by two-way knitting using nylon yarn. The polyurethaneurea elastic fiber prepared by the polymer mixture of the present invention has excellent heat- resistance and chlorine-resistance, so that it is endurable in chlorine -containing water of swimming pool and can be effectively produced as high quality yarn by combined-weaving of nylon or polyester.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2571/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :06/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A BREATHING ARRANGEMENT FOR MECHANICAL SYSTEMS

(51) International classification	:F16H57/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED.
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI-400 001,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. JANARDHANAN VENKATAPATHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Breathing and lubricating arrangement for an enclosed mechanical system This invention relates to a breathing arrangement for an enclosed mechanical system comprises a shaft provided with an air passage extended axially. One end of the shaft located inside the system and the other end is located outside the system. The shaft having radial openings for admitting air and fluidly communicating with the passage and the enclosed system, and outside radial openings extended from the passage and communicating with atmosphere. An oil deflector attached to the shaft for preventing entry of splashing or dripping oil to the openings communicating with the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :09/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : EARLY WARNING SYSTEM FOR UNMANNED RAILWAY CROSSING USING MAGNETIC SENSOR PLACED AT RAILWAY TRACK.

(51) International classification	:B61L29/28,G08G1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANTOSH ARVIND PRADHAN
Address of Applicant :ARUNODAYA; PLOT NO. 51,
PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR,
NAGPUR(MAHARASHTRA) 440 025 India
(72)**Name of Inventor :**
1)SANTOSH ARVIND PRADHAN

(57) Abstract :

When any ferrous body interfaces a steady magnetic field it generates a pulse. This phenomenon is used in sensing a passing train. A magnetic coil is placed in vicinity of railway track. When a train passes on the track, pulses are generated due to passing of the wheels. The pulses are transmitted to the data processing unit where it is filtered, processed and analyzed for further to issue of early warning by way of warning lights and sound siren at the unmanned Railway crossing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2571/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MAGNETIC TUNNEL JUNCTION DEVICE AND FABRICATION

(51) International classification	:H01L 43/08,G01R33/09
(31) Priority Document No	:12/482,730
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038362
Filing Date	:11/06/2010
(87) International Publication No	:WO/2010/144836
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)Name of Inventor :

1)ZHU Xiaochun

2)KANG Seung H.

3)LI Xia

(57) Abstract :

A magnetic tunneling junction (MTJ) device and fabrication method is disclosed. In a particular embodiment an apparatus is disclosed that includes an MTJ device. The MTJ device includes a free layer and a spin torque enhancing layer. The spin torque enhancing layer includes a nano oxide layer.

No. of Pages : 36 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/12/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : APPARATUS AND METHOD TO PREVENT MAN IN THE MIDDLE ATTACK

(51) International classification	:H04L9/32 ,H04L9/14	(71)Name of Applicant :
(31) Priority Document No	:2,630,388	1)NETSECURE INNOVATIONS INC.
(32) Priority Date	:05/05/2008	Address of Applicant :230-1911 Park Street Regina
(33) Name of priority country	:Canada	Saskatchewan S4N 2G5 Canada
(86) International Application No	:PCT/CA2009/000648	(72)Name of Inventor :
Filing Date	:05/05/2009	1)MCCANN Daniel
(87) International Publication No	:WO/2009/135324	2)SHARIFIMEHR Nima
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system, peripheral device, and method for authenticating an encryption key before transmitting encrypted messages containing sensitive information are provided. Authentication of a client device during the coordination of data transfer among multiple computer devices is possible by providing a peripheral device that does not have a direct connection to a network, but rather, any message to be transmitted over the network must be relayed through a client device. Any sensitive information to be transferred to a remote device is inserted into a message, then message is encrypted in peripheral device. This prevents any process running on client device from fooling the client device into communicating confidential information to a third party rather than the desired remote computer, because the client device never sees the sensitive information in an unencrypted form; only the peripheral device has access to the sensitive information in an unencrypted form.

No. of Pages : 58 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2573/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR PERFORMING USSD SERVICES IN A TELECOMMUNICATIONS NETWORK

(51) International classification :H04W 4/20

(31) Priority Document No :P-388012

(32) Priority Date :12/05/2009

(33) Name of priority country :Poland

(86) International Application No :PCT/PL2010/000035

Filing Date :12/05/2010

(87) International Publication No :WO/2010/131989

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MASSPAY Sp. z o.o.

Address of Applicant :ul. Ogrodowa 12 05-505 Jaroszowa
Wola Poland

(72)Name of Inventor :

1)Henryk KULAKOWSKI

(57) Abstract :

A method for providing services in a telecommunication network with the use of USSD channel comprising of a step of receiving (102) by a terminal device (DT) a call establishment request for a voice connection with a recipientTMs telephone number; a step of rejecting (108) the call establishment request for the voice connection if the call request is determined (104 106) to be a request for USSD based services. In subsequent step information about the rejected call request is transmitted (110) from the terminal device (DT) to server (GTW) the information including at least the telephone number of the terminal (OT) initiating the connection and in the following steps the server (GTW) establishes (112) a USSD session and initiates (114) an exchange of messages from the server (GTW) via the USSD channel.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2574/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :06/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN AUTOMATED COMPETENCY ASSESSMENT SYSTEM AND A METHOD THEREOF

(51) International classification

:G09B7/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLR,
NARIMAN POINT, MUMNAI-400 021, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)RAMAN SRINIVASAN

2)PRIYADHARSHINI SRIDHAR

3)SWARNA SRINIVASAN

4)ROHIT KUMAR

5)RADHIKA J

6)RADHIKA G

7)AMIT NATH

8)VIKASH AGARWAL

(57) Abstract :

The present invention relates to a system used for competency assessment of candidates. More particularly the present invention relates to an automated system for talent acquisition in an enterprise to identify talented candidates who meet the qualification standards specified by enterprise using a secured and light weight method of providing content including questions and responses in a distributed architecture. The data centre server of the system may connect to Knowledge centre server to receive the secure test content. The test content is transferred to one or more exam centre servers from the data centre server. The exam centre servers assess the competency of candidates connected to them via candidate console devices (computational devices), by generating unique and standardized test content for each candidate. The system enables less effort, time and consequently money, that multiple test administrators may spend traveling to different test locations to support the system infrastructure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2590/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :09/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : RIGID DEAD AXLE FOR A MOTOR VEHICLE

(51) International classification	:B60G15/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R & D CENTRE, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SATISH NARAYAN PATANKAR
(61) Patent of Addition to Application Number	:NA	2)PRABHAT ANAND PUSTAKE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a rigid dead axle for a motor vehicle, the axles comprises a hollow tube made of three section consisting of end section, middle section and intermediate section. A spring bracket and axle brackets welded at each of the said end section of the said hollow tube. A resting platform to rest leaf spring of the suspension system is provided to the said spring bracket. An arrangement with the said axle bracket having housing for mounting a bearing, hub and spindle assembly and a wheel ends mounted to the said spindle assembly such a that the said arrangement enables locating an engine compartment/transaxle packaged at centre line of vehicle in alignment with the said axle bracket. And a drive line connected between the said engine and wheel ends.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2585/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :09/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : SWITCHED MODE POWER SUPPLIES.

(51) International classification	:H02M3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EMERSON NETWORK POWER (I) PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO.C-20, ROAD NO.19,
(33) Name of priority country	:NA	WAGLE INDUSTRIAL ESTATE, THANE (W)-400604,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)YADNIK, UPENDRA SHRIRAM
(61) Patent of Addition to Application Number	:NA	2)PATIL,ARUN DAMODAR
Filing Date	:NA	3)PRASAD DINKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Switched Mode Power Supply (SMPS) system with a circuit for providing uninterrupted input DC power is envisaged by interconnecting a plurality of supplies viz., a half wave rectified AC mains supply, a half wave rectified bypass AC supply and a battery bank to achieve a single DC voltage output. The circuit comprises a capacitor bank, the output of which provides the uninterrupted DC voltage to the SMPS system; input means for the capacitor bank to receive the DC power; and selection means comprising switching elements to enable or prevent flow of power through pre-determined loops to provide the uninterrupted DC voltage to the SMPS system; the selection means further selects at least one of the available sources of DC power, the selected source of power having a highest instantaneous magnitude of voltage amongst the three sources of DC power.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2590/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/12/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : APPARATUS AND METHOD FOR TUNING A GM-C FILTER ¶

(51) International classification	:H03H 11/12
(31) Priority Document No	:08158625.7
(32) Priority Date	:19/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/057236
Filing Date	:11/06/2009
(87) International Publication No	:WO/2009/153211
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)PIAZZA Francesco
2)CANTORO Claudio

(57) Abstract :

An apparatus to control a tuneable Gm-C filter, including and a filter that can be reconfigured as a free running oscillator by toggling the feedback sign of an output amplifier (304), a digital controller (42), sensitive to the output of the filter in the calibration configuration, and a DAC (44) to provide an analogue control signal (48) to the gm inputs of the transconductance amplifiers (310, 320) composing the filter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2009

(21) Application No.2593/MUM/2009 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONTAINER FOR ANAESTHETIC AGENTS

(51) International classification :A61J1/00,A61M16/18
(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)PIRAMAL HEALTHCARE LTD

Address of Applicant :PIRAMAL TOWER, GANPATRAO
KADAM MARG, LOWER PAREL, MUMBAI-400 013,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)RAJESH MISHRA

2)MANISHA SAKHARDANDE

3)VIJAY SHARMA

4)BIKRAM BHOWMIK

(57) Abstract :

This invention embodies a device and a method for transferring volatile fluid from a container to a receiver using the said device, the said device comprising an adapter configured to be secured to said container and a receiver sub assembly adapted to be secured to said receiver; said adapter and receiver sub assembly provided with components complementary to one another and movable sealing elements adapted to selectively engage with one other such that in an operative receiver filling configuration, movement of the adapter relative to receiver sub assembly leads to first open the sealing element in receiver sub assembly to connect fluid path to the receiver and next open the sealing element in the adapter to connect a fluid passage path from the container to the receiver sub assembly, and in an operative stop-filling configuration, the movement of adapter relative to receiver sub assembly in reverse direction leads to close the sealing element of the adapter prior to closure of the sealing element in the receiver sub assembly; characterized in that in an operative configuration the adapter and the receiver sub assembly are configured to be linked to one another by engagement of said complementary components and relative movement of the components of said receiver sub assembly sealing element is linear along its axis and of the said adapter sealing element is angular/rotational around its axis.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2589/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :03/12/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR AGGREGATING AND PRESENTING DATA ASSOCIATED WITH GEOGRAPHIC LOCATIONS []

(51) International classification :G06F17/30
(31) Priority Document No :61/056,406
(32) Priority Date :27/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/044991
Filing Date :22/05/2009
(87) International Publication No :WO/2009/151928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)BOYNS Mark R.
2)MEHTA Chand
3)TSAY Jeffrey C.
4)MANDYAM Giridhar D.

(57) Abstract :

Implementations relate to systems and methods for aggregating and presenting data related to geographic locations. Geotag data related to geographic locations and associated features or attributes can be collected to build a regional profile characterizing a set of locations within the region. Geotag data related to the constituent locations, such as user ratings or popularity ranks for restaurants, shops, parks, or other features, sites, or attractions, can be combined to generate a profile of characteristics of locations in the region. The platform can generate recommendations of locations to transmit to the user of a mobile device, based for instance on the location of the device in the region as reported by GPS or other location service and the regional profile. Geotag data can include audio data analyzed using region-specific terms, and user recommendations can be presented via dynamic menus based on regional profiles, user preferences or other criteria.

No. of Pages : 78 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2599/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :10/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PRODUCTION OF 2,3-DICHLORO 1,3- BUTADIENE FROM 1,3-BUTADIENE

(51) International classification	:C07C17/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PIDILITE INDUSTRIES LTD
(32) Priority Date	:NA	Address of Applicant :REGENT CHAMBERS, NARIMAN
(33) Name of priority country	:NA	POINT, MUMBAI-400021, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADHUKAR BALVANTRAY PAREKH
(87) 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 improved process for the production of 2,3-Dichloro 1,3-Butadiene which comprises Chlorinating Butadiene , in liquid phase , in the presence of chlorinated solvents & phase transfer catalyst, Distilling the solvent , Distilling the formed 3,4-dichlorobutene-1 , 1,4- dichlorobutene-2; and 1,2,3,4-Tetrachlorobutane; under reduced pressure .chlorinating the separated 3,4-dichlorobutene-1 and 1,4-dichlorobutene-2 to give 1,2,3,4-Tetrachlorobutane., double Dehydrochlorinating the 1,2,3,4-Tetrachlorobutane using methanol ,alkali and inhibitors under atmosphere of 1% oxides of nitrogen in nitrogen atmosphere the total period of Dehydrochlorinating being in the range of 15-33 hours to give 2,3-Dichloro 1,3-Butadiene and separating methanol to get 2,3-Dichloro 1,3-Butadiene

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2601/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :11/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A NOVEL MULTIPARTICULATE CONTROLLED POROSITY OSMOTIC PUMP OF OXYBUTYNIN HYDROCHLORIDE

(51) International classification	:A61K31/27	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VAVIA PRADEEP RATILAL.
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PHARMACEUTICAL SCIENCES AND TECHNOLOGY,
(86) International Application No	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED
Filing Date	:NA	UNIVERSITY), NATHALAL PARIKH MARG, MATUNGA
(87) International Publication No	:N/A	(EAST), MUMBAI 400 019 Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VAVIA PRADEEP RATILAL.
(62) Divisional to Application Number	:NA	2)WAWDHANE SHARAD RAGHUNATH
Filing Date	:NA	

(57) Abstract :

The instant invention is directed to an multiparticulate osmotic pump, for the controlled release of Oxybutynin hydrochloride to an environment of use, said pump comprising: (A) a core which comprises a therapeutically effective amount of oxybutynin hydrochloride and an effective amount of osmotic agent surrounded by (B) a rate controlling water insoluble wall, prepared from: (i) a polymer permeable to water but impermeable to solute and (ii) 20% to 50% by weight, based on the total weight of (i) and (ii), of at least one pH insensitive pore forming additive dispersed throughout said wall

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :05/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : CUTTING DEPTH DETERMINATION SYSTEM FOR CNC SURFACE WHEEL LATHE.

(51) International classification	:B23B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELI BHOJRAJ HEMRAJ
(32) Priority Date	:NA	Address of Applicant :18, VISHRAMBAGH HOUSING
(33) Name of priority country	:NA	SOCIETY, SENAPATI BAPAT ROAD, PUNE 411 016,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)TELI BHOJRAJ HEMRAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting depth determination system (1) for a lathe machine for machining wheel sets of a railway vehicle is disclosed wherein a probing means (4) having a probing head helps in determining the profile of the wheel at predetermined points. A ball and a sensing pin cooperates with the probing means through a probing head shaft to sense the probing head displacement generate a sensed data which is received in a data calculating and repository means to calculate a cutting depth for machining of said wheel. The cutting depth determination system is reliable in operation and helps in minimizing energy consumption.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2606/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :12/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : SELF VALIDATING AND METADATA DRIVEN ENTERPRISE DATA WAREHOUSING SYSTEM

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LTD.
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARINAM POINT, MUMBAI 400 021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)THIRUVILWAMALA, LAKSHMANAN
(61) Patent of Addition to Application Number	:NA	VEERARAGHAVAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for Enterprise Data Warehousing (EDW) has been disclosed. The Enterprise Data Warehousing system envisaged by the present invention is designed, developed, monitored and controlled by metadata. The metadata includes self validation means which validates, cleanses and tallies the data up to the grain level to attain 100% data tallying thereby, increasing user confidence in reported figures. The Enterprise Data Warehouse has the ability to store multinational organizational data which operates in different time zones, countries, languages and currencies. Additionally, the system includes a Corporate Data Warehouse (CDW) to store summary data for head quarter reporting and a History Data Warehouse (HDW) to store full data from multiple countries without any cutoff dates. The system provides the top, middle and executive level management with 360 degrees view of the data / performance parameters stored in the warehouse with grain level drill down capability based on their individual privilege levels.

No. of Pages : 76 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2607/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :12/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A COMPOSITION SUITABLE FOR USE IN BUILDING CONSTRUCTION

(51) International classification	:C04B7/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JOSHI, PRADEEP VASANT
(32) Priority Date	:NA	Address of Applicant :FLAT NO.4, 'AKSHAY SANKUL',
(33) Name of priority country	:NA	UNITED WESTERN HSG.SOC., KARVE NAGAR, PUNE-411
(86) International Application No	:NA	052 Maharashtra India
Filing Date	:NA	2)JOSHI, SHILPA PRADEEP
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JOSHI, PRADEEP VASANT
Filing Date	:NA	2)JOSHI, SHILPA PRADEEP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a composition suitable for use in a building construction wherein said composition comprises water, a thickener, a pH stabilizer, a preservative, a coalescing agent, an anionic pre-polymerized binder, bottom ash, silica particle mixture, stone grit, a filler and an extender. The invention also provides a process for manufacturing of the composition. The invention provides the composition which is environmental friendly, Portland cement free, wet mix in ready to use form with extended pot life and shelf life, The composition prepared in accordance with the present invention is used as a mortar, a plaster/render, repair mortar, grouting mortar and as crack filler.

No. of Pages : 61 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2600/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :10/11/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : HANDHELD STAMP ASSEMBLY

(51) International classification

:B41K1/02

(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)SUN SAME ENIERPRISES CO.LTD.

Address of Applicant :SUN SAME ENIERPRISES CO.LTD.,
31, LANE 349, CHUNG CHENG S. ROAD, YUAN KANG
CITY, TAINAN HSIEN, TAIWAN

(72)Name of Inventor :

1)HSU-SHEN SHIH

(57) Abstract :

A handheld stamp assembly has a handle (202) and a stamp mount (204,300). The handle (202) may be detachably coupled to the stamp mount (204), and the stamp mount (300) may be composed of a top member (302) and a bottom member (322) detachably combined with each other. Accordingly, the handheld stamp assembly is convenient to be carried and manufactured and has a lowered manufacturing cost.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2574/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/12/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : PYRIDINE COMPOUNDS

(51) International classification :C07D401/12,A61P35/00
(31) Priority Document No :61/073,055
(32) Priority Date :17/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2009/050675
Filing Date :15/06/2009
(87) International Publication No :WO/2009/153589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ASTRAZENECA AB
Address of Applicant :S-151 85 Sodertalje Sweden
(72)Name of Inventor :
1)BARLAAM Bernard Christophe
2)FOOTE Kevin Michael
3)PLE Patrick
4)JONES Clifford David

(57) Abstract :

The present invention relates to compounds that inhibit of focal adhesion kinase function, processes for their preparation, pharmaceutical compositions containing them as the active ingredient, to their use as medicaments and to their use in the manufacture of medicaments for use in the treatment in warm-blooded animals such as humans of diseases such as cancer.

No. of Pages : 255 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : HERBAL COMPOSITION FOR PREVENTION AND CONTROL OF INSECT AND LEAF CURL IN BRINJAL AND CHILLY CROPS

(51) International classification	:A01N31/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RATHOD Nagbhai Bachubhai
(32) Priority Date	:NA	Address of Applicant :Vanot (via - Vijepadi) Tal
(33) Name of priority country	:NA	Savarkundala Dist. Amreli 364530 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RATHOD Nagbhai Bachubhai
(87) 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 :

Herbal Composition for Prevention and Control of Insect and Leaf Curl in Agricultural Crops A herbal formulation for controlling insect pest and leaf curl in crops like chilli and brinjal comprising an extract of plant Balanites aegyptiaca (L.) Del.. A process for preparing the said herbal formulation comprising steps of; preparing the mixture of leaves and/or fruits of the plants, soaking the plants mixture in the solvent preferably water, preparing the extraction by crushing and extraction of soaked plant part, adding solvent preferably water for further dilution of the extract.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2009

(21) Application No.2618/MUM/2009 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF DESMETHYL DIPHENYL HYDRAMINE HYDROCHLORIDE

(51) International classification	:C07C241/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WANBURY LIMITED.

Address of Applicant :B-WING,10TH FLOOR,BSNL TECH
PARK, SEC. 30 A, PLOT NO.39/5 & 39/5A, OPP. VASHI
RAILWAY STATION, NAVI-MUMBAI-400 703,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)GHARPURE, MILIND MORESHWAR

2)VANKAWALA, PRAVINCHANDRA JAYANTILAL.

3)BHUTE,RAMESH BHIKA

4)PATIL, DEVIDAS BARKU

5)DOMMETI, RANJIT KUMAR

(57) Abstract :

The present invention discloses a process for preparation of desmethyl diphenylhydramine hydrochloride (I), in good yield and purity, comprising the steps of; (i)reacting diphenylhydramine carbamate (DPH. carbamate) with a basic compound to form desmethyl diphenylhydramine base; and (ii)reacting desmethyl diphenylhydramine base with hydrochloric acid to form desmethyl diphenylhydramine hydrochloride.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1057/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :24/02/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : USE OF MACROLIDES IN PEST CONTROL

(51) International classification :A01N43/22, A01N43/90
(31) Priority Document No :2961/97
(32) Priority Date :23/12/1997
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP98/08384
Filing Date :21/12/1998
(87) International Publication No :WO/1999/033343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2000/00119/CHE
Filed on :21/12/1998

(71)Name of Applicant :

1)SYNGENTA PARTICIPATIONS AG

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

(72)Name of Inventor :

1)DIETER, HOFER,

2)MARIUS SUTTER

3)FRANZ BRANDL

4)BRUCE LEE,

5)ROGER GRAHAM HALL

6)MAX ANGST

(57) Abstract :

The present invention relates to a method of controlling pests with macrolide compounds; more specifically: A) a method of controlling pests in and on transgenic crops of useful plants, such as, for example, in crops of maize, cereals, soya beans, tomatoes, cotton, potatoes, rice and mustard, with a macrolide compound, characterized in that a pesticidal composition comprising a macrolide compound in free form or in agrochemically useful salt form and at least one auxiliary is applied to the pests or their environment, in particular to the crop plant itself; B) a method of protecting plant propagation material and plant organs formed at a later point in time from attack by pests, characterized in that a pesticide comprising, as pesticidally active compound, at least one macrolide compound as active ingredient and at least one auxiliary in close spatial proximity to, or spatially together with, planting or applying the propagation material is employed to the site of planting or sowing; C) a method of controlling wood pests and molluscs with a macrolide compound, wherein a pesticidally active amount of a pesticide comprising, as pesticidally active compound, at least one macrolide, in free form or agrochemically utilizable salt form, as active ingredient and at least one auxiliary is applied to the pests or their environment; the corresponding use of these compounds, corresponding pesticides whose active ingredient is selected from amongst these compounds, a method for the preparation and the use of these compositions, and plant propagation material which is protected in this manner from attack by pests.

No. of Pages : 149 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1122/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :14/05/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A SWITCHING SYSTEM TO ENABLE HEATING ENVIRONMENT USING A LOW POWER RENEWABLE ENERGY SOURCE

(51) International classification	:H02J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:1540/CHE/2008
Filed on	:25/06/2008
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GEORGE JACOB

Address of Applicant :259, 3RD CROSS STREET, 1ST
MAIN ROAD, DOMALUR II STAGE, BANGALORE 560071
Karnataka India

(72)**Name of Inventor :**

1)GEORGE JACOB

(57) Abstract :

A system, method and apparatus of a switching system to enable heating environment using a low power renewable energy source are disclosed. In one embodiment, a switching system for a natural stone heating panel to heat environment from the low power renewable energy source. The system includes a natural stone heating panel having a top layer, a middle layer and a bottom layer. The system also includes a switching system having programmable multiple switches to deliver power to heat up a different areas as needed by time as well as temperature. The system further includes a renewable power generator to generate power to heat the environment as required a panel. In addition, the system includes a rotating switch mechanism to use low powered renewable energy.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1520/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :16/07/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : MOBIL PHONE, LAPTOP, NOTEBOOK PC, CAMERA, TELEVISION PROJECTORS ETC., AND INCORPORATED A-Z TECHNOLOGY IS OPERATE SIMULTANEOUSLY IN A MOBILE PHONE.

(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)SOMASUNDARAM RAMKUMAR.

Address of Applicant :28, SOUTH STREET,
TALLAKULAM, MADURAI-625 002 Tamil Nadu India

(72)Name of Inventor :

1)SOMASUNDARAM RAMKUMAR.

(57) Abstract :

This is an invention related to mobile phone in particular. This invention also related to projector, laptop, notebook PC, wrist watch, camera, television, palm, compact disc player and/or recorder, game devices, Personal Digital Assistant (PDA), computer monitor, printer, remote control and so on. The object of the invention is a mobile phone is to be incorporated with a provision of one projector or plurality of projector can be selectively activated or simultaneously activated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1709/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :03/08/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : WEIGHING APPARATUS FOR VISUALLY CHALLENGED

(51) International classification	:G01G	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VISHNU RAMA CHANDRAN
(32) Priority Date	:NA	Address of Applicant :S/O. RAMA CHANDRAN T.
(33) Name of priority country	:NA	INDEEVARAM NEAR CHINMAYA SCHOOL ROAD,
(86) International Application No	:NA	NELLIKODE, DISTRICT-KOZHIKODE, PIN-673016 Kerala
Filing Date	:NA	India
(87) International Publication No	: NA	2)SANJAY MENON
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHNU RAMA CHANDRAN
(62) Divisional to Application Number	:NA	2)SANJAY MENON
Filing Date	:NA	

(57) Abstract :

The present invention pertains to Weighing Apparatuses and more particularly to an electro Magnetic Weighing Apparatus suitable for visually challenged persons.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1724/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :06/08/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : A METHOD AND SYSTEM FOR MERCHANT-INDEPENDENT LOYALTY PROGRAM

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INNOVITI EMBEDDED SOLUTIONS PVT. LTD
(32) Priority Date	:NA	Address of Applicant :503 & 504, OXFORD CHAMBERS,
(33) Name of priority country	:NA	RUSTAM BAGH MAIN ROAD, KODIHALLY, BANGALORE
(86) International Application No	:NA	- 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJEEV AGRAWAL
(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 merchant-independent customer loyalty program that uses a single identity of the customer to award loyalty points for purchases made at a merchant location and for redemption of the same at merchant locations and for information access of the above information by merchants and customers, said system comprising of. It specifies a framework, method and system for accomplishing the above by the use of the customers mobile phone and merchants electronic data capture machine. It also specifies a method by which the reward and redemption point settlement for inter-merchant earn and burn is handled through the merchant card settlement done by banks. An embodiment for enrolment, reward, redemption and information access in this loyalty system is described.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1764/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :09/08/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONDITION SPECIFIC NUTRITION PACK FOR BRAIN AND NERVOUS SYSTEM

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)J. SRINIVASAN
(32) Priority Date	:NA	Address of Applicant :TRANQUILITY 333, 7-A MAIN
(33) Name of priority country	:NA	ROAD 4TH BLOCK KORAMANGALA BANGALORE 560034
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)K.GOPALAKRISHNAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)J. SRINIVASAN
Filing Date	:NA	2)K.GOPALAKRISHNAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nutritional needs for Brain and Nervous System require a wide range of nutrients to be consumed without concomitant calorific intake. The Invention accomplishes this objective through a nutritional formulation comprising all the relevant nutrients, delivered with minimal calorific value. The formulation can be made with a choice of flavours and a variety of presentation formats to suit consumer preferences.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1836/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :17/08/2007

(43) Publication Date : 10/02/2012

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

(51) International classification	:C07D309/00
(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 REDDYS LABORATORIES LIMITED
Address of Applicant :7-1-27, AMEERPET HYDERABAD
500016 Andhra Pradesh India
(72)**Name of Inventor :**
1)VENKATA NAGA BRAHMESWARA RAO MANDAVA
2)RADHA KRISHNA SINGAMSETTY
3)SATISH KUMAR VUJJNI

(57) Abstract :

The present invention relates to an improved process for preparing simvastatin, by lactonisation of 3,5-dihydroxy acid or salt by addition of a mineral acid in single lot in a water miscible solvent to effect lactonization, followed by addition of base to effect crystallization of the product from the reaction mixture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.184/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :09/01/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : MEMS DISPLAY DEVICES AND METHODS OF FABRICATING THE SAME

(51) International classification :G02B 26/08

(31) Priority Document No :60/951,930

(32) Priority Date :25/07/2007

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

(86) International Application No :PCT/US2008/070928

Filing Date :23/07/2008

(87) International Publication No :WO/2009/015231

(61) 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 Mems Technologies Inc

Address of Applicant :5775 Morehouse Drive, San Diego,
California 92121-1714, U.S.A.

(72)Name of Inventor :

1)CHANG Daniel

2)BOS Jan

3)GANTI Suryaprakash

4)KOTHARI Manish

(57) Abstract :

MEMS devices include materials which are used in LCD or OLED fabrication to facilitate fabrication on the same manufacturing systems. Where possible, the same or similar materials are used for multiple layers in the MEMS device, and use of transparent conductors for partially transparent electrodes can be avoided to minimize the number of materials needed and minimize fabrication costs. Certain layers comprise alloys selected to achieve desired properties. Intermediate treatment of deposited layers during the manufacturing process can be used to provide layers having desired properties.

No. of Pages : 42 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :24/08/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : FREE FLOWING CINACALCET HYDROCHLORIDE

(51) International classification	:C07C209/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR REDDY'S LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :7-1-27, AMEERPET, HYDERABAD-
(33) Name of priority country	:NA	500016, ANDHRA PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANNE NAGA RAJU
(87) International Publication No	: NA	2)UDAY KUMAR NEELAM
(61) Patent of Addition to Application Number	:NA	3)SACHIN GULABRAO SHINDE
Filing Date	:NA	4)NAVEENKUMAR KOLLA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparing non-needle shaped crystalline Form I of cinacalcet hydrochloride comprising: (1) providing a solution of cinacalcet hydrochloride in a suitable solvent; (2) optionally adding an anti solvent to the solution of step (1) and (3) recovering the solid of step (2). The process of claim 1, wherein the solvent is alcohol, ketone, ester, nitrile; or mixtures thereof; or their mixture with water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :27/08/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : STABLE DELAYED RELEASE FORMULATION OF DIVALPROEX SODIUM

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :Aurobindo Pharma Ltd, Plot No. 2,
(33) Name of priority country	:NA	Maitrivihar, Ameerpet, Hyderabad - 500 038. Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)YANDE VIKAS
(61) Patent of Addition to Application Number	:NA	2)KULKARNI SHAILESH
Filing Date	:NA	3)NARASIMHARAGHAVAN SRICHAKRAVARTHY
(62) Divisional to Application Number	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to stable delayed release formulations comprising valproic acid, a pharmaceutically acceptable salt, ester, or amide thereof. More particularly, the present invention relates to stable delayed release formulation of divalproex sodium. The present invention also relates to a process for the preparation of stable delayed release formulation of divalproex sodium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1967/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :13/08/2008

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN INK CONTAINER

(51) International classification	:B23P1/00
(31) Priority Document No	:435940/2003
(32) Priority Date	:26/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1416/CHE/2004
Filed on	:22/12/2004

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, Japan

(72)Name of Inventor :

1)YAMAMOTO HAJIME,

2)SHIMIZU, EIICHIRO,

3)WATANABE KENJIRO,

4)YAMAGUCHI YUKOU,

(57) Abstract :

A liquid container detachably mountable to a mounting portion of an apparatus, the mounting portion comprising a first locking portion and a second locking portion, the liquid container including a casing for containing liquid and a supply port for supplying the liquid to an Inkjet head, the liquid container includes a first engaging portion provided at a first side of the casing and engageable with the first locking portion; a second engaging portion provided opposed to a second side of the casing which is opposite the first side, the second engaging portion being engageable with the second locking portion; a supporting member for displaceably supporting the second engaging portion a contact contactable to a member provided in the mounting portion to permit information display means to display information relating to the liquid container, wherein the supply port is disposed in a third side of the casing which is between the first side and the second side, and the contact is disposed at a corner region between the second side and the third side.

No. of Pages : 80 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2007/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :07/09/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : A COMPOSITION FOR CURING DISEASES OF BOVIDS

(51) International classification	:A61K36/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BENNY ANTONY
(32) Priority Date	:NA	Address of Applicant :ARJUNA NATURAL EXTRACTS
(33) Name of priority country	:NA	LTD, BANK ROAD, ALUVA - 683 101 Kerala India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BENNY ANTONY
(87) 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 a composition for treating diseases of bovids. The present invention comprises of curcumin and the essential oil of turmeric which is highly active as an anti-inflammatory agent in the udder of bovids (cow, doe, ewe). The present composition is also highly active as an antiseptic agent in superficial wounds in bovids (cattle, goat, sheep).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2021/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :10/09/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELECTRICAL FUEL LIFT PUMP

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRICOL LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 6331 1087-A,
(33) Name of priority country	:NA	AVINASHI ROAD, COIMBATORE 641 037 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)N. JAYAPRAKASHAN
(87) International Publication No	: NA	2)V. DHANDAPANI
(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 fuel pumping device and more particularly to a fuel flow system for engines adapted to ensure continuous and constant flow of fuel to the engine. The fuel flow system of the present invention ensures that the rate of discharge is constant and would favour noiseless and smooth operation. Advantageously the fuel pump system of the present invention is adapted to be used for both petrol and diesel engines and also be mounted anywhere in between the fuel circuit connecting fuel tank and engine.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2021/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : MEGANUCLEASE VARIANTS CLEAVING A DNA TARGET SEQUENCE FROM A GLUTAMINE SYNTHETASE GENE AND USES THEREOF

(51) International classification	:C12N9/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2008/003109
Filing Date	:08/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CELLECTIS

Address of Applicant :102 avenue Gaston Roussel 93235
Romainville Cedex France

2)CELLECTIS

(72)Name of Inventor :

1)SMITH Julianne

(57) Abstract :

An I-CreI variant, wherein one of the two I-CreI monomers has at least two substitutions, one in each of the two functional subdomains of the LAGLIDADG core domain situated respectively from positions 28 to 40 and 44 to 77 of I-CreI, said variant being able to cleave a DNA target sequence from the Glutamine Synthetase gene. Use of said variant and derived products for improving expression system for the production of recombinant protein.

No. of Pages : 114 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2027/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM FOR RECONSTITUTION OF A POWDERED DRUG

(51) International classification :A61J1/20
(31) Priority Document No :08166702.4
(32) Priority Date :15/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/063506
Filing Date :15/10/2009
(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)Novo Nordisk Health Care AG
Address of Applicant :Andreasstrasse 15 CH-8050 Zurich
Switzerland
(72)**Name of Inventor :**
1)Kragelund Lasse
2)Hansen John Thrane

(57) Abstract :

The invention also relates to a transfer unit comprising first and second ports for receiving first and second containers, respectively, a third port for coupling to a syringe, a number of fluid pathways interconnecting the ports, at least one flow control member which allows a user to switch between two states of fluid flow, and a locking means to ensure that the at least one flow control member can only be manipulated when a syringe is coupled to the third port.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2036/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :11/09/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : TEXTILE PACKAGE INFORMATION AND MANAGEMENT SYSTEM

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PREMIER EVOLVICS PVT LTD
(32) Priority Date	:NA	Address of Applicant :304, TRICHY ROAD SINGANALLUR
(33) Name of priority country	:NA	COIMBATORE 641 005 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALASUBRAMANIAM SHANMUGA, SUNDARAM
(87) International Publication No	: NA	2)VALAVADI, SOUNDARARAJAN, RAMESH
(61) Patent of Addition to Application Number	:NA	3)VARADARAJAN SRINIVASAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the collection, collation and categorization of the information and traces it to the textile product carriers in a textile mill. The invention encompasses the labeling or coding or tagging of such textile product carriers appropriately and tracking the productivity and quality of these textile product carriers in the final process stage of a spinning mill and in particular to the winding process, the twisting process and the open-end/rotor spinning process. This gives comprehensive information of the production and quality of the textile material carried by these product carriers such as cone/cheese/spools. This information is useful both for the producer and the buyer of the yarn.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2082/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :17/09/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN INSURANCE, PLAN, METHOD, MANNER AND INNOVATIVE PENSION PLAN FOR SENIOR CITIZENS, PARENTS, AGED PERSONS AND THE ELDERLY COMMUNITY

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREEJITH N. VIJAYARAJ
(32) Priority Date	:NA	Address of Applicant :S/O N.S VIJAYARAJ, 28/3701-C,
(33) Name of priority country	:NA	VIJAYASREE, KUTHIRAVATTOM, P.O, CALICUT-673 016
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SREEJITH N. VIJAYARAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The art, method, process and manner of creating network system that will gather, collate, assess, determine, compute, calibrate, access, retrieve, store, preserve, update, prompt, alert, intimate, integrate, allocate, forecast, estimate the pay-roll data for organizations and convert them into intelligent computer network systems that will provide for social security of personnel and their families.

No. of Pages : 2 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2079/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CATIONIC POLYMER BASED WIRED ENZYME FORMULATIONS FOR USE IN ANALYTE SENSORS

(51) International classification	:C12Q1/00
(31) Priority Document No	:12/211,014
(32) Priority Date	:15/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056702
Filing Date	:11/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABBOTT DIABETES CARE INC.
Address of Applicant :1360 SOUTH LOOP
ROAD,ALAMEDA,CALIFORNIA 94502 U.S.A.
(72)**Name of Inventor :**
1)FELDMAN Benjamin J.
2)OUYANG Tianmei
3)LIU Zenghe

(57) Abstract :

Embodiments of the invention include analyte-responsive compositions and electrochemical analyte sensors having a sensing layer that includes an analyte-responsive enzyme and a cationic polymer. The sensing layer can beneficially further comprise a redox mediator material that assists in transferring electrons between the enzyme and an electrode. The mediator can be associated either covalently or noncovalently with the cationic polymer, which, in turn, is disposed in close proximity to an electrode surface. Various organic ligand/transition metal complexes have been found to be useful in the role of the redox mediator. Also provided are systems and methods of making the sensors and using the electrochemical analyte sensors in analyte monitoring.

No. of Pages : 66 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :25/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : EUI BASED REMOTE DATABASE FOR DYNAMIC DEVICE CONTROL

(51) International classification :G06F17/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2008/078668

Filing Date :03/10/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive West
Houston TX 77070 U.S.A.

(72)Name of Inventor :

1)Leonard TSAI

(57) Abstract :

Systems and methods for controlling one or more appliances are provided. One or more appliances (150), each having one or more unique identifiers and one or more first network adapters can be in communication with one or more first networks (140). One or more network adapter devices (120) capable of bi-directional communication on the first network (140) and on one or more second networks (160) can be disposed on the first network (140). One or more appliance databases can be disposed in, on, or about the one or more second networks (160). One or more handheld controllers (110) can be in communication with the one or more network adapter devices (120) and the one or more appliances (150).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2099/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : HASH JOIN USING COLLABORATIVE PARALLEL FILTERING IN INTELLIGENT STORAGE WITH OFFLOADED BLOOM FILTERS

(51) International classification :G06F17/30
(31) Priority Document No :61/192,668
(32) Priority Date :19/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/057526
Filing Date :18/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Oracle International Corporation
Address of Applicant :500 Oracle Parkway Mail Stop 50P7
Redwood Shores California 94065 (US). U.S.A.
(72)Name of Inventor :
1)POTAPOV Dmitry
2)LAU Yiu Woon
3)JAKOBSSON Hakan
4)PANCHAKSHARIAIAH Umesh
5)KUMAR Poojan

(57) Abstract :

Processing resources at a storage system for a database server are utilized to perform aspects of a join operation that would conventionally be performed by the database server. When requesting a range of data units from a storage system, the database server includes join metadata describing aspects of the join operation for which the data is being requested. The join metadata may be, for instance, a bloom filter. The storage system reads the requested data from disk as normal. However, prior to sending the requested data back to the storage system, the storage system analyzes the raw data based on the join metadata, removing a certain amount of data that is guaranteed to be irrelevant to the join operation. The storage system then returns filtered data to the database server. The database system thereby avoids the unnecessary transfer of certain data between the storage system and the database server.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR THE QUANTITATIVE DETERMINATION OF TOTAL LACTONES IN ANDROGRAPHIS PANICULATA

(51) International classification	:G01N33/50, G01N33/52
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SG2008/000368
Filing Date	:26/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE THAILAND RESEARCH FUND

Address of Applicant :14th Floor SM Tower 979/17-21
Phaholyothin Road Samsaen-nai Phayathai Bangkok 10400
Thailand

2)KHON KAEN UNIVERSITY

3)AXIS IP HOLDING PTE LTD

(72)Name of Inventor :

1)AROMDEE Chantana

2)DAODEE Supawadee

(57) Abstract :

A method apparatus and apparatus for determining quantity of lactones in andrographis paniculata are disclosed. The method and apparatus initially involve combining a test sample containing andrographis paniculata and a matrix solution to form a first solution obtained through leaching actions. The method and apparatus then involve combining the first solution and a colour developing chemical to form a second solution. The apparatus and method further involve combining the second solution and an alkaline solution to form a third solution through ionic reaction, the third solution developing a colour. More specifically, the colour of the third solution is observable to determine the amount of lactones in the test sample containing andrographis paniculata.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONFIGURATION OF MULTI-PERIODICITY SEMI-PERSISTENT SCHEDULING FOR TIME DIVISION DUPLEX OPERATION IN A PACKET-BASED WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L5/00
(31) Priority Document No	:61/098,504
(32) Priority Date	:19/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/006899
Filing Date	:19/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland
(72)**Name of Inventor :**
1)Jussi Ojala
2)Hai Ming Wang
3)Esa Malkamaki
4)Jing Hang

(57) Abstract :

Systems and methods for determining the periodicity for a multiple periodicity SPS allocation using implicit rules for a TDD communications system are disclosed. A communication terminal such as a UE is provided that may determine the periodicity for a multiple periodicity SPS allocation using implicit rules to calculate a delta value to form a long time period and a shorter time period, forming a periodic pattern where the rules depend on the TDD configuration being used. In another embodiment a communication terminal such as a UE is provided that may determine the periodicity for a multiple periodicity SPS allocation using implicit rules to calculate a delta value to form a long time period and a shorter time period forming a periodic pattern, where the rules depend on the TDD configuration being used and the HARQ process being used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2123/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : PORPHOBILINOGEN DEAMINASE GENE THERAPY

(51) International classification :C12N9/88,
C12N15/09
(31) Priority Document No :08165393.3
(32) Priority Date :29/09/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2009/050584
Filing Date :29/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AMSTERDAM MOLECULAR THERAPEUTICS (AMT) B.V.

Address of Applicant :Meibergdreef 61 NL-1105 BA
Amsterdam the Netherlands.

2)PROYECTO DE BIOMEDICINA CIMA S.L.

(72)Name of Inventor :

1)FONTANELLAS ROM Antonio

2)GONZLEZ ASEGUINOLAZA Gloria

3)RODRIGUEZ PENA Maria Sol

4)PA'EDA RODRIGUEZ Maria Astrid

5)TWISK Jaap

6)PRIETO VALTUE'A Jes's Maria

7)PETRY Harald

8)VAN DEVENTER Sander Jan Hendrik

(57) Abstract :

The present invention relates to nucleotide sequences coding for human porphobilinogen deaminase that are optimised for higher expression in mammalian cells. The invention further relates to DNA constructs comprising such optimised synthetic coding sequences for use in gene therapy of conditions caused by a deficiency in porphobilinogen deaminase, such as acute intermittent porphyria. Accordingly, the present invention relates to a nucleic acid or a nucleic acid construct comprising a nucleotide sequence coding for a human porphobilinogen deaminase, wherein at least 320 of the codons coding for the human porphobilinogen deaminase are identical to the codons in SEQ ID NO: 1 or wherein at least 305 of the codons coding for the human porphobilinogen deaminase are identical to the codons in SEQ ID NO: 3.

No. of Pages : 47 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2121/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR UPDATING A SOFTWARE IMAGE

(51) International classification :G06F9/445

(31) Priority Document No :0817514.3

(32) Priority Date :24/09/2008

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

(86) International Application No :PCT/IB2009/054145

Filing Date :22/09/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Rajeswari Rajan

2)Lars Kurth

(57) Abstract :

A method and apparatus for updating the software image on a plurality of computing devices which comprises creating a simulated version of the software image of the devices in a changed format, altering the simulated version of the software image and copying the altered version back to the devices. The change of format typically obviates the need for human interaction during the update process.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2124/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :02/09/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : A FACILE, NOVEL AND CHEAPER PROCESS FOR THE SYNTHESIS OF mPEG-PROPIONALDEHYDE

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHASUN CHEMICALS AND DRUGS LIMITED
(32) Priority Date	:NA	Address of Applicant :SHASUN HOUSE, 3 DORAISWAMY
(33) Name of priority country	:NA	ROAD, T.NAGAR, CHENNAI-600 017 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KALIYAN KARUPAIYAN
(87) International Publication No	: NA	2)KADHIR VELU RAJENDRAN
(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 preparing propionaldehyde derivatives of alkoxy-Poly(ethylene glycols) is disclosed herein. The method includes reacting alkoxy-poly(ethylene glycols) with acrolein in presence of p-Toluene sulphonic acid (PTSA) as a catalyst to get propionaldehyde derivatives of alkoxy-Poly(ethylene glycols).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2124/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM AND METHOD FOR ACCURATE AND RAPID IDENTIFICATION OF DISEASED REGIONS ON BIOLOGICAL IMAGES WITH APPLICATIONS TO DISEASE DIAGNOSIS AND PROGNOSIS

(51) International classification :G06K9/00
(31) Priority Document No :61/093,884
(32) Priority Date :03/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/004979
Filing Date :03/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RUTGERS THE STATE UNIVERSITY OF NEW JERSEY
Address of Applicant :Asb III 3 Rutgers Plaza New Brunswick NJ 08901 U.S.A.
(72)**Name of Inventor :**
1)Anant MADABHUSHI
2)James MONACO
3)John TOMASZEWSKI
4)Michael FELDMAN
5)Ajay BASAVANHALLY

(57) Abstract :

The present invention relates to a method and system for detecting biologically relevant structures in a hierarchical fashion, beginning at a low-resolution and proceeding to higher levels of resolution. The present invention also provides probabilistic pairwise Markov models (PPMMs) to classify these relevant structures. The invention is directed to a novel classification approach which weighs the importance of these structures. The present invention also provides a fast, efficient computer-aided detection/diagnosis (CAD) system capable of rapidly processing medical images (i.e. high throughput). The computer-aided detection/diagnosis (CAD) system of the present invention allows for rapid analysis of medical images the improving the ability to effectively detect, diagnose, and treat certain diseases.

No. of Pages : 77 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2126/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUSES FOR SERVICE SELECTION AND INDICATION¶

(51) International classification :H04W48/18

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2008/008816

Filing Date :17/10/2008

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 Stockholm Sweden

(72)Name of Inventor :

1)LIDSTR-M Mattias

2)SVENSSON Martin

3)SHAHAN Michel

(57) Abstract :

A technique for providing a service availability indication to a user terminal is described. In a method realization, the technique comprises providing a data structure representative of user terminals and of inter-terminal relationships derived from one or more communication parameters pertaining to communications between the user terminals. Additionally, for at least some of the user terminals service utilization information for each of a plurality of services is provided. The technique further includes selecting, for at least one user terminal and from the plurality of services, a service not used by the at least one user terminal, wherein the service selection is based on the service utilization information provided for user terminals having a predefined association with the at least one user terminal as determined by the inter-terminal relationships, and sending a message indicative of the selected service to the at least one user terminal.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2122/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : EXPANSION OF EXTRUDED CEREALS WITH GOOD SOURCE OF FIBER

(51) International classification	:A23L1/00, A23L1/0522
(31) Priority Document No	:12/262,855
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061240
Filing Date	:20/10/2009
(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)THE QUAKER OATS COMPANY

Address of Applicant :555 West Monroe Street Chicago
Illinois 60661 U.S.A.

(72)Name of Inventor :

1)CHATEL Robert E.

2)MUI Sandy

3)FRENCH Justin A.

(57) Abstract :

A cereal composition comprising a waxy starch in an amount from about 5 to about 15% by weight of the total composition and a cereal mixture comprising a fiber source in an amount from about 1 to about 15% by weight of the total composition. The cereal composition is mixed with water and expanded by extrusion to form a high-fiber cereal product. Also, a method of producing a high fiber expanded cereal product comprising the step of combining a waxy starch in an amount from about 5 to about 15% by weight of the total composition and a cereal mixture comprising a fiber source in an amount from about 1 to about 15% by weight of the total composition to form a total cereal composition. The total cereal composition is mixed with water and extruded to form an expanded cereal product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2125/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELECTROFORMED THIN-WALL CUTTING SAWS AND CORE DRILLS IMPREGNATED WITH ABRASIVES

(51) International classification	:B24D5/12, B28D1/02
(31) Priority Document No	:12/203,920
(32) Priority Date	:04/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2009/000310
Filing Date	:02/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KIM & ED PTE LTD
Address of Applicant :86 Marine Parade Central #03-210
Singapore 440086.
(72)Name of Inventor :
1)PERRY Edward Robert

(57) Abstract :

The present invention describes electro formed thin-wall nickel cutting saws or blades (20) and core drills that are impregnated with diamond abrasives. The thin-wall saws and core drills are formed with a plurality of raised portions (22) and an equal plurality of recessed portions (24), with each raised portion (22) alternating with a recessed portion (24), the raised and recessed portions are substantially parallel or concentric and they are connected by transition portions (26). In another embodiment, some of the transition regions are formed with intermediate steps or partially raised and recessed portions. These intermediate steps or partially recessed and raised portions allow more uniform distribution of matrix material across a kerf width D1 as the cutting saw is spun, thereby giving the cut edge a substantially square profile.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2127/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MODIFICATION OF FRUCTAN BIOSYNTHESIS, INCREASING PLANT BIOMASS, AND ENHANCING PRODUCTIVITY OF BIOCHEMICAL PATHWAYS IN A PLANT

(51) International classification :C12N9/10,
A01H1/00
(31) Priority Document No :61/097,008
(32) Priority Date :15/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2009/001211
Filing Date :14/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AGRICULTURE VICTORIA SERVICES PTY LTD.
Address of Applicant :475 Mickleham Road Attwood
Victoria 3049 Australia
2)MOLECULAR PLANT BREEDING NOMINEES LTD
(72)Name of Inventor :
1)SPANGENBERG German
2)MOURADOV Aidyn
3)GRIFFITH Megan Elizabeth
4)MARTELOTTO Luciano Gaston

(57) Abstract :

The present invention relates to the modification of fructan biosynthesis in plants and, more particularly, to methods of manipulating fructan biosynthesis in photosynthetic cells, and to related nucleic acids and constructs. The present invention also relates to increasing plant biomass and, more particularly, to methods of enhancing biomass yield and/or yield stability, including shoot and/or root growth in a plant, and to related nucleic acids and constructs. The present invention also relates to methods of enhancing the productivity of biochemical pathways and, more particularly, to fusion proteins in plants, and to related nucleic acids and constructs.

No. of Pages : 247 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SEGMENTATION OF THE LONG-AXIS LATE-ENHANCEMENT CARDIAC MRI

(51) International classification :G06T7/00
(31) Priority Document No :08305513.7
(32) Priority Date :01/09/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2009/053723
Filing Date :25/08/2009
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)CIOFOLO-VEIT Cybele
2)FRADKIN Maxim

(57) Abstract :

The invention relates to a system (200) for delineating endocardial and epicardial contours of the heart in an image computed from long-axis image data, using a template defining curves for delineating the endocardial and epicardial contours in the image, the system (200) comprising a template-positioning unit (205) for positioning the template on the basis of short-axis image data, a scar map initialization unit (210) for initializing a scar map for use in adapting the template to the image, based on a prior segmentation of the endocardial and epicardial surfaces on the basis of the short-axis image data, and an adaptation unit (220) for adapting the template to the image, using a criterion function,

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : INPUT DEVICE WITH ROTARY WHEEL

(51) International classification	:G06F3/033, G08C17/00
(31) Priority Document No	:08163499.0
(32) Priority Date	:02/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053714
Filing Date	:24/08/2009
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)CHEN Koh S.
2)ANG Ai T.

(57) Abstract :

The invention relates to an input device (1) for an electronic apparatus, particularly for a remote-control. The input device (1) comprises a printed circuit board (200) with an opening (201) in which a rotary wheel module (100) is mounted. The design allows to realize the input device (1) with small thickness.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ULTRASOUND IMAGING

(51) International classification :G06F19/00
(31) Priority Document No :61/093744
(32) Priority Date :03/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2009/053717
Filing Date :24/08/2009
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)SNOOK Allen
2)GARG Rohit
3)VION Michael

(57) Abstract :

An ultrasound imaging system (UIS) comprises a user interface (UIF) that allows an operator to request visual aid. In response to a request for visual aid, a controller (CTRL) retrieves from a database a visual representation of a preferred manner of applying a probe to a patient, and causes a display device (DPL) to render the visual representation. Preferably, but not necessarily, the controller (CTRL) detects a step of a workflow protocol program (WPP) that is being carried out. The controller (CTRL) then selects from the database a visual representation pertaining to the step that is being carried out.

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

(54) Title of the invention : ROTATING MAGNETIC FIELD FOR IMPROVED DETECTION IN CLUSTER ASSAYS

(51) International classification :G01N33/543,
G01N35/00
(31) Priority Document No :08105253.2
(32) Priority Date :05/09/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2009/053868
Filing Date :04/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)RANZONI Andrea
2)PRINS Menno W. J.
3)OVSYANKO Mikhail M.

(57) Abstract :

The present invention is directed to a method of performing a cluster assay using the above-mentioned finding. According to the inventive method, a suspension of superparamagnetic particles in a fluid to be analyzed is provided, wherein the superparamagnetic particles are coated with a bioactive agent. The particles are then allowed to form clusters due to an analyte present within the fluid. Subsequently, clusters of superparamagnetic particles are selectively actuated by applying a rotating magnetic field, wherein the amplitude of the magnetic field varies over time. Finally, the selectively actuated clusters are detected. The present invention is further directed to an apparatus for performing a cluster assay. The apparatus comprises means for accommodating a sample and means for applying a rotating magnetic field, the magnetic field being adapted for selectively actuating clusters of superparamagnetic particles. The apparatus further comprises means for detecting the selectively actuated clusters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2132/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : HAIR DRYER, AN ATTACHMENT FOR A HAIR DRYER, AND A HAIR DRYER PROVIDED WITH SUCH AN ATTACHMENT

(51) International classification	:A45D20/12, F24H3/00
(31) Priority Document No	:08163831.4
(32) Priority Date	:08/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053820
Filing Date	:02/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)OBERMANN Wolfgang
2)RAMUSCH Adolf

(57) Abstract :

A hair dryer (1) comprises a housing (2) having a central axis (X). The housing (2) comprises an outlet (4) for a stream of air to flow through, and a flow guide means. The flow guide means comprises a static flow guide surface for guiding the stream of air, said flow guide surface being, at least partly, angled with respect to the central axis (X) of the housing (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2161/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

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

(51) International classification	:G01N27/20, A61B19/04
(31) Priority Document No	:200806868-6
(32) Priority Date	:02/09/2008
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/CN2009/073687
Filing Date	:02/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TGT ENTERPRISES LTD

Address of Applicant :1301 Bank of America Tower, 12
Harcourt Road Central Hong Kong China

(72)Name of Inventor :

1)DANIEL-CONSTANTIN BODEA

2)PATRICK HAMPE

(57) Abstract :

A system for detecting a defect in a membranous article comprising; an emitter probe connected to an electrical supply, said probe insertable into a cavity of said article; a sensor for receiving an electrical discharge from said probe; a conveyor system for bringing the probe and sensor into mutual proximity; a processor for measuring the potential difference between the probe and sensor, said processor capable of detecting a defect based upon said measurement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2160/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MESSAGE STORAGE AND RETRIEVAL

(51) International classification :H04W12/08

(31) Priority Document No :0816062.4

(32) Priority Date :03/09/2008

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

(86) International Application No :PCT/IB2009/053841

Filing Date :03/09/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Sudha Bheemanna

(57) Abstract :

A method of obfuscating messages stored in a message store or messages received by a computing device by comparing portions of the messages to user-specified criteria and encrypting or hiding portions of the message if the criteria are matched. The obfuscated messages are stored and access thereto is controlled by only permitting authorised users or applications to decrypt or access the message.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2164/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR SEPARABLE CHANNEL STATE FEEDBACK IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L1/00
(31) Priority Document No	:61/108,306
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061854
Filing Date	:23/10/2009
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)GOROKHOV Alexei Y.

(57) Abstract :

Systems and methodologies are described herein that facilitate the generation and use of separable, hierarchical channel state feedback in a wireless communication system. As described herein, in the event that multiple network nodes cooperate to conduct downlink transmissions to a network user, channel state feedback as reported by the network user can be separated into intra-node feedback relating to per-node channel conditions and inter-node feedback relating to relative phase and/or amplitude between channels corresponding to respective nodes. Further, a network user can select to report intra-node feedback and/or inter-node feedback based on network instructions, a cooperation strategy to be utilized by respective network nodes, or the like. As additionally described herein, respective codebooks on which inter-node and intra-node channel feedback is based can be configured to convey information relating to a partial channel description and/or to vary based on resource units (e.g., sub-bands, resource blocks, etc.) utilized for downlink communication.

No. of Pages : 59 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2162/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MULTI-CARRIER CONTROL METHOD, MULTI-CARRIER PEAK CLIPPING MODULE AND BASE STATION

(51) International classification	:H04B7/005, H04L27/34
(31) Priority Document No	:200810216615.2
(32) Priority Date	:28/09/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074277
Filing Date	:28/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.
(72)**Name of Inventor :**
1)YAO Guoqiang

(57) Abstract :

A multi-carrier peak clipping module includes a power calculating unit, a multi-carrier power accumulating unit, a multi-carrier peak clipping determining unit, a peak clipping calculating unit and a power conversing unit. The multi-carrier peak clipping module carries out a peak clipping process to a non-main broadcast control channel (BCCH) carrier of the multi-carrier to obtain the output power clipped of each carrier in next slot according to the input power control information of each carrier in next slot, and then to obtain the power control information adjusted of each carrier in next slot. A multi-carrier control method and base station are also provided. Through the peak clipping process to the non-main BCCH carrier, not to the main BCCH carrier, the total output power of the multi-carrier high power amplifier can be decreased under the situation of the power over-configured, and

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2167/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONSTRUCTION MATERIALS

(51) International classification	:C04B26/00
(31) Priority Document No	:0817677.8
(32) Priority Date	:26/09/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002292
Filing Date	:28/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF LEEDS

Address of Applicant :Leeds LS2 9JT United Kingdom

(72)Name of Inventor :

1)FORTH John Paul

(57) Abstract :

The present invention provides a composition for use in the production of a construction element, said composition comprising an aggregate and a glycerol binder. Construction elements produced using the composition are described. There is further provided a structural element comprising glycerol and an aggregate. A method for producing a construction element is provided comprising mixing glycerol with an aggregate in the presence of an aqueous medium and then curing said glycerol within said mixture. Further, vegetable oil could be comprised in the composition.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2168/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR H-ARQ SCHEDULING IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L1/18
(31) Priority Document No	:61/108,307
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061728
Filing Date	:22/10/2009
(87) International Publication No	:WO 111115 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

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 U.S.A.

(72)Name of Inventor :

1)GOROKHOV Alexei Y.

2)HOU Jilei

(57) Abstract :

Systems and methodologies are described herein that facilitate Hybrid Automatic Repeat Request (H-ARQ) scheduling and coordination in a wireless communication system. As described herein, a network node capable of cooperation with other nodes for communication to respective users can coordinate a cooperation strategy across nodes based on a H-ARQ protocol to be utilized for a given user. In the case of a synchronous H-ARQ protocol, communication can be scheduled as described herein such that initial transmissions to a user are conducted cooperatively and re-transmissions are conducted without inter-node cooperation. In the case of a H-ARQ protocol utilizing persistent assignments, transmission intervals can be calculated and utilized based on application latency requirements, backhaul link latency, or other factors. In the case of an asynchronous H-ARQ protocol, repeat transmissions can be coordinated in a similar manner to initial transmissions or conducted without inter-node cooperation based on latency sensitivity of an associated application.

No. of Pages : 55 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2163/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : MAGNETIC CONNECTOR WITH OPTICAL SIGNAL PATH

(51) International classification	:G02B6/38, G06F1/16
(31) Priority Document No	:12/241,036
(32) Priority Date	:30/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058619
Filing Date	:28/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Apple Inc

Address of Applicant :1 Infinite Loop Cupertino CA 95014
U.S.A.

(72)Name of Inventor :

1)DIFONZO John C.

2)LIGTENBERG Chris

3)CULBERT Michael

(57) Abstract :

Circuits, apparatus, and methods that provide a connector system that can supply both power and data to a mobile computing or other type of device using a single connection. Further examples also provide a power and data adapter that can provide power and data to a mobile computing device using a single cable. Further examples provide an easy disengagement when a cable connected to the connector is pulled. One such example provides a magnetic connector that uncouples without binding when its cord is pulled. Another example prevents power from being provided at a connector insert until the connector insert is placed in a connector receptacle.

No. of Pages : 40 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2165/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME

(51) International classification	:G06F3/041, G06F15/02
(31) Priority Document No	:08166049.0
(32) Priority Date	:07/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/CA2009/001421
Filing Date	:07/10/2009
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada.

(72)Name of Inventor :

1)KWOK Jordanna

2)ZINN Ronald Scotte

3)YANG Qian Amanda

4)LANGLOIS Michael George

5)CANTON Raymond L.

(57) Abstract :

A method includes displaying information on a touch-sensitive display, detecting a touch at location associated with the information, rendering an indicator and a cursor at a position within the information, detecting a moving touch associated with the indicator, and moving the cursor along the information as the indicator is moved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2170/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR PRODUCING CUMENE

(51) International classification	:C07C2/86, C07C15/085
(31) Priority Document No	:61/103,066
(32) Priority Date	:06/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057949
Filing Date	:23/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BADGER LICENSING LLC

Address of Applicant :One Main Street Cambridge MA
02142 U.S.A.

(72)Name of Inventor :

1)HWANG Shyh-yuan Henry

2)JOHNSON Dana E.

3)PETERS Joseph C.

4)CHI Chung-ming

5)FALLON Kevin J.

6)DEMERS Francis A.

(57) Abstract :

In a process for producing cumene from acetone and benzene, a feed stream comprising acetone is contacted with hydrogen in the presence of a hydrogenation catalyst in a first reaction zone under hydrogenation conditions sufficient to convert at least part of the acetone to isopropanol and produce a first liquid effluent stream rich in isopropanol and a first vapor stream rich in unreacted hydrogen. Benzene is then added to at least part of the first liquid effluent stream, without intermediate purification of the first liquid effluent stream, and optionally to at least part of the first vapor stream, to form a second feed stream. The second feed stream is then contacted with an alkylation catalyst in a second reaction zone separate from the first reaction zone under alkylation conditions sufficient to maintain at least part of the second feed stream in the liquid phase and to cause.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2169/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR ANCHOR CELL DESIGNATION IN NETWORK MIMO

(51) International classification	:H04W36/18, H04B7/02
(31) Priority Document No	:61/108,297
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061726
Filing Date	:22/10/2009
(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 U.S.A.

(72)Name of Inventor :

1)PALANKI Ravi

2)GOROKHOV Alexei Y.

3)BHUSHAN Naga

(57) Abstract :

Systems and methods that designate a control attachment point(s) during transmission of data in a Coordinated Multipoint (CoMP) system. The control attachment point is represented by an anchor cell to address control signaling and represent a User Equipments (UE) interaction with the wireless communication system from a perspective of control (e.g., supplying/sending grants to the UE, transmitting/receiving ACKS on the downlink/uplink to the UE, control information (CQI), and the like.) The cells can further engage in backhaul transfer of information therebetween, and dynamic switching/change of anchor point based on criteria such as control loading, channel quality, and the like can further be implemented.

No. of Pages : 45 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2197/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELECTROFUSION FITTING

(51) International classification	:F16L47/03, F16L13/02
(31) Priority Document No	:0818693.4
(32) Priority Date	:11/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002405
Filing Date	:08/10/2009
(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)PIONEER LINING TECHNOLOGY LIMITED

Address of Applicant :1 Aurora Avenue Queens Quay
Clydebank G81 1BF United Kingdom

(72)Name of Inventor :

1)KENWORTHY David Michael Anthony

(57) Abstract :

The invention relates to electrofusion fittings. Hitherto, electrical leads (13) to electrofusion fittings have been passed through the gap between adjacent metal pipe length (1) ends, that are subsequently welded. The electrical leads remain in the weld metal as a contaminant that can be harmful to the integrity of the weld, and the objection of the invention is to eliminate the problem. The objection is met by a construction of electrofusion fitting comprising a tubular length of thermoplastic material (3), of an outer diameter commensurate with the inner diameter of the ends of a compatible thermoplastic material lining of adjacent lengths of metal pipe (1), there being at each end of the fitting at least two heater coils on or ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2199/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : THERAPY SYSTEM FOR DEPOSITING ENERGY

(51) International classification :A61N7/02
(31) Priority Document No :61/095367
(32) Priority Date :09/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2009/053848
Filing Date :03/09/3009
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :
1)KOHLER Max O.
2)VAARA Teuvo J.
3)SOKKA Shunmugavelu
4)EHNHOLM Gosta J.

(57) Abstract :

A therapy system comprising a therapy module, e.g. a high-intensity-focused ultrasound transmitter, to perform successive deposits of energy in a target zone, the successive deposits being separated by a cool down period. The therapy system being provided with a thermometry module, e.g. by a magnetic resonance examination system configured for thermometry to measure temperature in a measurement field. A control module regulates the cool down period in dependence of the measured off-focus maximum temperature during the energy deposit preceding the cool down period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2198/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : COMPACT OPTICAL SYSTEM AD LENSES FOR PRODUCING UNIFORM COLLIMATED LIGHT

(51) International classification	:F21S8/10, F21V5/04
(31) Priority Document No	:PCT/IB2008/053640
(32) Priority Date	:09/09/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/IB2008/053640
Filing Date	:09/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
2)PHILIPS LUMILEDS LIGHTING COMPANY LLC.
(72)**Name of Inventor :**
1)BLOEMEN Pascal J.H.
2)STASSAR. Emanuel N.H.J.

(57) Abstract :

An optical system includes a cylindrical side emitter lens (110), a reflector (130) and a cylindrical Fresnel lens (150) to produce a substantially uniformly illuminated exit plane with well collimated light in the forward direction. The cylindrical side emitter lens (110) redirects light from a light source (102), such as a number of light emitting diodes (102) placed in a straight line, into side emitted light along an optical axis that is parallel with the exit plane. The reflector (130) may be a stepped multi-focal length reflector that includes multiple reflector surfaces with different focal lengths based on the surfaces distance to the light source and height to redirect light from the cylindrical side emitter lens (110) to illuminate the exit plane and collimate the light along one axis in the forward direction.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2202/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : OLED LIGHTING DEVICE WITH TAG ELEMENT

(51) International classification	:H05B33/02, H05B33/08
(31) Priority Document No	:08105267.2
(32) Priority Date	:09/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053762
Filing Date	:28/08/2009
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)HENTE Dirk
2)JACOBS Joseph H. A. M.

(57) Abstract :

The invention relates to an organic light emitting diode (OLED) device (200) comprising a tag element (201) that encodes operating information about the device, for example its maximal driving current, such that this information can be read out wirelessly and/or electrically by wire but approximately without Ohmic losses. The invention further comprises a socket (600) with a read-out unit (601) for reading out the operating information from such a tag element (201). The tag element may for instance comprise a tag electrode (201) that can capacitively couple to a counter-electrode (601) in the socket.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2206/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :01/10/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : AMORPHOUS FESOTERODINE FUMARATE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220,
(33) Name of priority country	:NA	HAFNARFJOROUR Ice Land
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KISHORE CHARUGUNDLA
(87) International Publication No	: NA	2)UDHAYA KUMAR CHANDRAMOHAN
(61) Patent of Addition to Application Number	:NA	3)NEELA PRAVEEN KUMAR
Filing Date	:NA	4)NITIN SHARADCHANDRA PRADHAN
(62) Divisional to Application Number	:NA	5)JON VALGEIRSSON
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel amorphous form of fesoterodine fumarate, process for preparation, pharmaceutical compositions, and method of treating thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2203/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : HORIZONTAL FINNED HEAT EXCHANGER FOR CRYOGENIC RECONDENSING REFRIGERATION

(51) International classification	:F25D19/00, F17C13/08
(31) Priority Document No	:61/095392
(32) Priority Date	:09/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/053756
Filing Date	:27/08/2009
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)PFLEIDERER Glen G.
2)ACKERMANN Robert A.

(57) Abstract :

A cryogenic system includes a superconducting magnet (20) in a reservoir of liquid helium (LH). helium vapor (VH) rises and contacts a recondenser surface (50, 50, 50) on which the helium vapor (VH) condenses into liquid helium and flows by gravity off a lower edge of the recondenser surface. a plurality of fins (52) extend from the recondenser surface or a plurality of grooves (52, 52) are cut into the recondenser surface to disrupt the film thickness and to provide a path by which droplets of the liquid helium leave the recondenser surface without travelling a full vertical length of the recondenser (30).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2206/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD, SYSTEM, AND APPARATUS FOR ARRANGING CONTENT SEARCH RESULTS

(51) International classification :G06F17/30

(31) Priority Document No :12/209,343

(32) Priority Date :12/09/2008

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

(86) International Application No :PCT/FI2009/050719

Filing Date :09/09/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Murali Krishna Punaganti Venkata

2)Kristian Luoma

3)Jussi-Pekka Partanen

4)Mikko Kankainen

(57) Abstract :

Content search involves receiving a user-formulated search query via a user device. The search query is submitted to two or more search domains. The search domains represent separate data repositories accessible via the user device. Results objects are received from the two or more search domains in response to the search query. The results objects are ranked using different ranking criterion by the respective search domains from which the search results were received. A rank value for each of the results objects is determined based on a single ranking criterion. The results objects are ordered based at least in part on the rank values determined using the single ranking criterion and sent for display in a user interface of the user device.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2200/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : IMPROVED WIRE GRID SUBSTRATE STRUCTURE AND METHOD FOR MANUFACTURING SUCH A SUBSTRATE

(51) International classification	:G01N21/55, G01N21/64
(31) Priority Document No	:08163915.5
(32) Priority Date	:09/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053916
Filing Date	:08/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)KAHYA Neriman N.
2)KLUNDER Derk J. W.

(57) Abstract :

The present invention relates to a multi-layered substrate structure comprising at least one carrier layer (11), a first layer (12), said carrier layer and first layer being in contact with each other, and at least one second layer with a chemical composition different from the first layer (13) said first and second layer being in contact with each other, the second layer forming apertures each having at least one in-plane dimension (W1) smaller than the diffraction limit, the diffraction limit being defined by a radiation wavelength of the excitation light. The invention further relates to the use and manufacturing process of such a substrate structure and a luminescence sensor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2204/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CHELATING AMPHIPHILIC POLYMERS

(51) International classification	:A61K9/51, A61K47/48
(31) Priority Document No	:08163933.8
(32) Priority Date	:09/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053921
Filing Date	:08/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)GRUELL Holger
2)DE VRIES Anke
3)LANGEREIS Sander
4)LUB Johan
5)AUSSEMSCUSTERS Erica M. G.

(57) Abstract :

Described are amphiphilic polymers that are provided with chelating moieties. The amphiphilic polymers are block copolymers comprising a hydrophilic block and a hydrophobic block, with the chelating moieties linked to the end-group of the hydrophilic block. The disclosed polymers are capable of self-assembly into structures such as micelles and polymersomes. With suitable metals present in the form of coordination complexes with 5 the chelating moieties, the chelating amphiphilic polymers of the invention are suitable for use in various imaging techniques requiring metal labeling, such as MRI (T 1 /T 2 weighted contrast agents or CEST contrast agents) SPECT, PET or Spectral CT.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2201/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CONTACTING A DEVICE WITH A CONDUCTOR

(51) International classification	:H01L51/52, H01L23/485
(31) Priority Document No	:08105269.8
(32) Priority Date	:09/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053764
Filing Date	:28/08/2009
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)VAN BUUL Jeroen H. A. M.
2)SCHWAB Holger

(57) Abstract :

The invention relates to a method for contacting an OLED with a conductor 6, the device 1 comprising a substrate 2 with at least one cell 3, a contact region 4 and an encapsulation 5 comprising a thin film and the thin film comprising silicon nitride, silicon carbide or aluminum oxide, wherein the encapsulation 5 encapsulates at least the contact region 4, the method comprising the steps of arranging the conductor 6 on the encapsulation 5, and interconnecting the conductor 6 with the contact region 4 without removing the encapsulation 5 between the conductor 6 and the contact region 4 beforehand. This invention is advantageous as the encapsulation 5 between the conductor 6 and the contact region 4 does not need to be removed beforehand anymore.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2205/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 10/02/2012

(54) Title of the invention : IMAGING AGENTS OF FIBROTIC DISEASES

(51) International classification :A61K49/00,
C08G69/10
(31) Priority Document No :61/096,488
(32) Priority Date :12/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2009/004521
Filing Date :11/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NITTO DENKO CORPORATION

Address of Applicant :1-1-2 Shimohozumi Ibaraki-shi
Osaka 5678680 (JP) Japan

(72)Name of Inventor :

1)NITSU YOSHIRO

2)YU LEI

3)ZHAO GANG

4)VAN SANG

5)WANG XINGHE

6)LIU JIAN

7)KUMAR DAS SANJIB

8)TANAKA YASUNOBU

9)KAJIWARA KEIKO

10)TAKAHASHI HIROKAZU

11)MIYAZAKI MIYONO

(57) Abstract :

The present disclosure relates to agents and methods for imaging a cell and/or a portion of tissue characterized by fibrosis, as well as to agents and methods for determining and/or diagnosing fibrotic diseases are disclosed herein. Also disclosed herein are polymer conjugates that can include a detectable label, a retinoid and a polymer. The polymer conjugates can be used to image a portion of tissue, deliver a detectable label to a portion of tissue or a cell and/or diagnosis a condition or disease.

No. of Pages : 109 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2166/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ENHANCING OUTAGE CAPACITY BASED ON ADAPTIVE MODE SWITCHING BETWEEN ON-FREQUENCY AND FREQUENCY TRANSLATION¶

(51) International classification	:H04W16/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2008/051300
Filing Date	:12/11/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :SE-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)LARSSON Peter
2)FRENGER PI
3)BALDEMAIR Robert
4)JOHANSSON Niklas

(57) Abstract :

A method includes determining channel quality feedback information characterizing the channels statistically and calculating, based on the channel quality feedback information, a robustness related measure, such as outage capacity, associated with an on- frequency mode of operation and a robustness related measure, such as an outage capacity, associated with a frequency translated mode of operation. The method includes selecting the on-frequency mode of operation or the frequency translated mode of operation that maximizes the robustness related measure, such as outage capacity. The method also includes transmitting a message to other devices to operate in the selected on-frequency or a frequency translated modes. The method also includes performing maximum ratio combining or interference rejection combining, by at least one of the other devices, when the message indicates to operate in the frequency translated mode.

No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2282/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :10/10/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : A TRANSMISSION COMPONENT

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant :NEW NO 6, OLD NO 157, II FLOOR
(33) Name of priority country	:NA	HABIBULLAH ROAD T.NAGAR CHENNAI 600 017 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASHISH MOHANIRAJ JOSHI
(61) Patent of Addition to Application Number	:NA	2)HARSHAL RAMESH HIVARKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A shift drum (119) for an automotive transmission comprising a first module (119a) configured to accommodate a pre-selected baseline number of transmission ratios wherein the first module (119a) is provided with connection means (120) for connection with a second module (119b) configured to accommodate one or more transmission ratios above the baseline number of transmission ratios. The shift drum may be included within a transmission for a vehicle such as a motorcycle. The modular construction allows ready assembly of shift drums for a number of pre-determined transmission ratios thereby assisting inventory management at a vehicle assembly plant.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2352/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :17/10/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : EGEPSC(ENRICHED GAS, EMISSION, PNEUMATIC, SATURATION AND CONDENSATION) PROCESS AND SYSTEM

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUBRAHMANYAM KUMAR
(32) Priority Date	:NA	Address of Applicant :NO 1 SECOND STREET,
(33) Name of priority country	:NA	PADMANABHA NAGAR, ADYAR, CHENNAI 600 020 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUBRAHMANYAM KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for effective separation of Carbon bearing compound (Carbon dioxide gas) present in fossil fuel fired flue gas, to mitigate Global warming, by making the hot and dirty flue gas more amenable for ensuring ease of separation of Carbon dioxide gas, comprising of: Guiding the hot and dirty waste flue gas liberated on combustion of fossil fuel / agricultural waste / municipal waste to a quenching and scrubbing equipment (Q c S unit) through insulated ducts (No.: 1), wherein the cooling liquid (sea / brackish water) is sprayed into the said quenching and scrubbing unit through plurality of spraying nozzles (No.: 2) to produce saturated warm flue gas which passes through duct (No.: 4 or No.: 4A) and the polluted cooling liquid is discharged from the quenching and scrubbing unit through outlet (3) for recycling or further treatment; the warm and saturated flue gas is sent for temporary storage directly through duct

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2499/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :02/11/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : FLUID LIFTING DEVICE

(51) International classification	:F03B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HABBU, SANGANNA
(32) Priority Date	:NA	Address of Applicant :MUDNOOR TALUK-SURPUR
(33) Name of priority country	:NA	DISTRICT-GULBARGA, PINCODE-585216 Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HABBU, SANGANNA
(87) 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 fluid lifting device comprising one energy harnessing system; one power transmission system; and one pump. The invention also provides a process for lifting the fluid in the greater amounts. The energy harnessing system comprises hydro-turbine to harness the fluids and power transmission system comprises gears to transmit the power from hydro-turbine to pump. The pump collecting the fluids and throw out through outlet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2521/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :05/11/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING IMATINIB

(51) International classification	:C07D401/00
(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)ACTAVIS GROUP PTC EHF
Address of Applicant :REYKJAVIKURVEGI 76-78, 220,
HAFNARFJOROUR. Ice Land

(72)**Name of Inventor :**
1)UDAY RAJARAM BAPAT
2)MUNUSAMY JAYAMANI
3)DEVARAJ ILAVARASAN SENTHIL KUMAR
4)KALIYAPPAN VEERAMANI

(57) Abstract :

Disclosed herein is an improved, commercially viable and industrially advantageous process for the preparation of Imatinib or a pharmaceutically acceptable salt thereof in high yield and purity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2711/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :21/11/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : ROTARY RECLINER ASSEMBLY

(51) International classification	:B60N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IFB AUTOMOTIVE PVT LTD
(32) Priority Date	:NA	Address of Applicant :16, VISVESWARAIAH INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, MAHADEVAPURA, BANGALORE-560048
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BIJON NAG
(61) Patent of Addition to Application Number	:NA	2)REDDY, MANYAM, HEMADRI
Filing Date	:NA	3)WANI, AJAY
(62) Divisional to Application Number	:NA	4)SWAMINATHAN, GOPALAKRISHNAN
Filing Date	:NA	5)NAIDU, VIJAY, NANDAGOPAL

(57) Abstract :

The subject matter described herein relates to a rotary recliner assembly having a plurality of roller blocks operable for permitting desired position of a seat backrest over a wide range of reclining positions. The rotary recliner assembly comprises an upper gear having a first flange and a lower gear having a second flange. A plurality of roller blocks is disposed between the first flange and the second flange. Each of the roller blocks includes a plurality of roller members of different sizes, A resilient member connects two consecutive roller blocks with each other. An elongated member, having a flanged portion, is adapted to fit within the first flange such that at least one end of the flanged portion comes in contact with one end of at least one roller block.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2759/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :26/11/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR CONTROLLING FUELING RATE

(51) International classification

:F02D

(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)BAJAJ AUTO LIMITED

Address of Applicant :NEW NO. 6, OLD NO. 157, II FLOOR,
HABIBULLAH ROAD, T. NAGAR, CHENNAI-600 017 Tamil
Nadu India

(72)Name of Inventor :

1)JOSEPH ABRAHAM

2)UTPAT SHRIKANT TUKARAM

(57) Abstract :

A method of reducing the emissions from an engine, the method including the steps of, observing at least one vehicle operating condition, observing at least one vehicle operating parameter, establishing a threshold value for the operating parameter in light of the operating condition and regulating the engine fuelling rate if the threshold value is approached or exceeded.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2007

(21) Application No.2815/CHE/2007 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED WET GRINDER

(51) International classification	:B24B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THIRUMALAI ANANDAMPILLAI VIJAYAN
(32) Priority Date	:NA	Address of Applicant :19,FIRST STREET,
(33) Name of priority country	:NA	PARTHASARATHY NAGAR, ADAMBAKKAM, CHENNAI-
(86) International Application No	:NA	600 088. Tamil Nadu India
Filing Date	:NA	2)THIRUMALAI ANANDAMPILLAI APARNA
(87) International Publication No	: NA	3)THIRUMALAI ANANDAMPILLAI VIJAYAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THIRUMALAI ANANDAMPILLAI VIJAYAN
(62) Divisional to Application Number	:NA	2)THIRUMALAI ANANDAMPILLAI APARNA
Filing Date	:NA	3)THIRUMALAI ANANDAMPILLAI

(57) Abstract :

This grinder has a grinding vessel (4) with a circular bottom metal plate (1) with top radically beveled surface (5) and a central hole (6) with a seal (12). This hole (6) supports a projecting drive shaft (2) with a lower gear (10) or pulley and belt run by a motor (11). The drive shaft carries the cross rod (7) with two beveled metal rollers (3), the paste stopper (18), a spring (14) and a terminal lock nut (13). The vessel (4) and motor (11) are fixed in a frame (17). The metal conical rollers(3)with matching bevels runs on the beveled surface of lower plate (5) traps, crushes and stretches the paste for a smooth batter .The grinder has a transparent lid(15). The paste formation is faster saving on power. The size of grinder is lesser as stainless steel is harder than stone. The paste stopper (18) feeds the rolling grinding surfaces. The beveled rolling surfaces crush grains for a faster smoother paste

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2869/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :03/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : A FACING HEAD FOR PERFORMING FACING AND GROOVING OPERATIONS IN SYMMETRICAL AND NON-SYMMETRICAL COMPONENTS OF METAL CUTTING MACHINE TOOLS

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.24
(33) Name of priority country	:NA	(OLD NO. 8), HADDOWS ROAD, CHENNAI - 600 006. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRIKAKULAM KRISHNA SETTY VIJAY
(61) Patent of Addition to Application Number	:NA	2)JAYANNA KUMARAPPA
Filing Date	:NA	3)NARASHIMANAIDU KARUNAMOORTHY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A facing head for performing facing and grooving operations in symmetrical and non-symmetrical components of a metal cutting machine tool comprising a spindle assembly and a facing head assembly; an intermediate member between spindle assembly and facing head assembly; a draw bar actuating assembly and a cutout in the part 005 to facilitate dismantling of facing head from the exterior without dismantling the draw bar actuating assembly; an Allen screw located to obtain access from the exterior; relocation of parts 019 and 020, the said drawbar actuating assembly consisting of ball screw, support bearings , LM rail system, servo motor and coupling arrangement replacing the hydraulic cylinder and rotary joint.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2883/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :20/11/2008

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING MEDIA CONTENT

(51) International classification	:G06F12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Shankar Jayaraman
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for managing media content during an interactive telecommunication session is provided. The method includes sending a request to alter media attributes of a remote media source during the interactive telecommunication session. The method also includes checking rules associated with the media attributes at the remote media source based on the request. The method further includes altering the media attributes of the remote media source based on the checking. The system includes a first electronic device for providing the media content. The system further includes a second electronic device for playing the media content and automatically altering media attributes of the first electronic device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2889/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :04/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : VEHICLE DRIVEN CONCRETE MIXING AND PUMPING PLANT

(51) International classification

:B28C

(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)ASHOK LEYLAND LTD

Address of Applicant :19 RAJAJI SALAI, CHENNAI 600001,
Tamil Nadu India

2)AUTOMOTIVE COACHES COMPONENTS LTD.

(72)Name of Inventor :

1)ARAVIND BHARADWAJ

2)A. SESHADRI

3)V. RAMESH

4)R. PRADEEP

5)D. VIJAYARAJ

6)BIBIN ALIAS

7)B. RAMESH

(57) Abstract :

A concrete mixing and pumping plant which is mounted on a vehicle and powered by the vehicle engine for producing concrete and pumping the concrete to a desired location. The plant comprises a vehicle having a chassis; a concrete mixing assembly comprising plurality of storage bins for storing raw materials required to form the concrete; a mixing unit for mixing the raw materials to produce concrete; a weighing means for weighing the raw materials to be loaded into the mixing unit; a loading mechanism for loading the pre-determined quantity of raw materials to the mixing unit; a water tank for supplying the water to the mixing unit; a concrete pumping assembly comprising a hopper for storing the concrete delivered by the concrete mixing unit, a pumping unit for pumping the concrete, and boom/pipe lines for delivering the concrete to a desired location, a power take-off unit for deriving power from the vehicle engine and supplying the power to the concrete mixing assembly and the concrete pumping assembly; and a control system for controlling the operation of the components of the concrete mixing and pumping plant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2007

(21) Application No.2899/CHE/2007 A

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING ZAFIRLUKAST

		(71)Name of Applicant :
		1)DR REDDYS LABORATORIES LIMITED
		Address of Applicant :HARSHAL P BHAGWATWAR PH.D.
(51) International classification	:C07D209/00	INTELLECTUAL PROPERTY MANAGEMENT
(31) Priority Document No	:NA	INTEGRATED PRODUCT DEVELOPMENT C-BLOCK,
(32) Priority Date	:NA	INNOVATION PLAZA, DR. REDDYS LABORATORIES
(33) Name of priority country	:NA	LIMITED SURVEY. NO.42,45 & 46, BACHUPALLY-502325,
(86) International Application No	:NA	QUTUBULLAPUR(M), RANGA REDDY (DT) Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANUMULA RAGHUPATHI REDDY
Filing Date	:NA	2)GILLA GOVERDHAN
(62) Divisional to Application Number	:NA	3)ALLA SAMPATH
Filing Date	:NA	4)KURELLA SREENIVASULU
		5)KOPPARAPU RAMACHANDRA JANARDANA SARMA
		6)MEDISETTI VENKATA RAMA KRISHNA
		7)MADDULA SRINIVASULA REDDY

(57) Abstract :

An improved process for the preparation of substantially pure zafirlukast and pharmaceutical compositions thereof.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 10/02/2012

(54) Title of the invention : IMPROVED LOW SULFUR NICKEL-BASE SINGLE CRYSTAL SUPERALLOY WITH PPM ADDITIONS OF LANTHANUM AND YTTRIUM

(51) International classification	:C22C19/00	(71)Name of Applicant :
(31) Priority Document No	:12/851,111	1)CANNON-MUSKEGON CORPORATION
(32) Priority Date	:05/08/2010	Address of Applicant :2875 LINCOLN STREET,
(33) Name of priority country	:U.S.A.	MUSKEGON, MICHIGAN 49441 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KENNETH HARRIS
(87) 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 single crystal casting having substantially improved high-temperature oxidation resistance, hot corrosion (sulfidation) resistance, and resistance to creep under high temperature and high stress is characterized by an as-cast composition comprising a maximum sulfur content of 0.5 ppm by weight, a maximum phosphorus content of 20 ppm by weight, a maximum nitrogen content of 3 ppm by weight, a maximum oxygen content of 3 ppm by weight, and a combined yttrium and lanthanum content of 5-80 pm by weight. It has been discovered that careful control of the deleterious impurities, particularly sulfur, phosphorus, nitrogen and oxygen, in combination with a carefully controlled addition of yttrium and/or lanthanum provides unexpected improvements in corrosion and oxidation resistance, while also enhancing high-temperature, high-stress resistance to creep, without any detrimental effects on other mechanical properties, processing or producibility, particularly castability.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3031/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :18/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : STATICALLY INDUCED GENERATOR

(51) International classification	:H02N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S.SUDARSHAN
(32) Priority Date	:NA	Address of Applicant :Sai Ram Medicals Shop No. 7-96,
(33) Name of priority country	:NA	Maruthi Nagar, Santosh Nagar, Hyderabad - 500 059. Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S.SUDARSHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an electric generator. The present day electric generator normally works on the principle of dynamically induced e.m.f. in the conductor/s housed within a rotary armature lying in a strong magnetic field. This generator has moving parts. An external mechanical force is essential for this present day generator. Since it is difficult to achieve continuous rate of change of flux cutting the conductor/s, in the statically induced principle, no generators are built on statically induced e.m.f. principle commercially. STATICALLY INDUCED GENERATOR can be built by providing an electronically preprogrammed time adjustable dancing switching circuit system (EPTADSCS) using programmed microcontrollers and timers with suitable written software, for making and breaking or even for reversing of the polarity of the D.C. source which is connected to the primary of a transformer, to get A.C. output of required frequency and voltage in the secondary of that transformer, or even without using any transformer, by making and breaking or even by reversing of the polarity of the D.C. source to convert in to A.C. which is connected to electromagnets to excite the same at any required frequency. According to the present invention, one or more insulated conductor/s of required dimensions are placed next to each other in a single plane. Electromagnets are placed in the adjoining plane with a little or no air gap. Conventional rotary type armature by the conventional type of surrounding poles may also be adopted. Insulated conductor/s is/are either excited by an individual electromagnet or a common electromagnet. These electromagnets are excited by an external battery source through programmed microcontrollers and timers with suitable written software with or without a transformer. All the conductor/s, electromagnets and the segmentless commutator are stationary and there are no moving parts in this STATICALLY INDUCED GENERATOR. No external mechanical force is required for this STATICALLY INDUCED GENERATOR.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3113/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :27/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : SYSTEM AND METHOD FOR SYSTEM ON CHIP (SOC) PERFORMANCE ANALYSIS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANVED SYSTEMS TECHNOLOGIES PVT. LTD
(32) Priority Date	:NA	Address of Applicant :#3623, 13TH G MAIN, 7TH CROSS,
(33) Name of priority country	:NA	HAL 2ND STAGE, INDIRA NAGAR, BANGALORE - 560 008
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MS. PRACHI SANDEEP SATHE
(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 of performing transaction level System on Chip (SoC) performance analysis includes obtaining a SoC description file comprising all intellectual property (IP) modules interconnected in a SoC via interconnects, calculating clock periods of the IP modules, calculating a greatest common divisor (GCD) of all the clock periods, receiving user-specified inputs that stimulate the SoC and generate a signal at an output of the SoC, gathering timing and interconnect statistics from the SoC, automatically generating a top level module based on the statistics, compiling the top level module and the components to generate an executable file, simulating a SoC system by running the executable file, and generating performance results from the simulated SoC system.

No. of Pages : 46 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3149/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :28/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : MANUFACTURE OF POLE WHEELS

(51) International classification	:B21D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IP RINGS LIMITED
(32) Priority Date	:NA	Address of Applicant :D11/12, INDUSTRIAL ESTATE
(33) Name of priority country	:NA	MARAIMALAI NAGAR 603 209 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NARAYANASWAMY GOWRISHANKAR
(87) 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 the manufacture of toothed pole wheels from a ring shaped job using orbital cold forming system. This system comprises of a bottom ring holding assembly (5) for holding the job to be cold formed, top ring holding assembly (8) for holding the tooth forming component part and also orbiting at a preset angle with respect to bottom ring assembly, and ejector assembly(3) for ejecting the job from the bottom ring assembly. An upper die (9) is press fitted onto the top ring assembly (8), and a selective upper die insert (10) is slidably fitted onto the upper die (9). A lower die (4) is press fitted onto the bottom ring assembly (5), and a selective lower die insert (3) is slidably fitted onto the lower die (4). Further an ejector assembly is disposed on the bottom ring assembly which have a socket head cap screw(11), a ejector rod (1), a ejector ring (2) and a ejector plate (7). The bottom ring assembly can be moved up axially towards and away from the top ring assembly.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3154/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :31/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : A PATIENT MONITOR WITH IN-BUILT BIOMETRIC RECOGNITION DEVICE

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :KIADB INDUSTRIAL AREA
(33) Name of priority country	:NA	HEBBAL-HOOTAGALLI MYSORE 570 018 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNIL PANDURANG VETAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an integrated biometric recognition device for a patient monitoring system capable of automatic identification of a patient along with measurement of parameters is provided. The biometric recognition device comprises of a fingerprint sensor and a SpO2 sensor integrated in a single probe. The invention also provides a method for biometric recognition in a patient monitor capable of identifying a patient by correlating the measured parameters with the data stored on a central nursing station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.333/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :20/02/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : MOBILE PHONE WITH DETECTOR DEVICE TO DETECT WEAPON, BOMB, KNIFE, SMOKE AND SO ON

(51) International classification

:H04M

(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)SOMASUNDARAM RAMKUMAR

Address of Applicant :OLD NO. 15/2, NEW NO. 28, SOUTH STREET, TALLAKULAM, MADURAI-625002 Tamil Nadu India

(72)Name of Inventor :

1)SOMASUNDARAM RAMKUMAR

(57) Abstract :

This is an invention related to mobile phone in particular. This invention also related to hearing aid compatible (HAC), metal detector and smoke detector (proximity detector). The object of the invention is a mobile phone is to be incorporated with a provision of Hearing Aid Compatible, metal detector and smoke detector (proximity detector) can be simultaneously activated or can be selectively activated. It is another object of invention is a provision of hearing aid compatible (HAC) and/or metal detector or smoke detector (proximity detector) is incorporated in a mobile phone can transreceive the mobile signals and metal detector signals simultaneously or can transreceive the mobile signals and smoke detector (proximity detector) signals simultaneously. The technology of the HAC device and the metal detector device comprise the telecoil or T-coil. The technology of metal detector can be very low frequency, resonance or pulse induction, beat-frequency oscillation. The metal detector is used to detect weapon, bomb, knife and so on. The power of transreceivers in metal detector can be adjust to any distance [eg : 1 metre, 2 metre and so on] to detect the weapon, bomb, knife and so on accurately. The technology of smoke detector comprises a light emitter and a light detector in the mobile phone. The smoke detection device is used to detect smoke. The technology of proximity detector (smoke detector) device comprises a plurality of light emitter and light detector is fixed in different sides on the mobile phone. The proximity detection device is used to detect man, bags and so on. This invention is not limited to a mobile phone but this invention also can be use in palm operating system based mobile phone, voq-windows based mobile smart phone and other mobile phone devices. In order to incorporate this principle there is a need for technological changes in the existing mobile phone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4116/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :14/07/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : STRETCH FABRICS AND GARMENTS OF OLEFIN BLOCK POLYMERS

(51) International classification	:B32B27/32, D01F6/30
(31) Priority Document No	:60/885,208
(32) Priority Date	:16/01/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/51137
Filing Date	:16/01/2008
(87) International Publication No	:WO 2008/089218 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)DOW GLOBAL TECHNOLOGIES , LLC

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN, 48674 U.S.A.

(72)Name of Inventor :

1)CHEN, HONGYU,

2)D'OTTOVIANO, FABIO

3)LAMIA, ALBERTO, LORA,

4)REGO, JOSE, M.,

5)WANG, JERRY, CHIEN-TING,

6)ALBIERO, FEDERICA,

7)BRAMANTE, GUIDO

(57) Abstract :

Fiber and fabric compositions of a continuous scouring process and/or capable of being heat set have now been discovered that often have a balanced combination of desirable properties. Said compositions comprise olefin block interpolymers.

No. of Pages : 104 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4836/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :29/10/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING GROUP CHAT SERVICE

(51) International classification	:H04L 12/18	(71)Name of Applicant :
(31) Priority Document No	:200510070359.7	1)TENCENT TECHNOLOGY (SHENZEHEN) COMPANY LIMITED
(32) Priority Date	:30/04/2005	Address of Applicant :4/F, EAST 2 BLOCK, SEG PARK, ZHENXING ROAD, SHENZHEN, 518044 GUANGDONG China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT/CN2006/000450	1)QIN, PENGCHENG
Filing Date	:21/03/2006	2)LIN, YOUYAO
(87) International Publication No	:WO 2006/116906 A1	3)FAN, ZHIBIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for providing a group chat service includes: creating a chat group including a first member and one or more second members; establishing a P2P connection to each of the second members; receiving audio data uploaded from the second members through the P2P connections; mixing the audio data received and audio data of the first member to generate mixed audio data and transmitting the mixed audio data to the second members through the P2P connections by the first member; receiving by the second members the mixed audio data. The present invention also discloses a system for providing a group chat service. According to the present invention, text chat and audio chat are handled differently, thus the network bandwidth requirement and computer hardware requirement of group chat for forwarding the audio data are lowered, and the data volume transmitted by the network is reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5488/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :29/11/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : A METHOD OF DISTRIBUTING BRAKING WITHIN AT LEAST ONE GROUP OF BRAKES OF AN AIRCRAFT

(51) International classification :B60T8/17
(31) Priority Document No :06 02181
(32) Priority Date :13/03/2006
(33) Name of priority country :France
(86) International Application No :PCT/FR07/00436
Filing Date :13/03/2007
(87) International Publication No :WO
2007/104861 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)MESSIER-BUGATTI
Address of Applicant :ZONE AERONAUTIQUE LOUIS
BREGUET, F-78140 VELIZY VILLACOUBLAY France
(72)**Name of Inventor :**
1)DELLAC, STEPHANE
2)JACQUET, ARNAUD
3)GISSINGER, GERARD, LEON
4)BASSET, MICHEL
5)CHAMAILLARD, YANN
6)GARCIA, JEAN-PIERRE

(57) Abstract :

The invention provides a method of managing the braking of an aircraft having a plurality of brakes comprising friction elements, the method comprising the following steps for at least one group (12, 13) of brakes: estimating an energy level (AE) to be dissipated by the brakes of the group; and estimating individual braking setpoints (Fi) for each of the brakes of the group so that the individual braking setpoints make it possible, at least under normal operating conditions of the brakes, to implement braking that dissipates said energy level, the individual braking setpoints also being determined so as to satisfy at least one other given operating objective.

Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

No. of Pages : 19 No. of Claims : 4

(54) Title of the invention : A METHOD FOR CONTROLLING ACCESS TO A PLURALITY OF CHANNELS BY A RECEIVER/DECODER

(51) International classification	:H04N7/167	(71)Name of Applicant :
(31) Priority Document No	:10155684.3	1)NAGRAVISION S.A.
(32) Priority Date	:05/03/2010	Address of Applicant :22-24, ROUTE DE GENEVE, 1033
(33) Name of priority country	:EPO	CHESEAUX-SUR-LAUSANNE Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANDRE KUDELSKI
(87) 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 aims at providing a way to speed-up the channel change, in particular for encrypted contents with verification of the access rights. According to the present invention, a method is proposed for controlling access to a plurality of channels by a receiver/decoder (STB) comprising a security module (SC), each channel being encrypted by a specific channel control word (CW1, CW2), each channel having a channel identifier (ID1, ID2) and transporting entitlement messages ECM containing at least the current channel control word and the channel access conditions, this method comprising the steps of: - tuning to a first channel having a first channel identifier (ID1), - transmitting the first channel identifier (ID1) to the security module (SC), - receiving first entitlement messages ECM1 containing a first control word (CW1), - transmitting the first entitlement messages ECM1 to the security module (SC), - decrypting the first entitlement messages ECM1 and verifying the channel access conditions, - if the access conditions are met, returning the first control word (CW1) to the receiver/decoder (STB), - storing of the first control word (CW1) and the first channel identifier (ID1) by the security module (SC), - tuning to a second channel having a second channel identifier (ID2), - transmitting the second channel identifier (ID2) to the security module (SC), - calculating, by the security module (SC), the second control word (CW2) by the following steps: - calculating a root control word (RK) with an inverse cryptographic function F1 using the first control word (CW1) and the first channel identifier (ID1), - calculating the second control word (CW2) with the cryptographic function F using the root control word (RK) and the second channel identifier (ID2), - returning the second control word (CW2) to the receiver/decoder (STB).

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.582/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :22/03/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : FAST DISSOLVING BUCCAL FILM OF ONDANSETRON HYDROCHLORIDE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AL-AMEEN COLLEGE OF PHARMACY
(32) Priority Date	:NA	Address of Applicant :NEAR LAL BAGH MAIN GATE,
(33) Name of priority country	:NA	HOSUR ROAD, BANGALORE - 27 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARANJOTHI KKK
(87) International Publication No	: NA	2)SURESH SARASIJA
(61) Patent of Addition to Application Number	:NA	3)CHOUDHARY DHAGLA RAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the preparation of fast dissolving buccal films of Ondansetron hydrochloride using HPMC at a concentration of 3% with propylene glycol at 10% w/w of polymer as a base.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5834/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :18/12/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : WIDEBAND MULTIFUNCTION ANTENNA OPERATING IN THE HF RANGE, PARTICULARLY FOR NAVAL INSTALLATIONS

(51) International classification	:H01Q1/34
(31) Priority Document No	:TO2005A000344
(32) Priority Date	:19/05/2005
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB06/51583
Filing Date	:18/05/2006
(87) International Publication No	:WO
	2006/123311 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)SELEX COMMUNICATIONS S.P.A

Address of Applicant :VIA PIERAGOSTINI 80 I-16151

GENOVA Italy

(72)Name of Inventor :

1)MARROCCO, GAETANO

2)BARDATI, FERNANDO

3)PROIA, MANLIO

4)TOGNOLATTI, PIERO

5)MATTIONI, LORENZO

6)PERELLI, RAFFAELE

7)COLASANTI, GIAMPIERO

8)FALCIONE, GIOVANNI

(57) Abstract :

A linear antenna for operation in the HF frequency range, particularly for naval communications is disclosed, comprising a radiating arrangement (H1, H2, H3,W1,W2), adapted to be operatively associated with a ground conductor (20) and at least one electrical impedance device (Z1-Z4), comprises a pair of powered conducting branches (H1,H2) and a return conducting branch (H3) connected to ground, having a predominantly vertical configuration, in which each powered branch is connected to the return branch through a corresponding horizontal conducting branch (W1, W2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : WATER TAP

(51) International classification	:E03C1/04
(31) Priority Document No	:099211063
(32) Priority Date	:10/06/2010
(33) Name of priority country	:Taiwan
(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)Lin Chen-Chang

Address of Applicant :No. 105 Zhongshan Rd. Shengang
Township Taichung County Taiwan (R.O.C.)

(72)Name of Inventor :

1)Lin Chen-Chang

(57) Abstract :

The water tap has a tap stand and a storage frame. The tap stand is has a flowing channel formed through the tap stand. The storage frame is mounted on the tap stand and has a flowing groove and a storage hole. The flowing groove is annular and formed in a top surface of the storage frame and communicates with the flowing channel of the tap stand. The storage hole is formed through the storage frame to provide a storage function.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : OUTLET OF A SPIGOT

(51) International classification	:E03C1/04
(31) Priority Document No	:099205205
(32) Priority Date	:25/03/2010
(33) Name of priority country	:Taiwan
(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)Lin Chen-Chang

Address of Applicant :No. 105 Zhongshan Rd. Shengang
Township Taichung County Taiwan (R.O.C.)

(72)Name of Inventor :

1)Lin Chen-Chang

(57) Abstract :

An outlet of a spigot has a bottom seat, a neck, a head and a flow passage. The bottom seat has a flat bottom face. The neck is curvedly formed on and protrudes upward from the bottom seat. The head is formed on and protrudes forward from the neck and has a front side. The flow passage is formed in the outlet between the bottom seat, the neck and the head and has an inlet hole and an outlet hole. The inlet hole is formed through the bottom face of the bottom seat and communicates with the flow passage. The outlet hole is formed through the front side of the head and communicates with the flow passage and has a width and a length. The length of the outlet hole is wider than the width of the outlet hole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.676/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : WATER TAP

(51) International classification	:E03C1/04
(31) Priority Document No	:099213074
(32) Priority Date	:08/07/2010
(33) Name of priority country	:Taiwan
(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)Lin Chen-Chang

Address of Applicant :No. 105 Zhongshan Rd. Shengang
Township Taichung County Taiwan (R.O.C.)

(72)Name of Inventor :

1)Lin Chen-Chang

(57) Abstract :

The water tap has a tap stand, an outlet section and a storage frame. The tap stand is hollow and has a bottom end, an inlet and a flowing channel. The inlet is formed through the bottom end of the tap stand. The flowing channel is formed through the tap stand and communicating with the inlet of the tap stand. The outlet section is mounted on the tap stand and has an outfall communicating with the flowing channels. The storage frame is mounted on the tap stand and has a storage plank and a storage hole to hold the a rinsing cup or put on the other toiletries like a toothpaste, a toothbrush or a hand washing cream in order to keep the sink clean and use convenient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.678/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : OUTLET OF A SPIGOT

(51) International classification	:E03C1/04
(31) Priority Document No	:099208752
(32) Priority Date	:11/05/2010
(33) Name of priority country	:Taiwan
(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)Lin Chen-Chang

Address of Applicant :No. 105 Zhongshan Rd. Shengang
Township Taichung County Taiwan (R.O.C.)

(72)Name of Inventor :

1)Lin Chen-Chang

(57) Abstract :

An outlet of a spigot has a bottom seat, a neck, a head and a flow passage. The bottom seat has a bottom face. The neck is formed on and protrudes upward from the bottom seat. The head is formed on and protrudes forward from the neck and has a bottom side. The flow passage is formed in the outlet between the bottom seat, the neck and the head and has at least one inlet hole and an outlet hole. The inlet is formed through the bottom face of the bottom seat and communicates with the flow passage. The outlet hole is U-shaped, is formed in the head opposite to the neck and communicates with the flow passage.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7248/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :09/12/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : COLLABORATIVE DATA SHARING

(51) International classification :H04L 29/08

(31) Priority Document No :0711651.0

(32) Priority Date :15/06/2007

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

(86) International Application No :PCT/GB2008/001997

Filing Date :11/06/2008

(87) International Publication No :WO/2008/152381

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Jonathan Ross Blewett

2)Adam Howes Reid

(57) Abstract :

A mobile communication terminal comprising: a memory for storing user data that is definable when the terminal is in use; a communication transceiver; and a communication controller arranged to identify that a communication link having the terminal as one endpoint and having another communication terminal as the other endpoint is available to the communication transceiver and in response to that determination automatically: requesting data from the other communication terminal; comparing data received in response to that request with corresponding data, if any, contained in the user data; and determining in dependence on that comparison whether to update the user data; and if that determination is positive updating the user data.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : SUPPLEMENTAL NODE TRANSMISSION ASSISTANCE IN A WIRELESS COMMUNICATIONS NETWORK

(51) International classification	:H04W48/16	(71)Name of Applicant :
(31) Priority Document No	:12/723,396	1)Research In Motion Limited
(32) Priority Date	:12/03/2010	Address of Applicant :295 Phillip Street Waterloo Ontario
(33) Name of priority country	:U.S.A.	N2L 3W8 Canada.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YU Yi
(87) International Publication No	: NA	2)HU Rose
(61) Patent of Addition to Application Number	:NA	3)CAI Zhijun
Filing Date	:NA	4)SONG Yi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Supplemental node transmission assistance in a wireless network provides for transmissions between a wireless network and wireless user equipment in a first direction using a serving node of the wireless network while providing for transmissions between the wireless network and wireless user equipment in a second direction using a supplemental node of the wireless network. The supplemental node is selected based on providing better channel conditions between the network and the user equipment in the second direction than the serving node. The supplemental node thus provides transmission assistance for the serving node in order to provide the best available downlink and uplink communications between the user equipment and the network.

No. of Pages : 65 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.731/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : LOW-SUBSTITUTED HYDROXYPROPYLCELLULOSE AND SOLID PREPARATION COMPRISING THE SAME

(51) International classification	:C07H15/02	(71)Name of Applicant :
(31) Priority Document No	:2010-062484	1)SHIN-ETSU CHEMICAL CO. LTD.
(32) Priority Date	:18/03/2010	Address of Applicant :6-1 Otemachi 2-chome Chiyoda-ku Tokyo JAPAN.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Naosuke MARUYAMA
Filing Date	:NA	2)Yasuyuki HIRAMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
provided in nonionic and excellently stable low-substituted hydroxypropylcellulose having improved compressibility and flowability, and further having improved distintegration and texture in oral cavity.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :06/04/2009

(43) Publication Date : 10/02/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ROTIGOTIN AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD-500 034. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VELLANKI, SIVA RAMA PRASAD
(87) International Publication No	: NA	2)RANE, DNYANDEV R
(61) Patent of Addition to Application Number	:NA	3)PATIL, SADANAND N
Filing Date	:NA	4)VANTIKOMMU, JYOTHI
(62) Divisional to Application Number	:NA	5)DATTA, DEBASHISH
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for preparation of Rotigotine or an acid addition salt thereof. The present invention also relates to process for the preparation of crystalline Rotigotine hydrochloride and crystalline Rotigotine base. The present invention further relates to crystalline (-)-5-hydroxy-W-n-propyl/-2-aminotetralin, a key intermediate used in the preparation of Rotigotine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : CHANNEL ACCESS FOR COGNITIVE NETWORKS

(51) International classification	:H04W84/20	(71)Name of Applicant :
(31) Priority Document No	:12/759199	1)NOKIA CORPORATION
(32) Priority Date	:13/04/2010	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ari Hottinen
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for managing wireless interaction based on communication performance. Source apparatuses may desire to establish wireless links to target apparatuses. Prior to initiating new wireless links, source apparatuses may evaluate whether the establishment of new wireless links will increase the cumulative performance of the wireless communication environment, wherein the wireless communication environment may comprise the apparatuses communicating wirelessly within transmission range of a source apparatus. The evaluation may determine, for example, whether predicted cumulative performance of the wireless communication environment after the new wireless link is initiated would be greater than cumulative performance prior to link initiation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.853/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : DISPLAYING CONTENT ON A DISPLAY DEVICE

(51) International classification	:G06F3/048	(71) Name of Applicant :
(31) Priority Document No	:10161392.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:29/04/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VIKAS JAIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method (100) for displaying content on a display device based on gesture input is disclosed. The method comprises receiving the gesture input (102) associated with the content to be viewed as a i) free form gesture or as a ii) gesture definition, determining whether the received gesture input is in the form of a free form gesture and if so interpreting the received gesture (104) using a gesture interpretation mechanism and obtaining a gesture definition, generating content views (106) based on the gesture definition, the content views defining the arrangement and presentation of the content to a user for viewing, and displaying (108) the generated content views on the display device. The disclosed method is useful for content management devices such as television, set top boxes, Blu-ray players, handheld devices and mobile phones.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.955/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :04/05/2007

(43) Publication Date : 10/02/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ALFUZOSIN AND SALTS THEREOF

(51) International classification	:C07D403/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220,
(33) Name of priority country	:NA	HAFNARFJOROUR Ice Land
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UDAY RAJARAM BAPAT
(87) International Publication No	: NA	2)JOSE PAUL POTAMS
(61) Patent of Addition to Application Number	:NA	3)NARASIMHAN SUBRAMANIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel N-[3-[(4-acyl-/aroyl-substituted amino-6,7-dimethoxy-2-quinazolinyl)methylamino]propyl]tetrahydro-2-furancarboxamide derivatives, and a process for the preparation thereof. The novel compounds are useful for preparing alfuzosin or a pharmaceutically acceptable salt thereof in high yield and purity.

No. of Pages : 26 No. of Claims : 33

(54) Title of the invention : BEVERAGE PREPARING APPARATUS

(51) International classification	:A47J31/44	(71)Name of Applicant :
(31) Priority Document No	:099126586	1)LIU, TSUNG-HIS
(32) Priority Date	:10/08/2010	Address of Applicant :4TH FL., NO. 1, LANE 249, LUNG
(33) Name of priority country	:Taiwan	CHIANG ROAD, TAIPEI, TAIWAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LIU, TSUNG-HIS
(87) 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 beverage preparing apparatus mixes hot water from a hot water pipe with cold water from a cold water pipe to produce a mixed water flow with an appropriate temperature to be delivered to a liquid dispenser. When a brewing solenoid valve is opened, the liquid dispenser delivers the mixed water flow to a preparing container that contains a beverage composition to prepare a beverage. When the brewing solenoid valve is shut, the liquid dispenser delivers the mixed water flow into a hot water inlet pipe. When a hot water inlet solenoid valve is opened, the mixed water flow is added into the beverage directly. When the brewing solenoid valve and hot water inlet solenoid valve are shut, the hot water in the heat exchanger is vaporized and passed through a pre-heating circulation pipeline to pre-heat the liquid dispenser and returned to a heat exchanger to constitute a pre-heating circulation.

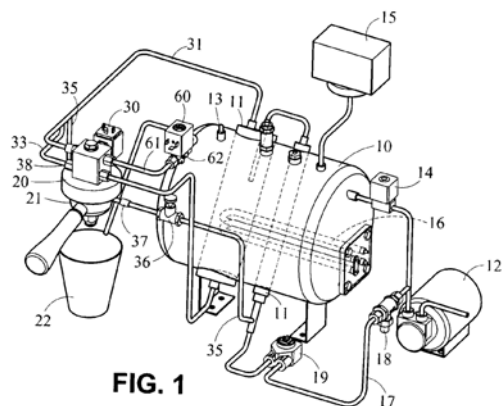


FIG. 1

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2941/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

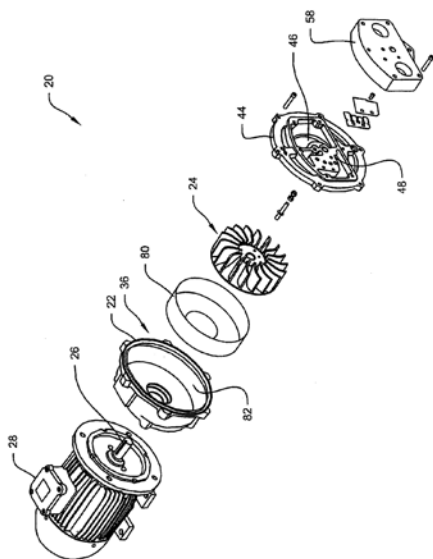
(54) Title of the invention : LIQUID RING PUMP WITH LINER

(51) International classification :F04C 19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/033191
Filing Date :05/02/2009
(87) International Publication No :WO 2010/090639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GARDNER DENVER NASH, LLC
Address of Applicant :9 TREFOIL DRIVE, TRUMBULL,
CONNECTICUT 06611-1330 U.S.A.
(72)Name of Inventor :
1)DOUGLAS, ERIC BISSELL
2)ATHANASIOS DIAKOMIS
3)LOUIS, J. LENGYEL

(57) Abstract :

A liquid ring pump is provided that includes an annular housing having an inner surface forming a housing cavity. The annular housing is filled with an operating fluid during operation of the pump. The operating fluid forms an eccentric liquid ring in the annular housing during operation of the pump. A rotor is disposed in the housing cavity and includes a plurality of rotor blades. A shaft extends into the annular housing into the housing cavity. The plurality of rotor blades extend radially outward from the shaft toward the inner surface of the annular housing. A linet formed from a corrosion resistant material is disposed substantially flush with at least a portion of the annular housing inner surface opposite a plurality of rotor blade ends.



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

(54) Title of the invention : GRAVITY FEED WATER TREATMENT SYSTEM

(51) International classification :C02F 1/00
 (31) Priority Document No :61/144,323
 (32) Priority Date :13/01/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/020728
 Filing Date :12/01/2010
 (87) International Publication No :WO 2010/083149
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ACCESS BUSINESS GROUP INTERNATIONAL LLC

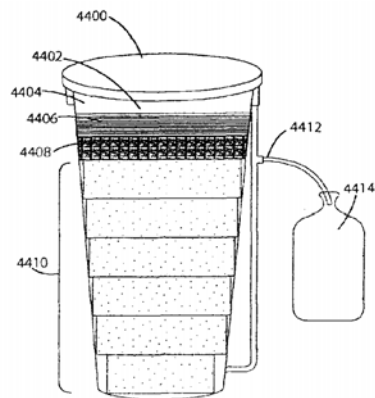
Address of Applicant :7575 FULTON STREET EAST, ADA, MICHIGAN 49355 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)KUENNEN, ROY W.**2)LAUTZENHEISER, TERRY L.****3)TAYLOR, JR., ROY M.****4)STONER, JR., WILLIAM T.****5)CONRAD, KENNETH E.****6)VANDERKOOI, KAREN J.****7)BEALS, BRIAN S.****8)SCHAMPER RYAN D.**

(57) Abstract :

A portable water treatment system includes at least one sub-system to treat water including a flocculation system, a chlorination system, and a bio-sand filter system. The water treatment system may include multiple sub-systems for treating water that feed into one another. The sand filter system may include a mini bio-sand filter, a foam filter, or a pressed block filter. The flocculation system may include a tank bottom that urges settling particles toward a sump and a ladle that removes settled particles. A manual pump or siphon may be included in the water treatment system.



No. of Pages : 85 No. of Claims : 41

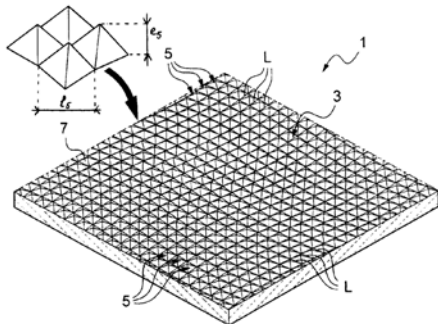
(54) Title of the invention : TRANSPARENT GLASS SUBSTRATE AND PROCESS FOR MANUFACTURING SUCH A SUBSTRATE

(51) International classification :C03C 23/00
 (31) Priority Document No :0950422
 (32) Priority Date :23/01/2009
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2010/050097
 Filing Date :22/01/2010
 (87) International Publication No :WO 2010/084290
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SAINT-GOBAIN GLASS FRANCE
 Address of Applicant :18 AVENUE D'ALSACE F-92400
 COURBEVOIE FRANCE
 (72)Name of Inventor :
1)SCHIAVONI, MICHELE
2)NEANDER, MARCUS
3)ROEMGENS, PASCAL

(57) Abstract :

This transparent glass substrate (1) comprises at least one face (3) which is provided with a texturing formed by a plurality of geometric features (5) in relief relative to a general plane of said face (3), this texturing being adapted in order to ensure a transmission of radiation through the substrate greater than the transmission of radiation through a substrate that is identical but lacks texturing. The face (3) of the substrate is also provided with an antireflection layer (7) having a refractive index between the refractive index of air and the refractive index of the glass. The antireflection layer (7) is an etched out superficial portion of the glass substrate (1) on the side of said face (3), which comprises a structure based on silica and voids having a characteristic dimension between 0.5 nanometers and 50 nanometers.



No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2944/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : USE OF AN IMMUNOGLOBULIN G (IGG) CONCENTRATE DEPLETED OF ANTI-A AND ANTI-B ANTIBODIES FOR TREATING NEONATAL JAUNDICE CAUSED BY MATERNAL-FOETAL INCOMPATIBILITY WITH RESPECT TO THE ABO SYSTEM

(51) International classification	:A61K 39/395
(31) Priority Document No	:0807105
(32) Priority Date	:17/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052558
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/076496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES

Address of Applicant :ZA DE COURTABOEUF, 3 AVENUE DES TROPIQUES, F-94940 LES ULIS FRANCE

(72)Name of Inventor :

1)ELZAABI, MAZEN

(57) Abstract :

The present invention relates to the use of an immunoglobulin G (IgG) concentrate depleted of anti-A (AcaA) and anti-B (AcaB) antibodies for producing a drug intended for treating neonatal jaundice caused by maternal-foetal incompatibility with respect to the ABO system.

No. of Pages : 55 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2946/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01P 5/00
(31) Priority Document No	:09152584.0
(32) Priority Date	:11/02/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/051526
Filing Date	:09/02/2010
(87) International Publication No	:WO 2010/092028
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 LUDWIGSHAFEN GERMANY

(72)Name of Inventor :

1)VOESTE, DIRK

2)WILHELM, RONALD

(57) Abstract :

The present invention relates to synergistic mixtures comprising, as active components, an insecticidal or nematocidal compound I selected from the group consisting of macrolide compounds, a carboxamide and a further insecticidal compound III selected from the group consisting of nicotinic receptor agonists/antagonists compounds or from fipronil or ethiprole in synergistic effective amounts.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2949/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR PRODUCING 2-HALOGENOMETHYLPHENYL ACETIC ACID DERIVATIVES

(51) International classification :C07C 249/12

(31) Priority Document No :08172487.4

(32) Priority Date :05/02/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/051144

Filing Date :01/02/2010

(87) International Publication No :WO 2010/089267

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 LUDWIGSHAFEN GERMANY

(72)Name of Inventor :

1)KORTE, ALEXANDER

2)KEARNS, MARK ALAN

3)SMITH, JONATHAN O.

4)LIPOWSKY, GUNTER

5)BIECHE, WILLI

(57) Abstract :

The present invention relates to a process for producing 2-halogenomethylphenyl acetic acid derivatives.

No. of Pages : 20 No. of Claims : 13

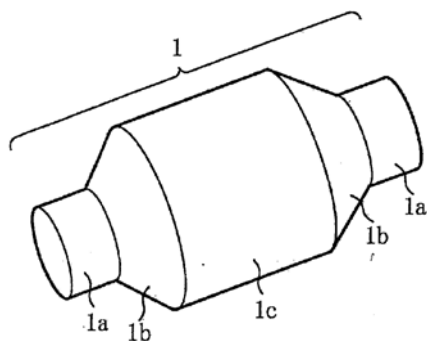
(54) Title of the invention : SPINNING METHOD FOR FORMING A DIAMETER REDUCED PORTION

(51) International classification :B21D 41/04
 (31) Priority Document No :2009-013490
 (32) Priority Date :23/01/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/050026
 Filing Date :05/01/2010
 (87) International Publication No :WO 2010/084788
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)NISSHIN STEEL CO., LTD.
 Address of Applicant :4-1, MARUNOUCHI 3-CHOME,
 CHIYODA-KU, TOKYO 1008366 JAPAN
 (72)**Name of Inventor :**
1)KARINO SHINOBU
2)ANDO AKIHIRO
3)KUROBE JUN

(57) Abstract :

Provided is a spinning method of reducing a diameter of a work piece pipe body with processing rollers disposed on an outer surface of the work piece pipe body, the processing rollers being configured to be relatively revolved around the work piece pipe body, wherein, when the processing rollers are axially reciprocated while being moved in a radius direction of the work piece pipe body, wherein the diameter reducing process with the processing rollers is performed under a state in which a wound body formed of an elastic sheet-like material is inserted as a core body into the inside of a portion of the work piece pipe body to be subjected to the diameter reducing processing.



No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2952/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING HARQ IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L 1/18
(31) Priority Document No :61/122,740
(32) Priority Date :16/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2009/007467
Filing Date :14/12/2009
(87) International Publication No :WO 2010/071334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20, YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
KOREA

(72)Name of Inventor :

1)PARK, HYUNG HO

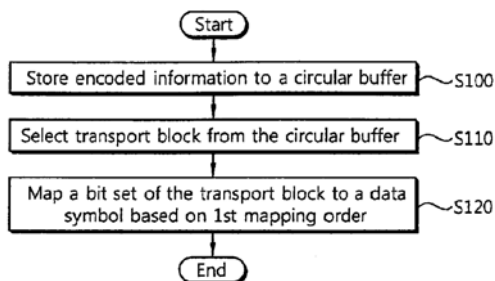
2)KWAK, JIN SAM

3)LEE, SUK WOO

4)KANG, SEUNG HYUN

(57) Abstract :

A method and an apparatus for performing hybrid automatic repeat request (HARQ) using constellation rearrangement and a circular buffer in a wireless communication system is provided. An encoded information bit is stored into a circular buffer. A transport block is selected from the circular buffer. A bit set comprising n bits of the transport block is mapped to a data symbol on a constellation for 2n-QAM modulation according to a first mapping order. The bit set is mapped according to a second mapping order when the bits of the transport block are subject to wrap around at the end of the circular buffer.



No. of Pages : 35 No. of Claims : 9

(54) Title of the invention : INKJET INK, INK CARTRIDGE, IMAGE FORMING DEVICE, IMAGE FORMING METHOD, AND IMAGE FORMED MATTER

(51) International classification :C09D 11/00
 (31) Priority Document No :2009-003854
 (32) Priority Date :09/01/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2009/070796
 Filing Date :08/12/2009
 (87) International Publication No :WO 2010/079670
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)RICOH COMPANY, LTD.

Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
 OHTA-KU, TOKYO, 1438555 JAPAN

(72)Name of Inventor :

1)HAKIRI, MINORU

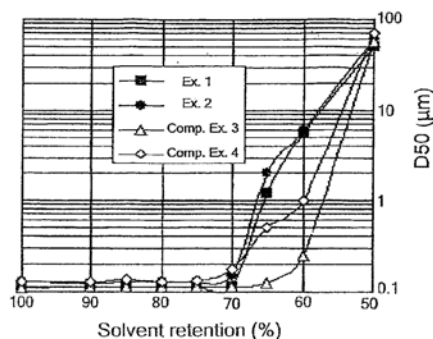
2)NARUSE, MITSURU

3)FUSHIMI, HIROYUKI

4)HASEGAWA, SHIN

(57) Abstract :

To provide an Inkjet ink containing C4-6 diol; and trimethylglycine.



No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2950/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHODS TO TREAT CANCER

(51) International classification :A61K 31/4375
(31) Priority Document No :61/148,881
(32) Priority Date :30/01/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/022625
Filing Date :29/01/2010
(87) International Publication No :WO 2010/088544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

Address of Applicant :OLD QUEENS BUILDING,
SOMERSET AND GEORGE STREETS, NEW BRUNSWICK,
NEW JERSEY 08903 UNITED STATES OF AMERICA

2)GENZYME CORPORATION

(72)Name of Inventor :

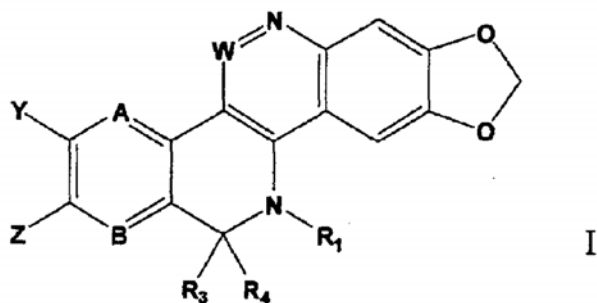
1)LAVOIE, EDMOND, J.

2)TEICHER, BEVERLY

3)SCHMID, STEVEN

(57) Abstract :

The invention provides methods and pharmaceutical compositions for treating certain cancers with compounds of formula (I) wherein A, B, W, Y, Z, and R1 have any of the meanings defined in the specification and their pharmaceutically acceptable salts and prodrugs.



No. of Pages : 78 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2953/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

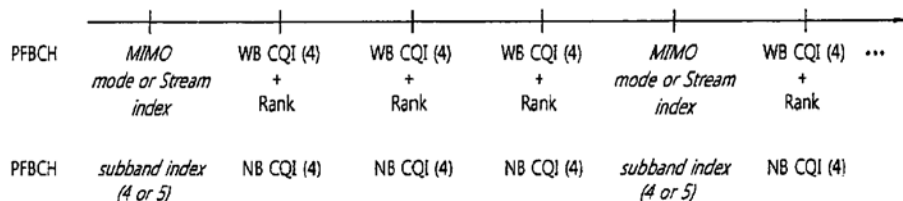
(54) Title of the invention : METHOD AND APPARATUS OF TRANSMITTING FEEDBACK MESSAGE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W 48/08
(31) Priority Document No :61/150,004
(32) Priority Date :05/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/000685
Filing Date :04/02/2010
(87) International Publication No :WO 2010/090457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :20, YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
KOREA
(72)**Name of Inventor :**
1)CHUN, JIN YOUNG
2)LEE, WOOKBONG
3)IHM, BIN CHUL

(57) Abstract :

A method and apparatus of transmitting a feedback message in a wireless communication system is provided. A mobile station receives information on a first period and a second period from a base station and transmits a first feedback message in every first period or a second feedback message in every second period to the base station over a primary fast feedback channel (PFBCH). The first feedback message comprises a channel quality indicator (CQI) for a subband selected from a plurality of subbands, and the second feedback message comprises a subband index of the selected subband.



No. of Pages : 54 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : ELONGATED STRUCTURE FOR MOVABLE SECTION

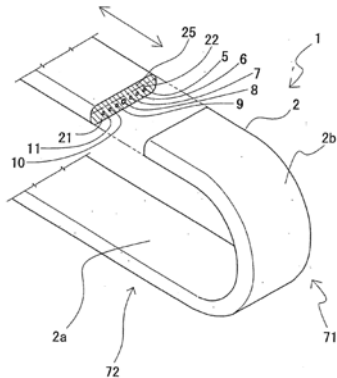
(51) International classification	:H02G 11/00
(31) Priority Document No	:2009-074016
(32) Priority Date	:25/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/051504
Filing Date	:03/02/2010
(87) International Publication No	:WO 2010/109951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)DYDEN CORPORATION
 Address of Applicant :15-1, MINAMI 2-CHOME, KURUME-SHI, FUKUOKA 8300051 JAPAN

(72)Name of Inventor :
1)IKEDA DAISUKE
2)KAWANAMI YASUAKI
3)TERASAKI KOUJI

(57) Abstract :

In an elongated structure for a movable section, a plurality of operational linear elements such as conductive wires are arranged in parallel in a belt-like sheath member, and an outer region of the sheath member, which is defined by a bend of the sheath member, has a larger rigidity than that of an inner region of the sheath member, which is defined by the bend of the sheath member. When the sheath member 2 have the regions exhibiting the different rigidities, and when an external force is exerted on the elongated structure 1 for the movable section, it is apt to bend toward the side of the sheath member having the small rigidity, and the bent portion is maintained at a given curvature which is determined by the entire rigidity of the sheath member 2. Therefore, the elongated structure 1 for the movable section cannot easily meander while the movable end thereof is moved. Also, while the position of the bent portion is shifted, it is possible to stably carry out the movement of the movable end and the shift of the bent portion. In addition, a protective guide structure is not needed, and not only can an installing space for the elongated structure 1 for the movable section become smaller, but also it is possible to cut down a cost necessary for such a protective guide structure.



No. of Pages : 48 No. of Claims : 12

(54) Title of the invention : METHOD FOR TRANSMITTING AND RECEIVING PAGING MESSAGES

(51) International classification :H04W 68/02
 (31) Priority Document No :61/122,412
 (32) Priority Date :15/12/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2009/007195
 Filing Date :03/12/2009
 (87) International Publication No :WO 2010/071312
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

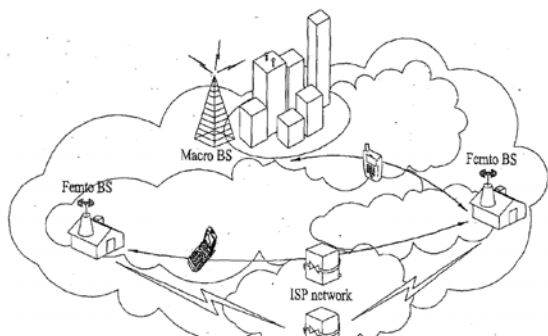
1)LG ELECTRONICS INC.Address of Applicant :20, YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA

(72)Name of Inventor :

1)PARK, GI WON**2)KIM, YONG HO****3)RYU, KI SEON**

(57) Abstract :

The present invention relates to a communication method for an idle mode terminal in a wireless access system to which a femtocell is applied. The method for receiving paging messages at a terminal in a femtocell environment according to one embodiment of the present invention comprises the steps of: receiving a deregistration command message containing first paging information of a first cell region from a first base station; setting a first timer for carrying out a location update with the first base station; moving from the first cell region to a second cell region; setting a second timer for delaying the location update for a predetermined time period; and receiving a paging message in the second cell region.



No. of Pages : 80 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2957/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : METHOD FOR REJUVENATING A BITUMEN CONTAINING COMPOSITION

(51) International classification :C08L 95/00
(31) Priority Document No :2002442
(32) Priority Date :22/01/2009
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2010/000007
Filing Date :21/01/2010
(87) International Publication No :WO 2010/085140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VAN WEEZENBEEK SPECIALTIES BV
Address of Applicant :AMPERESTRAAT 34, NL-1704 SN
HEERHUGOWAARD THE NETHERLANDS
(72)Name of Inventor :
1)VENEMA, JEROEN, BEREND
2)EIJKENBOOM, ANTONIUS, CASPAR, JOHANNES
3)VAN WEEZENBEEK, KOEN, DIMITRI
4)VAN WEEZENBEEK, SEBASTIAAN, JOANNES

(57) Abstract :

Method for rejuvenating a bitumen containing compositions, said method comprising adding to the bitumen containing compositions a distillation residue of cashew nut shell liquid (CNSL), said distillation residue being obtained by distillation of cashew nut shell liquid up to a temperature of between 250 and 350 0C. Advantageously said bitumen containing composition is selected from: bitumen, asphalt, roof covering, insulating material, shore covering material, and anti-drum plates.

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

(54) Title of the invention : PROCESS FOR PREPARING CHOCOLATE CRUMB

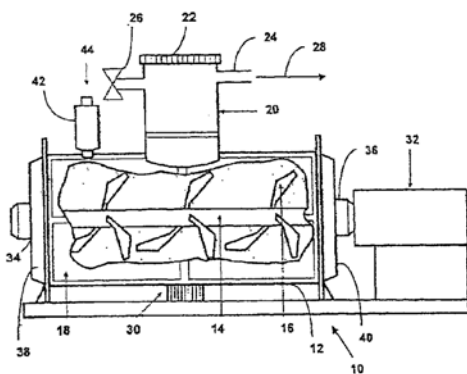
(51) International classification :A23G 1/00
 (31) Priority Document No :0901818.5
 (32) Priority Date :04/02/2009
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2010/000195
 Filing Date :03/02/2010
 (87) International Publication No :WO 2010/089551
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CADBURY HOLDINGS LIMITED
 Address of Applicant :CADBURY HOUSE, SANDERSON
 ROAD, UXBRIDGE UB8 1DH UNITED KINGDOM

(72)Name of Inventor :
1)GODFREY GRAHAM
2)KEOGH ANDREW JOSEPH
3)JACKSON GRAHAM MAUDSLAY
4)CHILVER IAN

(57) Abstract :

A process is described for preparing chocolate crumb. A milk and sugar mixture is provided, or milk and sugar are mixed together so as to form a mixture, and the mixture is modified so that the total solids are present in the range of 75% to 90% of the mixture. During the process of mixing and/or modifying the mixture, cocoa mass/liquor is added to the mixture. The mixture is then subjected to conditions effective to bring about sugar crystallisation in the mixture, and dried so as to form chocolate crumb.



No. of Pages : 28 No. of Claims : 30

(54) Title of the invention : ROTOR FOR A SCREW COMPRESSOR

(51) International classification :F04C 18/16
 (31) Priority Document No :2009/0352
 (32) Priority Date :10/06/2009
 (33) Name of priority country :Belgium
 (86) International Application No :PCT/BE2010/000043
 Filing Date :07/06/2010
 (87) International Publication No :WO 2010/142003
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ATLAS COPCO AIRPOWER, NAAMLOZE**VENNOOTSCHAP**

Address of Applicant :BOOMSESTEENWEG 957, B-2610

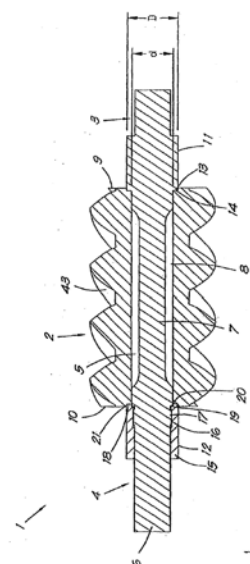
WILRIJK BELGIUM

(72)Name of Inventor :

1)NACHTERGAELE, JOHAN**2)DE BOCK, RICHARD, ANDRE, MARIA****3)DE BOCK, SIMON, PETER, G.**

(57) Abstract :

Rotor for a screw compressor, the rotor (1) comprising a rotor body (2) and a shaft (6), whereby said shaft extends at least with a part into or through a central or approximately central axial bored hole or passage (5) in said rotor body (2), characterized in that said shaft (6) comprises a stretch element (7), whereby the rotor body (2) or at least a part thereof is held on the shaft (6) by means of tension elements (11 and 12) which are locked or can be locked axially with respect to the shaft and which are connected with each other by means of said stretch element (7), which, during the mounting of the rotor body (2) on the shaft (6), is pre-tensioned by means of a tensile load and after locking said tension elements (11 and 12) and removal of the tensile load, is kept under an axial pretension which, in case the rotor (1) is not built in, amounts to at least thirty percent of the yield strength of the material of the stretch element (7), and this by means of said tension elements (11 and 12) which are kept apart from each other by the rotor body (2) or a part thereof.



No. of Pages : 53 No. of Claims : 32

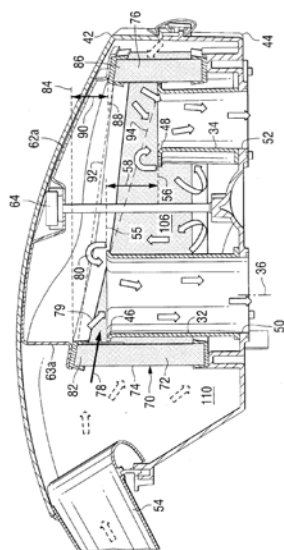
(54) Title of the invention : REDUCED RESTRICTION AIR FILTER

(51) International classification :B01D 39/00
 (31) Priority Document No :61/169,448
 (32) Priority Date :15/05/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/030034
 Filing Date :06/04/2010
 (87) International Publication No :WO 2010/120597
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CUMMINS FILTRATION IP, INC.
 Address of Applicant :1400-73RD AVENUE, NE
 MINNEAPOLIS, MINNESOTA 55432, U.S.A.
 (72)Name of Inventor :
1)ROBERT A. BANNISTER
2)KAARTHIK VENKATARAMAN

(57) Abstract :

A filter assembly and filter element are provided utilizing a given volume of space effectively and efficiently with low restriction. An irregular shape filter is provided to fit the space, including a filter element circumscribing an inner plenum and having an axially extending sidewall. The sidewall has a differential axial height as it circumscribes the inner plenum.



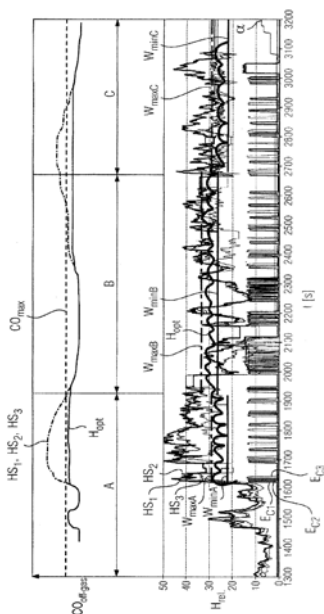
No. of Pages : 21 No. of Claims : 32

(54) Title of the invention : PROCESS AND APPARATUS FOR CONTROLLING A CARBON MONOXIDE EMISSION OF AN ELECTRIC ARC FURNACE

(51) International classification	:F27B 3/28	(71)Name of Applicant :
(31) Priority Document No	:102009007575.5	1)SIEMENS AKTIENGESellschaft
(32) Priority Date	:03/02/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MÜNCHEN, GERMANY
(86) International Application No	:PCT/EP2009/059873	(72)Name of Inventor :
Filing Date	:30/07/2009	1)THOMAS MATSCHULLAT
(87) International Publication No	:WO 2010/088972	2)DETLEF RIEGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and to a device for controlling a carbon monoxide output of an electric arc oven, comprising an oven container, an arrangement for determining a height of a foamed slag in at least three zones of the oven container on the basis of a solid-borne sound measurement, at least one first device for controlling an oxygen infeed, and at least one second device for controlling a carbon infeed into the oven container. The height of the foamed slag is determined in each of the at least three zones and associated with a carbon monoxide content in the exhaust gas of the electric arc oven, wherein the carbon infeed and/or the oxygen infeed in at least one of the at least three zones is controlled such that the height of the foamed slag is maintained below a maximum value.



No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2986/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 10/02/2012

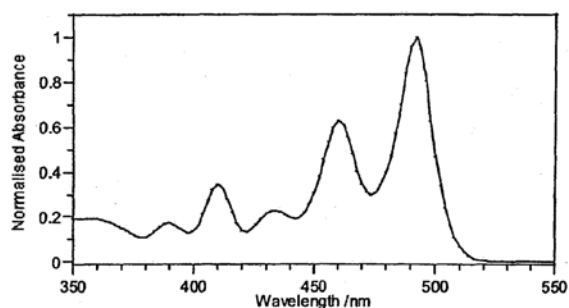
(54) Title of the invention : ANTHRA[2,3-B]BENZO[D]THIOPHENE DERIVATIVES AND THEIR USE AS ORGANIC SEMICONDUCTORS

(51) International classification	:C07D 333/76
(31) Priority Document No	:08022056.9
(32) Priority Date	:18/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/008460
Filing Date	:27/11/2009
(87) International Publication No	:WO 2010/069457
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)MERCK PATENT GMBH
Address of Applicant :FRANKFURTER STRASSE 250,
64293 DARMSTADT, GERMANY
(72)Name of Inventor :
1)TIERNEY, STEVEN
2)WANG, CHANGSHENG
3)MITCHELL, WILLIAM

(57) Abstract :

The invention relates to novel anthra[2,3-b]benzo[d]thiophene derivatives, methods of their preparation, their use as semiconductors in organic electronic (OE) devices, and to OE devices comprising these derivatives.



No. of Pages : 58 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2989/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 10/02/2012

(54) Title of the invention : 3-(3-PYRIMIDIN-2-YL-BENZYL)-(1,2,4)TRIAZOLO (4,3-B)PYRIMIDINE DERIVATIVES

(51) International classification :C07D 487/04
(31) Priority Document No :10 2008 063 667.3
(32) Priority Date :18/12/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/008195
Filing Date :18/11/2009
(87) International Publication No :WO 2010/069441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MERCK PATENT GMBH
Address of Applicant :FRANKFURTER STRASSE 250,
64293 DARMSTADT, GERMANY

(72)Name of Inventor :
1)SCHADT, OLIVER
2)DORSCH, DIETER
3)STIEBER, FRANK
4)BLAUKAT, ANDREE

(57) Abstract :

The invention relates to the compounds of formula I, where R1, R2, R3, R4 are as defined in claim 1, and are inhibitors of tyrosine kinases, particularly of Met kinase, and can be used for treating tumors, among other uses.

No. of Pages : 75 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2994/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 10/02/2012

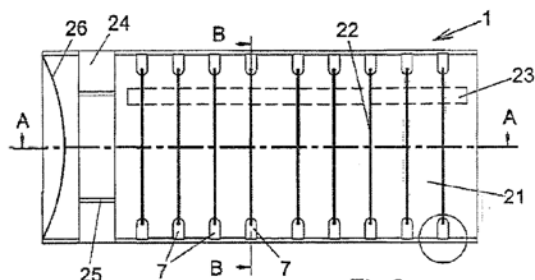
(54) Title of the invention : PLATFORM BODY

(51) International classification :B60P 1/28
(31) Priority Document No :0900064-7
(32) Priority Date :22/01/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/050042
Filing Date :18/01/2010
(87) International Publication No :WO 2010/085201
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SSAB TECHNOLOGY AB
Address of Applicant :P.O. BOX 70 SE-101 21
STOCKHOLM SWEDEN
(72)Name of Inventor :
1)LINDSTRÖM, BO

(57) Abstract :

Platform body (1, 80) comprising a bottom (21) to which two opposite sides (31, 32, 41, 42, 63, 83, 84) are connected that either consist of long sides or of short sides as well as at least one additional side for the formation of a cargo volume (LV), said bottom having a bottom surface of a surface length between the opposite sides of the platform body (1, 80) that is larger than the spacing between said opposite sides, at least one part of said bottom being curved inward toward the cargo volume (LV), wherein at least one tie means (22) is mounted with one end thereof connected to one of the opposite sides of the platform body (1, 80) and with the other end thereof connected to the other opposite side of the platform body (1, 80) in order to eliminate deflection of said sides when the bottom of the platform (1, 80) is loaded by goods.



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

(54) Title of the invention : VALVE ASSEMBLY

(51) International classification :F16K 31/08
 (31) Priority Document No :08172666.3
 (32) Priority Date :22/12/2008
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/GB2009/051763
 Filing Date :22/12/2009
 (87) International Publication No :WO 2010/073041
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ARTEMIS INTELLIGENT POWER LIMITED

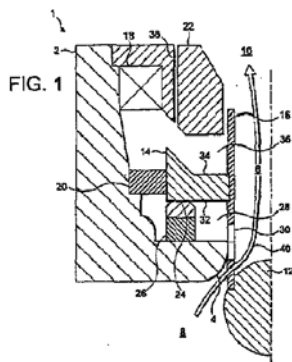
Address of Applicant :UNIT 3, EDGEFIELD INDUSTRIAL ESTATE, EDGEFIELD ROADLOANHEAD, EH20 9TB GREAT BRITAIN

(72)Name of Inventor :

1)CALDWELL NIALL JAMES**2)STEIN UWE BERNHARD PASCAL****3)RAMPEN WILLIAM HUGH SALVIN**

(57) Abstract :

A valve assembly suitable for regulating the flow of fluid between a working chamber of a fluid-working machine and a fluid manifold. The valve assembly comprises a valve body comprising a valve seat, a fluid passage extending through, the valve body, and a travelling member comprising a valve member, which valve member is operable between an open position in which the valve member is spaced apart from the valve seat and fluid can flow through the fluid passage and a closed position in which the valve member is in sealing contact with the valve seat preventing fluid from flowing through the fluid passage.. The valve assembly defining a fluid flow path passing, in a first fluid flow mode, between the valve member and the valve seat, and into the fluid passage. The valve assembly is characterised by defining a fluid flow path including a constricted flow region and further comprising a reduced pressure chamber in communication with both a first surface of the travelling member and the constricted flow region, arranged to exert a force on the travelling member by way of a pressure reduction in the reduced pressure chamber when fluid is flowing along the fluid flow path, through the constricted flow region, which force acts to resist closure of the valve. Thus, a force is generated which opposes forces acting on the valve member due to the flow of fluid past the valve member.



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

(54) Title of the invention : PORTABLE CHARGEABLE SPRAYING BOTTLE

(51) International classification :B65D 83/14
 (31) Priority Document No :200820206225.2
 (32) Priority Date :26/12/2008
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2009/072347
 Filing Date :19/06/2009
 (87) International Publication No :WO 2010/072064
 (61) Patent of Addition to Application :NA
 Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DONGGUAN YIXIN MAGNETIC DISK CO., LTD

Address of Applicant :FUDA IND PARK, ZHANGYANG DISTRICT, ZHANGMUTOU, DONGGUAN, GUANDONG 523000 CHINA

(72)Name of Inventor :

1)HUI, YI MING**2)WANG, ZHI**

(57) Abstract :

The present invention related to a portable chargeable spray bottle comprises an inner bottle, a nozzle assembly equipped on the upper inner part of the inner bottle and a liquid charging structure placed at the bottom of the inner bottle. The liquid charging structure includes a liquid charging mouth and a protuberant piston equipped on the liquid charging mouth. The piston is provided with a liquid charging passage and a discharging opening is arranged on the top of the liquid charging passage. A stop block with one flared end is equipped on the top of piston. The first sealing ring capable of performing static sealing is arranged on the stop block. The piston is provided with a groove at the bottom in which the second sealing ring is equipped. The exhaust hole is equipped on the lower inner part of inner bottle which corresponds to the groove of piston, and an air duct extending to upper inner part of inner bottle is interconnected with the exhaust hole. When charging, the second sealing ring moves upwards and the air duct is connected with atmosphere; with charging finished, the second sealing ring moves downwards. Thus, the air duct is blocked from atmosphere. The present invention is easy for carrying and can be reused. The user can quickly charge the spray bottle through charging structure other than throwing it away once the liquid in the bottle is used up. Consequently, it can save costs and protect the environment.



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

(54) Title of the invention : METHOD OF MAKING SMALL LIPOSOMES

(51) International classification :A61K 9/127
 (31) Priority Document No :61/138,353
 (32) Priority Date :17/12/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/068499
 Filing Date :17/12/2009
 (87) International Publication No :WO 2010/078045
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ONCOTHYREON, INC.

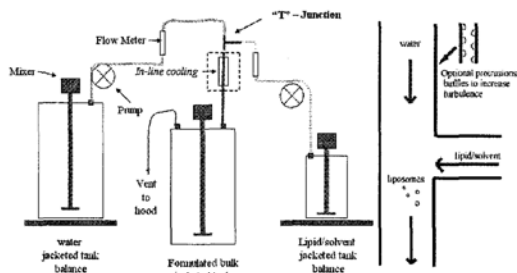
Address of Applicant :2601 FOURTH AVENUE, SUITE 500,
 SEATTLE, WASHINGTON 98121 UNITED STATES OF
 AMERICA

(72)Name of Inventor :

1)DUPUIT, ROBERT, A.**2)REILLEY, WILLIAM, J.**

(57) Abstract :

Liposomes of constrained particle size are prepared by substantially continuously mixing substantially continuously flowing streams of water, and of an organic solvent contain lipid(s) capable of forming liposomes, and cooling the mixture so liposomes form, the ratio of the flow rate of the stream of water to the flow rate of the stream of organic solvent, and the rate of cooling of said mixture, being controlled so as to obtain a preparation of liposomes such that at least about 90% of the liposomes are of a particle size less than about 200 nm.



No. of Pages : 20 No. of Claims : 25

(54) Title of the invention : PROCESS FOR PREPARING CHOCOLATE CRUMB

(51) International classification :A23G 1/00
 (31) Priority Document No :0901822.7
 (32) Priority Date :04/02/2009
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2010/000196
 Filing Date :03/02/2010
 (87) International Publication No :WO 2010/089552
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CADBURY HOLDINGS LIMITED

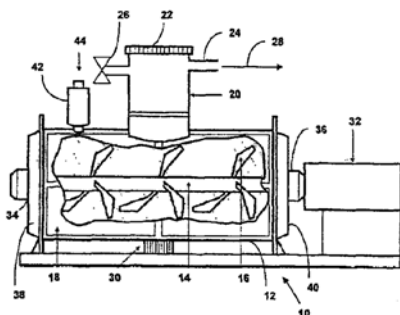
Address of Applicant :CADBURY HOUSE, SANDERSON ROAD, UXBRIDGE, UB8 1DH UNITED KINGDOM

(72)Name of Inventor :

1)GODFREY GRAHAM**2)KEOGH ANDREW JOSEPH****3)JACKSON GRAHAM MAUDSLAY****4)CHILVER IAN**

(57) Abstract :

A process for the manufacture of chocolate crumb and chocolate crumb and confectionery products made using the process. The process comprises: a) providing a milk and sugar mixture or mixing together, milk and sugar so as to form a mixture; b) evaporating liquid from the mixture so as to form sweetened condensed milk; c) adding and mixing cocoa mass/liquor to the sweetened condensed; d) subjecting the sweetened condensed milk and cocoa mass/liquor mixture to conditions effective to bring about sugar crystallisation in the mixture; e) drying the mixture so as to form chocolate crumb; and f) seeding the mixture with sugar during and/or between one or more of steps (c) to (e). The mixture is seeded with sugar so as to promote crystallisation prior to and/or during and/or after sugar crystallisation.



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

(54) Title of the invention : PROCESS FOR PREPARING CHOCOLATE CRUMB

(51) International classification :A23G 1/00
 (31) Priority Document No :0901817.7
 (32) Priority Date :04/02/2009
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2010/000193
 Filing Date :03/02/2010
 (87) International Publication No :WO 2010/089549
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CADBURY HOLDINGS LIMITED

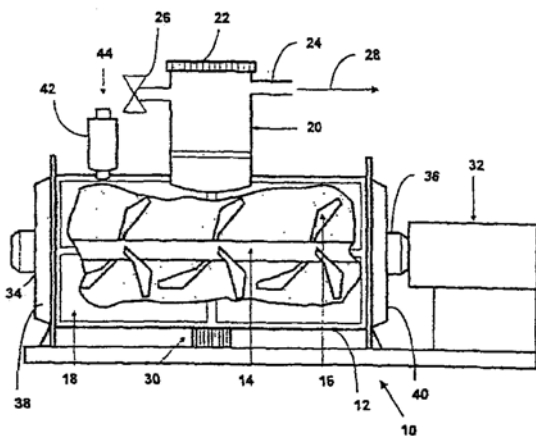
Address of Applicant :CADBURY HOUSE, SANDERSON ROAD, UXBRIDGE, UB8 1DH UNITED KINGDOM

(72)Name of Inventor :

1)GODFREY GRAHAM**2)KEOGH ANDREW JOSEPH****3)JACKSON GRAHAM MAUDSLAY****4)CHILVER IAN**

(57) Abstract :

The present invention relates to a process for chocolate crumb manufacture and to chocolate crumb and confectionery products made using the process. The process comprises: a) providing a milk and sugar mixture or mixing together milk and sugar so as to form a mixture; b) heating the mixture to a temperature in the range of 55 -110°C under a lowered pressure in the range of 18 - 25 kPa so as to effect evaporation of liquid from the mixture; c) adding cocoa mass/liquor to the mixture during and/or after step (a) and/or step (b); d) subjecting the mixture to conditions effective to bring about sugar crystallisation in the mixture; and e) drying the mixture so as to form chocolate crumb. Evaporation takes place at a reduced temperature and pressure so as to produce a sweetened condensed milk. In one embodiment the milk and sugar mix is evaporated to between 85 - 88 % solids by heating the mixture to between about 85°C to 95°C under a lowered pressure of approximately 24kPa for 30 minutes.



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

(54) Title of the invention : RANDOM ELASTOMER CUSHION RINGS FOR A CHAIN SPROCKET

(51) International classification :F16H 55/30

(31) Priority Document No :12/351,052

(32) Priority Date :09/01/2009

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

(86) International Application No :PCT/US2010/020072

Filing Date :05/01/2010

(87) International Publication No :WO 2010/080744

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

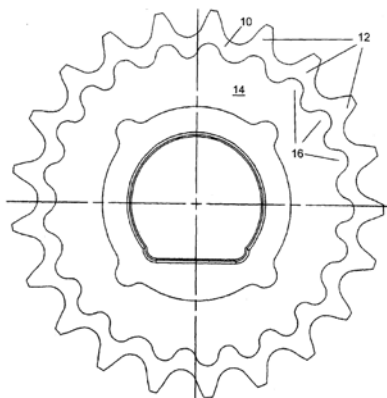
1)BORGWARNER INC.Address of Applicant :PATENT DEPARTMENT 3850
HAMLIN ROAD AUBURN HILLS, MICHIGAN 48326 U.S.A.

(72)Name of Inventor :

1)HAESLOOP, J. CHRISTIAN

(57) Abstract :

A sprocket includes a plurality of teeth spaced about its periphery, roots located between pairs of adjacent teeth, and a cushion ring contacted by a chain engaging the sprocket teeth. The roots have root radii defined as the distance between the center of sprocket and the point along the root closest to the sprocket center in the radial direction. In some embodiments, the roots have three distinct radii. The cushioning material of the cushion ring receives the impact while engaging the chain. In some embodiments, the cushion ring has a contour substantially following the contours of the sprocket teeth geometry. In some embodiments, the cushion ring has a randomized contour to provide predetermined cushioning that varies from tooth to tooth around the sprocket.



No. of Pages : 26 No. of Claims : 13

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	180322	144/DEL/1991	20/02/1991		A PROCESS FOR POLYMERIZATION OF ONE OR MORE OLEFINIC MONOMERS	BP CHEMICALS LIMITED A BRITISH COMPANY		DELHI
2	250855	1037/DEL/2001	10/10/2001		"AN IMPROVED PROCESS FOR THE PREPARATION OF 4-AMINO-1-NAPHTHALENESULFONIC ACID SODIUM SALT".	THE SECRETARY, MINISTRY OF INFORMATION TECHNOLOGY,	04/03/2011	DELHI
3	250856	491/DEL/1999	31/03/1999		A PROCESS FOR THE PERPARATION OF ALKALIP-HILIC AND THERMOPHILIC XYLANASE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	22/04/2011	DELHI
4	250857	2284/DEL/2004	17/11/2004	22/11/2003	2-ETHYL-4,6-DIMETHYLPHENYL-SUBSTITUTED SPIROCYCLIC TETRAMIC ACID COMPOUNDS	BAYER CROPSCIENCE AG,	22/04/2011	DELHI
5	250861	1012/DELNP/2004	18/09/2002	18/10/2001	METHOD FOR PROVIDING REFRIGERATION TO A CRYOGENIC VESSEL AND CRYOGENIC VESSEL SYSTEM	PRAXAIR TECHNOLOGY, INC.	28/07/2006	DELHI
6	250865	IN/PCT/2001/00176/DEL	24/09/1999	25/09/1998	GRANULAR DETERGENT COMPOSITIONS HAVING HOMOGENOUS PARTICLES AND PROCESS FOR PRODUCING SAME	THE PROCTER & GAMBLE COMPANY	08/04/2011	DELHI
7	250866	2952/DELNP/2006	25/11/2004	28/11/2003	A GAS BURNER	TECHINT COMPAGNIA TECNICA INTERNAZIONALE S.P.A.	10/08/2007	DELHI
8	250867	193/DELNP/2005	04/08/2003	12/08/2002	AN UNBLENDED PLASTICIZED POLYOLEFIN COMPOSITION	EXXONMOBIL CHEMICAL PATENTS INC.,	06/05/2011	DELHI
9	250868	3352/DELNP/2004	20/05/2003	24/05/2002	DEVICE FOR CLOSING AN OPENING, PARTICULARLY A STREET MANHOLE	SAINT-GOBAIN PAM	09/10/2009	DELHI
10	250870	616/DEL/2005	21/03/2005	18/05/2004	A BATTERY MOUNTING STRUCTURE FOR AN ELECTRIC VEHICLE	HONDA MOTOR CO., LTD	09/02/2007	DELHI

11	250872	479/DEL/1998	24/02/1998	27/02/1997	A PROCESS FOR THE PRODUCTION OF TEREPHTHALIC ACID BY THE CATALYTIC LIQUID PHASE OXIDATION	E.I.DU PONT DE NEMOURS AND COMPANY	20/05/2011	DELHI
12	250873	IN/PCT/2001/01059/DEL	17/05/2000	17/05/1999	A METHOD FOR PREPARING BIODEGRADABLE MICROSPHERES CONTAINING AN ANTICANCER AGENT	LABORATOIRES DES PRODUITS ETHIQUES ETHYPHARM	20/05/2011	DELHI
13	250874	4115/DELNP/2007	19/12/2005	22/12/2004	A PROCESS FOR CONVERTING METHANE TO HIGHER HYDROCARBONS	EXXONMOBIL CHEMICAL PATENTS INC.	31/08/2007	DELHI
14	250875	1646/DELNP/2006	27/09/2004	23/10/2003	METHOD FOR SECURING A DATA PACKET STREAM TRANSMITTED BY A TRANSMITTER DEVICE	THOMSON LICENSING.	10/08/2007	DELHI
15	250876	6902/DELNP/2006	05/05/2005	07/05/2004	A METHOD OF SELECTING A TRANSMISSION MODE AND RATE SELECTION IN A MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) WIRELESS COMMUNICATION SYSTEM AND APPARATUS	QUALCOMM INCORPORATED	31/08/2007	DELHI
16	250877	2061/DELNP/2004	17/03/2003	15/03/2002	AN AUTOMOTIVE ENGINE-COOLING FAN ASSEMBLY	ROBERT BOSCH CORPORATION,	06/04/2007	DELHI
17	250878	1790/DELNP/2005	26/11/2003	26/11/2002	A BINDER RESIN FOR A TONER AND A TONER THEREOF	mitsui chemicals, inc.	20/05/2011	DELHI
18	250879	1116/DELNP/2005	25/08/2000	20/08/1999	A PROCESS FOR PREPARING OXO-OXAZOLINE DERIVATIVES	SHIONOGI & CO., LTD	20/05/2011	DELHI
19	250880	2418/DEL/2004	02/12/2004		METHOD OF DETERMINING MATURITY OF INTACT MANGO IN TREE	INDIAN COUNCIL OF AGRICULTURAL RESEARCH	25/08/2006	DELHI
20	250881	419/DEL/2002	28/03/2002		A HERBAL OPHTHALMIC FORMULATION OF CURCUMA LONGA FOR DELAYING THE ONSET AND PROGRESSION OF CATARACT	ALL INDIA INSTITUTE OF MEDICAL SCIENCES,,DEPARTMEN T OF SCIENCE AND TECHNOLOGY	20/05/2011	DELHI
21	250883	2986/DEL/1997	17/10/1997	17/10/1996	PROCESS FOR PREPARING LARGE CRYSTAL ZEOLITES	EXXONMOBIL CHEMICAL PATENTS, INC.	13/05/2011	DELHI
22	250884	3259/DELNP/2005	04/06/2003	05/06/2002	RECORDING MEDIUM WITH A LINKING AREA INCLUDING A SYNC PATTERN AND METHOD THEREOF	LG. ELECTRONICS INC.	01/06/2007	DELHI

23	250885	1173/DELNP/2005	11/10/2002	11/10/2002	MOUNTING ASSEMBLY FOR RELEASABLY MOUNTING A HOUSING OF AN ELECTRONIC DEVICE AND A METHOD THEREOF	THOMSON LICENSING S.A.	09/10/2009	DELHI
24	250887	2524/DEL/2006	23/11/2006	14/12/2005	APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING FORMATION OF A CALL CONNECTION IN A RADIO COMMUNICATION SYSTEM WITH A SERVICECENTER IDENTIFIED BY A SHORT DIALING CODE	RESEARCH IN MOTION LIMITED	31/08/2007	DELHI
25	250888	4647/DELNP/2006	28/01/2005	02/06/2004	A MOBILE WIRELESS COMMUNICATIONS DEVICE AND A METHOD FOR MAKING A MOBILE WIRELESS COMMUNICATION DEVICE	RESEARCH IN MOTION LIMITED	13/07/2007	DELHI
26	250889	40/DEL/2004	08/01/2004	13/01/2003	SWITCHABLE TUNEABLE BANDPASS FILTER WITH OPTIMISED FREQUENCY RESPONSE	THOMSON LICENSING S.A	10/02/2006	DELHI
27	250891	354/DELNP/2005	31/07/2003	01/08/2002	AN ALWAYS-ON WIRELESS INTERNET PROTOCOL NETWORK	RESEARCH IN MOTION LIMITED,	20/03/2009	DELHI
28	250892	2249/DELNP/2004	21/02/2003	22/02/2002	ANTIMICROBIAL COMPOSITIONS CONTAINING STREPTOCOCCUS SALIVARIUS, AND USES THEREOF IN TREATING OR PREVENTING DENTAL CARIES	BLIS TECHNOLOGIES LIMITED	19/02/2010	DELHI
29	250893	1768/DELNP/2005	01/04/2003	05/11/2002	TELECOMMUNICATION SYSTEM FOR PROVIDING CLIENT SERVICE APPLICATIONS WITH ACCESS TO SERVICE CAPABILITY FEATURES	TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]	02/03/2007	DELHI
30	250900	IN/PCT/2002/00420/DEL	17/10/2000	12/11/1999	DEVICE FOR CONTROLLING SUPPLY OF CURRENT AND STATIC CAPACITANCE TO COMPRESSOR	LG ELECTRONICS INC	03/04/2009	DELHI
31	250904	184/DELNP/2005	15/09/2003	13/09/2002	A COMMUNICATION SYSTEM FOR OPTIMIZATION OF SYSTEM QUALITY BY IMPROVING FREQUENCY REUSE IN A MOBILE NETWORK INFRASTRUCTURE	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	14/11/2008	DELHI

32	250906	1177/DEL/1999	06/09/1999	09/09/1998	A COMPRESSED GAS INTERRUPTER	ALSTOM HOLDINGS	20/03/2009	DELHI
33	250907	1704/DELNP/2005	07/11/2003	08/11/2002	A PROCESS FOR FABRICATING A MULTI-LAYER CIRCUIT ASSEMBLY	PPG INDUSTRIES OHIO,INC	20/03/2009	DELHI
34	250909	2688/DEL/1996	03/12/1996	26/12/1995	SWITCH ACTUATOR	AMERACE CORPORATION	12/09/2008	DELHI
35	250911	IN/PCT/2002/00720/DEL	08/02/2001	08/02/2000	AN APPARATUS FOR HYDRATING A MEMBRANE IN A FUEL CELL	HONEYWELL INTERNATIONAL INC.	20/03/2009	DELHI
36	250912	550/DELNP/2007	19/09/2003	12/10/2002	PHTHALOCYANINE COMPOUNDS AND PRINTED MATERIAL	FUJIFILM IMAGING COLORANTS LIMITED	31/08/2007	DELHI
37	250913	549/DELNP/2004	04/09/2002	04/09/2001	METHOD OF FABRICATING AN ORGANIC FILM	THE TRUSTEES OF PRINCETON UNIVERSITY	30/10/2009	DELHI
38	250914	5626/DELNP/2007	16/12/2005	23/12/2004	A METHOD FOR PREPARING AN ADHERENT AND NON-TUMORIGENIC MDCK CELL LINE	MEDIMMUNE VACCINES,INC.	17/08/2007	DELHI
39	250925	IN/PCT/2001/00097/DEL	05/08/1999	05/08/1999	METHOD AND SYSTEM FOR NON-DESTRUCTIVE CONTROL OF A SURFACE USING A DYE PRODUCT	HOLORES INC	12/05/2006	DELHI
40	250926	150/DEL/2001	15/02/2001		"A UNIVERSAL ADAPTIVE AUTO-TUNING CONTROLLER FOR INDUCTION MOTOR DRIVE CONTROL"	BHARAT HEAVY ELECTRICALS LTD,	25/07/2008	DELHI
41	250927	522/DEL/2001	25/04/2001		AN APPARATUS FOR PROVIDING REDUNDANCY TO A PROCESSOR MODULE IN A DISTRIBUTED CONTROL SYSTEM.	BHARAT HEAVY ELECTRICALS LTD,	26/12/2008	DELHI
42	250929	2816/DELNP/2004	14/04/2003	17/04/2002	A FLUID DISPENSER PUMP	VALOIS S.A.S	02/10/2009	DELHI
43	250930	2256/DELNP/2004	28/05/2003	28/05/2002	AN OPTICAL FIBER RIBBON COMPRISING A PLURALITY OF OPTICAL FIBERS	SUMITOMO ELECTRIC INDUSTRIES, LTD.	09/10/2009	DELHI
44	250931	1468/DELNP/2006	22/09/2004	22/09/2004	A METHOD OF CALIBRATING AN ARTICULATING PROBE HEAD	RENISHAW PLC.	15/06/2007	DELHI
45	250934	760/DEL/2003	30/05/2003	03/06/2002	METHOD OF RECORDING DATA ON AN OPTICAL RECORDING MEDIUM	SAMSUNG ELECTRONICS CO.LTD	30/10/2009	DELHI
46	250938	4075/DELNP/2006	10/03/2005	18/03/2004	STEREOSELECTIVE SYNTHESIS OF VITAMIN D ANALOGUES	LEO PHARMA A/S	22/06/2007	DELHI
47	250939	30/DELNP/2006	27/07/2004	30/07/2003	A PLANAR ANTENNA WITH DIVERSITY OF RADIATION	THOMSON LICENSING	24/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	250863	1649/MUM/2006	06/10/2006 13:17:10		A TAMPER EVIDENT SECURED SEAL ALONGWITH ELECTRICAL CONDUCTIVE PATH AND METHOD OF MANUFACTURING THE SAME	PRASHANT JUVEKAR	11/07/2008	MUMBAI
2	250890	889/MUMNP/2006	22/01/2004	22/01/2004	A METHOD FOR ACCESS CONTROL IN A MULTICAST SYSTEM AND AN ARRANGEMENT THEREOF	TELEFONAKTIEBOLAGET LM ERICSSON (publ)	18/05/2007	MUMBAI
3	250895	2511/MUMNP/2008	16/05/2007	19/05/2006	PROBIOTIC MICROORGANISM COMPOSITION, GRANULES CONTAINING IT AND METHOD FOR THE PREPARATION THEREOF	LESAFFRE ET COMPAGNIE	20/02/2009	MUMBAI
4	250896	1398/MUMNP/2007	23/03/2006	25/03/2005	MEDICAL APPARATUS WITH HYPOPHARYNGEAL SUCTIONING CAPABILITY	VADIVELU NALINI	02/11/2007	MUMBAI
5	250899	186/MUM/2006	08/02/2006		AFFINITY POLYPEPTIDE FOR PURIFICATION OF RECOMBINANT PROTEINS	USV LIMITED	28/11/2008	MUMBAI
6	250922	1020/MUM/2004	22/12/2004		A PROCESS FOR PREPARING LACTIC ACID WITH LACTOBACILLUS DELBRUECKII MTCC 5199	GODAVARI BIOREFINERIES LTD.	26/01/2007	MUMBAI
7	250924	2126/MUMNP/2008	11/12/2006	18/04/2006	A METHOD OF PROVIDING A DROPLET	ADVANCED LIQUID LOGIC, INC.,DUKE UNIVERSITY	16/01/2009	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.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	250858	1159/CHENP/2005	08/12/2003	09/12/2002	METHOD OF FEEDING A SOLUTION OF CRUDE TEREPHTHALIC ACID INTO A REACTOR	mitsubishi chemical corporation	22/06/2007	CHENNAI
2	250859	4011/CHENP/2006	29/04/2005	30/04/2004	PROCESS FOR THE PRODUCTION OF CYCLIC DIKETONES	SYNGENTA PARTICIPATIONS AG,SYNGENTA LIMITED	10/08/2007	CHENNAI
3	250862	1633/CHENP/2007	20/09/2005	21/09/2004	COMMUNICATION METHOD FOR COMMUNICATING WITH ANOTHER COMMUNICATION APPARATUS	CANON KABUSHIKI KAISHA	31/08/2007	CHENNAI
4	250864	634/CHE/2007	28/03/2007 14:54:59	31/03/2006	PART TABLE CREATING APPARATUS AND PART CREATING METHOD	HONDA MOTOR CO., LTD	20/03/2009	CHENNAI
5	250869	5350/CHENP/2007	25/05/2006	26/05/2005	PROCESS FOR PRODUCING AQUEOUS SOLUTION OF DORIPENEM	SHIONOGI & CO LTD	27/06/2008	CHENNAI
6	250871	2983/CHENP/2006	11/01/2005	14/01/2004	PYRIDINIUM AND QUINOLINIUM COMPOUNDS AS CHOLINE KINASE INHIBITORS	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS ,UNIVERSIDAD DE GRANADA	08/06/2007	CHENNAI
7	250882	1170/CHENP/2003	29/11/2002	29/11/2001	A CODING DISTORTION REMOVAL METHOD FOR REMOVING CODING DISTORTION IN A PICTURE	Panasonic Corporation	22/04/2005	CHENNAI
8	250894	888/CHENP/2007	13/07/2005	30/07/2004	A GENERIC DECLARATIVE AUTHORIZATION SCHEME FOR JAVA	INTERNATIONAL BUSINESS MACHINES CORPORATION	24/08/2007	CHENNAI
9	250897	2965/CHE/2007	11/12/2007	05/02/2007	INTERNAL COMBUSTION ENGINE WITH FORCED AIR COOLING	HONDA MOTOR CO., LTD.	11/09/2009	CHENNAI
10	250898	1657/CHENP/2006	10/11/2004	14/11/2003	A TRANSPORT DEVICE ADAPTED TO BE TRANSPORTED BY AIR OR SURFACE TRANSPORTATION	AAR CORP.	08/06/2007	CHENNAI

11	250902	2545/CHENP/2006	09/12/2004	12/12/2003	PORT TYPE AGNOSTIC PROXY SUPPORT FOR WEB SERVICES INTERMEDIARIES	INTERNATIONAL BUSINESS MACHINES CORPORATION	08/06/2007	CHENNAI
12	250903	1966/CHENP/2007	25/04/2002	27/04/2001	PYRAZOLO(1,5-A)PYRIDINES AND MEDICINES CONTAINING THE SAME	EISAI CO., LTD.	31/08/2007	CHENNAI
13	250905	5119/CHENP/2007	12/05/2006	13/05/2005	NEURAL NETWORK USING SPATIALLY DEPENDENT DATA FOR CONTROLLING A WEB-BASED PROCESS	PAVILION TECHNOLOGIES, INC.	27/06/2008	CHENNAI
14	250910	1550/CHE/2005	25/10/2005	25/10/2004	A PROCESS FOR THE PREPARATION OF LOW BRANCH CONTENT POLYBUTADIENE	POLIMERI EUROPA S.P.A	14/09/2007	CHENNAI
15	250915	2531/CHENP/2005	01/02/2000	01/02/2000	A PROCESS FOR TREATING ANAEROBICALLY DECOMPOSED ORGANIC MATERIAL	ROYCHOWDHURY, SUKOMAL	29/07/2011	CHENNAI
16	250916	1635/CHENP/2007	20/10/2005	21/10/2004	REPAIR OF NUCLEIC ACIDS FOR IMPROVED AMPLIFICATION	NEW ENGLAND BIOLABS, INC	31/08/2007	CHENNAI
17	250917	3300/CHENP/2007	17/11/2005	27/12/2004	METHOD FOR PRODUCING DIRECTIONALLY SOLIDIFIED SILICONE INGOTS	ELKEM SOLAR AS	09/11/2007	CHENNAI
18	250918	1139/CHENP/2006	01/10/2004	03/10/2003	ALKOXY SUBSTITUTED IMIDAZOQUINOLINES	3M INNOVATIVE PROPERTIES COMPANY	31/08/2007	CHENNAI
19	250919	2872/CHENP/2006	04/02/2005	06/02/2004	MICROEMULSION FORMULATIONS COMPRISING PARTICULAR SUBSTANCE P ANTAGONISTS	NOVARTIS AG	06/07/2007	CHENNAI
20	250920	2029/CHENP/2006	10/12/2004	10/12/2003	A COMPOSITION, A SYSTEM AND A METHOD FOR BONDING GLASS INTO A STRUCTURE	DOW GLOBAL TECHNOLOGIES LLC	08/06/2007	CHENNAI
21	250921	1756/CHENP/2006	28/10/2004	21/11/2003	A COMPOUND OF FORMULA I	GIVAUDAN SA	06/07/2007	CHENNAI
22	250923	3870/CHENP/2007	07/12/1999	07/12/1998	ANALOGUES OF GLP-1	IPSEN PHARMA S.A.S	28/03/2008	CHENNAI
23	250928	1030/CHENP/2006	27/08/2004	27/08/2003	ACCUMULATION OF HETEROLOGOUS PROTEINS IN PLANT SEEDS BY SUPPRESSING ENDOGENOUS PROTEINS	ORF LIFTAEKNI HF.	29/06/2007	CHENNAI

24	250932	2148/CHENP/2006	17/11/2004	18/12/2003	METHOD FOR RECONSTRUCTING A BITUMINOUS-SURFACED PAVEMENT	ROAD SCIENCE, LLC	06/07/2007	CHENNAI
25	250933	2616/CHE/2007	12/11/2007 16:25:52		A FLUID LEVEL SENSOR	PRICOL LIMITED	02/04/2010	CHENNAI
26	250936	3700/CHENP/2006	06/04/2005	06/04/2004	ROTARY-PISTON ENGINE AND VEHICLE COMPRISING AN ENGINE OF THIS TYPE	PERAVES AG	06/07/2007	CHENNAI
27	250937	5575/CHENP/2007	05/05/2006	05/05/2005	COMPARTMENTALIZED RESIN PELLETS FOR OXYGEN SCAVENGING	M & G POLIMERI ITALIA S.P.A	28/03/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	250908	1263/KOL/2007	06/09/2007	12/09/2006	TORQUE TOOL FOR TIGHTENING OR LOOSENING CONNECTIONS, AND METHOD OF TIGHTENING OR LOOSENING THE SAME	UNEX CORPORATION	25/04/2008	KOLKATA
2	250935	1528/KOLNP/2007	17/11/2005	17/11/2004	METHOD FOR PRODUCING OPTICALLY ACTIVE ALCOHOL	NIPPON SODA CO., LTD.	27/07/2007	KOLKATA

CONTINUED TO PART- 2