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का
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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

5th APRIL, 2013

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**THE PATENT OFFICE
KOLKATA, 05/04/2013**

Address of the Patent Offices/Jurisdictions

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

<p>1 Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	<p>4 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>
<p>2 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>	<p>5 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>3 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>	<p>❖ Rest of India</p>

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 05/04/2013
कार्यालयों के क्षेत्राधिकार के पते

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

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

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

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

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

CORRIGENDUM (DELHI)

The patent application number 1137/DEL/2011 was filed as complete specification on 18-04-2011 and was converted to provisional application under section 9(3) of the Patents Act and Rules as per the request of the applicants received on 12-04-2012. Since no complete specification was filed after the provisional application within the prescribed time, the said application is to be treated as deemed to have been abandoned u/s 9(1) of the Act and the said patent application published under u/s 11(A) on 02/11/2012 under journal number 44/2012 shall be treated as deemed not have been published.

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.234/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD FOR COMMUTING IN AN AREA

(51) International classification

:G01C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KHANNA, SAMEER

Address of Applicant :D2/2125, VASANT KUNJ, NEW
DELHI - 110070, INDIA

2)SAHAI, SWATI

3)BHAT, PROMILA

(72)Name of Inventor :

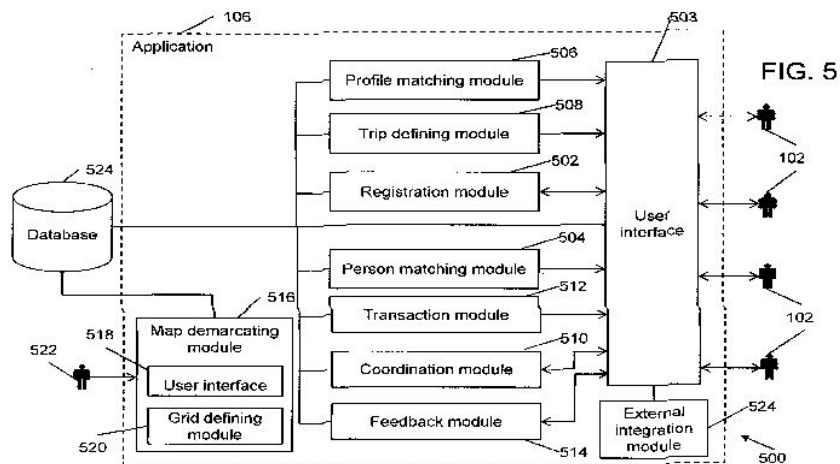
1)KHANNA, SAMEER

2)SAHAI, SWATI

3)BHAT, PROMILA

(57) Abstract :

A system and method for commuting by sharing trips is presented. The present invention relates to an application, which receives profiles from registered persons. Each profile comprises an origination and destination in the area, mode and start time of a trip desired. The mode defines the persons intention of being a passenger or the driver. Matching profile(s) are identified for each profile from all received profiles using a demarcated map of the area. The matching profile(s) is presented to the person. The trip is defined based on selections made by the person and the persons of matching profiles. The driver and passengers from amongst the persons included in the trip, are specified along with the start time, origination and destination for each person included in the trip. The application coordinates between people during the trip. Money transactions are managed for the trip on receiving inputs from persons included in the trip.



No. of Pages : 50 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1944/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : A SYSTEM AND METHOD THEREOF FOR OPERATING A FUEL ENGINE USING WATER

(51) International classification	:F02B47/02, F02B43/12	(71) Name of Applicant : 1)PIPALIA PARSOTTAM PREMJBHAI Address of Applicant :NAROLA CHAMBERS, SHOP NO. 8, OPP. SAIBABA PETROL PUMP, NEAR GAJERA CIRCLE, AMROLI ROAD, KATARGRAM, SURAT, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PIPALIA PARSOTTAM PREMJBHAI
(87) International Publication No	:N/A	2)PIPALIA JIGNESH PARSOTTAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for generating hydrogen gas by electrolysis of water for fueling an engine is disclosed. The system (100) comprises a power regulator (142) to regulate the flow of an electric current from a battery source to a water tank (124) provided in communication with engine (130). The water tank (124) has a positive side (102) and a negative side (112) defined by a partition plate (145), each of the positive side (102) and the negative side (112) include a plurality of electricity conductors (122).The electricity conductors (122) on the positive side (102) receive the electric current in the water tank (124), on passing the electric current the water in the water tank (124) undergoes electrolysis to generate oxygen gas at the positive side (102) and hydrogen gas at the negative side (112), the hydrogen gas is then supplied to the engine (130) via the hydrogen flow path (148).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : A HAIR CLIP WITHOUT REBIT

(51) International classification	:A45D8/00
(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. PRADEEP B. RAUT
Address of Applicant :AAI BUNGLOW, NEAR RAM
MANDIR, BOLINJ, VIRAR (WEST), DIST - THANE
Maharashtra India
(72)**Name of Inventor :**
1)MR. PRADEEP B. RAUT

(57) Abstract :

A metal hair clip without rebit which require less metal which is having more durability, > cost effective and aesthetic looks. After making the drawings, the metal sheets are inserted into the die and a soft punch is made from it After cutting according to the design, the soft punch is hardened. After the hardening procedure is completed the design is put through an operation wherein 2 specific points are pressed in such a way that it gives strokes to the design which enables the action of moving front and back and gives tension to the product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2954/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : INTEGRATED SUGAR ERP SYSTEM

(51) International classification	:G06F17/60	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MR. CHAITANYA MOHAN KODKANI
(32) Priority Date	:NA	Address of Applicant :SHREE CHH. SHAHU SAHAKARI
(33) Name of priority country	:NA	SAKHAR KARKHANA LTD. SHRIMANT JAYSINGRAO
(86) International Application No	:NA	GHATGE BHAVAN, KAGAL, DIST. KOLHAPUR 416216,
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. VIJAY SADASHIV AUTADE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides ERP software system for sugar manufacturing and allied units. This software system employs Microsofts Dot Net technology with Microsoft Visual Studio 2008 as a front end tool and Oracle IOg as a back end tool. It is developed on c# and can be shifted to higher platforms. Crystal reports 11.0 from Business Objects are the reporting tool used. This ERP software system comprises integrated modules such as Accounts, Agriculture, Cane Account, Web, Inventory etc. which are associated with the Sugar manufacturing unit. The access and control of the modules depend on the level of the user. All the modules are designed uniformly to avoid confusion and ease the process of using this software system. This ERP software system has the facility to incorporate short-message-service (SMS) ability and can also include or exclude module(s) as per the customers requirements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.305/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : SMOOTHENED EDGE RAZOR BLADE

(51) International classification	:B26B21/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAHANUKAR DILIP S.
(32) Priority Date	:NA	Address of Applicant :SHREE SADAN, 4A,
(33) Name of priority country	:NA	M.L.DAHANUKAR MARG MUMBAI 400026 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DAHANUKAR DILIP S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention consists of a product called Smoothened Edge Razor Blade which has a layer of Gold metal applied to its edge to smoothen the irregularities along its line of edge. The layer of gold is introduced in between the underlying hard coated layer of the blade of edge and the coating of PTFE (polytetrafluoroethylene) to make the Smoothened Edge Razor Blade which avoids itching and burning sensation after shaving.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.292/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : FORMATS CRICKET MATCHES FOR TV ENTERTAINMENT SHOW AND FOR MOBILE PHONE

(51) International classification	:G11B27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAHANUKAR DILIP S.
(32) Priority Date	:NA	Address of Applicant :SHREE SADAN, 4A,
(33) Name of priority country	:NA	M.L.DAHANUKAR MARG, MUMBAI 400026 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DAHANUKAR DILIP S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention embodies the idea, concept and format for the creation of a short duration entertaining cricket matches to enjoy in a TV show and on the screen of the mobile phone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3408/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : THE ECONOMICAL METHOD OF ENHANCEMENT OF POWER SUPPLY THROUGH THE PROCESS OF RECYCLING THE CONNECTED POWER BY MEANS OF AN ALTERNATOR AND THE INVERTER OF THE MATCHING CAPACITIES FOR MULTIPLE COMMERCIAL & INDUSTRIAL APPLICATIONS.

(51) International classification	:H02K57/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JONDHALE SAINATH R.
(32) Priority Date	:NA	Address of Applicant :AT VILLAGE & POST: JAULKE-
(33) Name of priority country	:NA	DINDORI, TAL.: DINDORI, DIST: NASIK PIN CODE -
(86) International Application No	:NA	422206, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JONDHALE SAINATH R.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The economical method of enhancement of power supply through the process of recycling the connected power by means of an alternator and the Inverter system of the matching capacities for multiple commercial and industrial uses and applicant either simultaneously or at a later date. There are three main components involved in this innovative method of power supply enhancement i.e. (Refer Schematic Drawing) A. Single Phase Electric Motor of X capacity connected to the alternator, B. Alternator C. Inverter with Batteries Set of Single X Capacity. The Single Phase Electric Motor A of X Capacity takes it power supply from the Inverter C or alternatively from the Grid connection of the Local Electric Supply company as and when available and convenient. This Electric Motor A is connected to the Alternator B by means of pulleys and conveyor Belting . With the continuous operation of the Electric Motor A the Alternator B will generates X plus power, Maximum up to 2X which is transmitted to the Inverter C for storage and reuse as and when required and particularly when regular electric supply from the local Grid is not available. This storage of Power in the Inverter C can be used for multiple commercial and industrial applications through the Switches and the Distribution Board. The enhancement of power through this Method can be suitably increased by altering the capacity of the Single Phase Electric Motor with the aid and use of the matching Alternator and the Inverter of the suitable capacity to store the added power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/02/2013

(21) Application No.345/MUM/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYNTHESIS OF SCHIFF-BASE AND THEIR TRANSITION METAL COMPLEXES

(51) International classification :C07C209/60
(31) Priority Document 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 AJIT HIRACHAND MANIKSHETE
Address of Applicant :WALCHAND COLLEGE OF ARTS &
SCIENCE, ASHOK CHOWK, SOLAPUR, 413006 Maharashtra
India
(72)Name of Inventor :
1)DR A.H. MANIKSHETE
2)DR S K SARSAMKAR
3)DR (MRS) V H RAJURKAR
4)MISS M M AWATADE

(57) Abstract :

In a preferred mode of the invention reaction between 2,3-Butanedione 3-monoxime, 2/3/4-nitrophenyl give Schiff bases as 2NAD(2-nitrophenyl 2,3-butanedione 3-monoxime), 3NAD(3-nitrophenyl 2,3-butanedione 3-monoxime) and 4NAD(4-nitrophenyl 2,3-butanedione 3-monoxime). These Schiff bases and hydrated metal salts of CrIII, MnII and FeII give complexes of the type [MnL₂2(H₂O)]. In an another aspect of the invention biological activity of the schiff base ligands and their metal complexes have been studied using the agar well diffusion method and ditch diffusion method. Ligands and metal complexes shows activity against S. aureus (gm positive), P. aeruginosa (gm negative) Aspergillus niger and Candida albicans. In antifungal studies, the ligands 3NAD and 4NAD showed moderate activity against Aspergillus niger and Candida albicans, but ligand 2NAD behaves as inactive. Manganese and Iron complexes of 2NAD, 3NAD and 4N AD showed less to moderate activity against Aspergillus niger and Candida albicans, but their chromium complexes showed moderate to higher activity against Candida albicans and less to higher activity against Aspergillus niger. In one more of the aspect of the invention it is provided that the schiff-base transition metal complexes are having anticancer activity;

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2263/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : A HARD GOLD ALLOY AND ITS COMPOSITION THEREOF

(51) International classification

:C22C5/02

(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)SUBODH PETHE

Address of Applicant :402, A-6, VIKAS COMPLEX,
CASTLE MILL, THANE 400 601 Maharashtra India

(72)Name of Inventor :

1)SUBODH PETHE

(57) Abstract :

The present invention relates to A hard gold alloy comprising of 91.7 to 98.9 wt% gold, 0 to 7.29 wt% copper, 0 to 7.29 wt% silver, 1 %wt titanium and 0.01 to 0.10 wt% boron.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3270/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A METHOD OF INCOMING CALL CONVERTS IN MISS CALL AND REPLACES IN SMS MODEM OR CALLER ID DEVICE OF MOBILE COMMUNICATION DEVICE.

(51) International classification	:H04M3/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MRS DEEPA PRASHANT SOHANI
(32) Priority Date	:NA	Address of Applicant :16, VEER SIDHNAK CHS,
(33) Name of priority country	:NA	SHIVSRUSHTI, KURLA (E), MUMBAI-400024, Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)MR NAVNEET SHRIPATI KAMBLE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MRS DEEPA PRASHANT SOHANI
Filing Date	:NA	2)MR NAVNEET SHRIPATI KAMBLE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of incoming call automatically converts in miss call using SIM (Subscriber Identity Module) modem or caller ID device or mobile communication device and miss call replace automatically in pre set SMS (Short Message Service) sent via SIM Modem or caller ID device or Internet SMS Getway or mobile communication device when called party unable to attend call and to provide information. In an exponential embodiment an incoming call automatically converts in miss call memory within the SIM modem or caller ID device attached with computer or mobile communication device is preprogrammed with identification incoming call representative of transmitting stations to be converts in miss call. This is accomplished by generating a pre set SMS through SIM modem or caller ID device or Internet SMS Getway or mobile communication device. The pre set SMS preferably generated though SIM modem or caller ID device or mobile communication device only upon receipt of incoming call converts in miss call.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.346/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A METHOD FOR CHEMICAL DEPOSITION OF THIN FILM OF CADMIUM INDIUM SELENIDE [CDIN2SE4] ON SUBSTRATE FOR EFFICIENT SOLAR ENERGY ABSORPTION

(51) International classification	:C23C18/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR AJIT HIRACHAND MANIKSHETE
(32) Priority Date	:NA	Address of Applicant :WALCHAND COLLEGE OF ARTS &
(33) Name of priority country	:NA	SCIENCE, ASHOK CHOWK, SOLAPUR, 413006, Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR A.H. MANIKSHETE
(61) Patent of Addition to Application Number	:NA	2)DR MAHADEV R ASABE
Filing Date	:NA	3)DR (MRS) REKHA M OVHAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Cadmium indium selenide CdIn₂Se₄ compound belonging to AIIIB₂IIIC₄VI semiconductors family exhibit chemical composition dependent optical, electrical and structural properties. The engineering of properties makes these materials quite useful in solar energy conversion, Optoelectronic devices, and nonlinear optics. So far a number of methods including vacuum evaporation, slurry pasting, spray pyrolysis, electrodeposition have been utilized to deposit CdIn₂Se₄ material in thin film form. In one of the aspect of the invention chemical bath deposition Cadmium indium selenide is provided, in this method the deposition of CdIn₂Se₄ thin film have been carried out from a reactive solution obtained by reacting cadmium sulphate, indium trichloride, tartaric acid, hydrazine hydrate and sodium selenosulphate. The total volume of the reactive mixture was made upto 100mL by adding double distilled water. The beaker containing the reactive solution was transferred to an ice bath at 278 K temperature to obtain the reactive solution; In an aspect of the invention to form a film glass substrate were positioned vertically on a specially designed substrate holder and rotated in a reactive solution with a speed of 55±2 rpm. The temperature of the solution was then allowed to rise slowly to 293K. After one and half hour to three hours of deposition the substrates were subsequently removed from the beaker. The films obtained were washed with distilled water, dried in air and kept in a desiccator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.347/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYNTHESIS & BIOLOGICAL ACTIVITY (ANTI-BACTERIAL & ANTI-FUNGAL) OF SCHIFF BASE METAL COMPLEXES

(51) International classification :C07C209/60
(31) Priority Document 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 AJIT HIRACHAND MANIKSHETE
Address of Applicant :WALCHAND COLLEGE OF ARTS & SCIENCE, ASHOK CHOWK, SOLAPUR, 413006, Maharashtra India
(72)Name of Inventor :
1)DR A.H. MANIKSHETE
2)DR S K SARSAMKAR
3)DR (MRS) V H RAJURKAR
4)MISS M M AWATADE

(57) Abstract :

In the invention it is provided a method for synthesis and of Schiff base; the schiff base is 4-(2-hydroxy-1, 2-diphenylethylideneamino) phenol. The schiff base is prepared from the Benzoin (2-hydroxy-1, 2-diphenylethanone) and substituted 2-Amino Phenols is dissolved in absolute ethanol separately in 1:1 molar ratio. The ethanolic solutions is mixed together. After refluxing for 2 to 3 hrs, solid crude product is formed after cooling which is recrystallized from ethanol and dried in desiccators over anhydrous CaCl₂. The purity of Schiff bases is checked by TLC using silica gel. In the preparation of 4-(2-hydroxy-1,2-diphenylethylideneamino) phenol [HL-6] ligand a drop of piperadine is added as a dehydrating agent which gives better results with minimum time requirement for synthesis. The Schiff base and hydrated metal salts of Cu^{II}, Ni^{II} and Co^{II} in 1:1 ratio gave complexes of the type [MnL₂(H₂O)]. Complexes prepared have exhibited promising antifungal activity and antibacterial activity against Staphylococcus aureus and Pseudomonas aeruginosa; it also demonstrated good haemolytic activity which can be used as a medicine. The complex possessing anticancer activity against the uncontrolled growth of the cells, hence can be used as anticancer drug.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3410/MUM/2012 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : WAX OCCLUSION RIM ROLLER

(51) International classification	:A61C13/00
(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)BANGAR MUKESH RAJU
Address of Applicant :BLOCK NO. 109, WARD NO. 10,
WANJARI FAIL, YAVATMAL, PIN 445001 Maharashtra India
2)PATIL PRAVINKUMAR GAJANAN
(72)**Name of Inventor :**
1)BANGAR MUKESH RAJU
2)PATIL PRAVINKUMAR GAJANAN

(57) Abstract :

This invention is related to wax occlusion rim finishing instrument during recording the maxilla-mandibular records for compete denture patient. Finishing of the wax occlusion rims in a important step and can be performed with the conventional instruments like a wax knife, wax spatula or a carver. It requires a good psychomotor skills and expertise to finish the occlusion rim especially for the undergraduate students practicing on the models in pre-clinical classes or on the patients in clinical classes. This invention describes a new instrument that can be used to finish the wax-occlusion rim in simpler way. With the use of a wax occlusion-rim roller, the student or the clinician does not require soft hand skill and the expertise. Instrument comprises of a rolling cylinder, shaft and handle. It can be used in all direction including labial, occlusal and lingual or palatal surface of wax occlusion rim. This instrument makes the procedure faster and easier than conventional one.

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3411/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A SMART PHONE BASED BCI FOR SECRET REMOTE COMMUNICATION USING WIRELESS SENSOR NETWORK

(51) International classification	:G06F3/00, H04M1/725	(71) Name of Applicant : 1)Jyoti Vilas Gadekar Address of Applicant :C/O Shambala Shinde G-1 Chandrai Spandan. Back Gate Of Wonder City Near Ramesh Traders Katraj 411046 Maharashtra India 2)Nitinkumar Rajendra Gove
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Jyoti Vilas Gadekar
(61) Patent of Addition to Application Number	:NA	2)Nitinkumar Rajendra Gove
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Brain machine interface and wireless sensor network have a lot of interesting applications in wireless communication. Brains waves are used as transfer of secret data via multiple sensor networks to remote station for various applications where secrecy and security of message is of prime importance. Present invention looks at some of the special actions that need to be taken in WSNs with brain machine interface for transferring secret data with intrusion detection. Following invention is described in detail with the help of FIG. 1 of sheet 1 showing architecture of the proposed system Figure 2 of sheet 1 shows a wireless EEGCAP that is placed on subjectTMs head and is used to capture the brain signals figure 3 of sheet 2 shows the components of embedded signal processing and message creation circuit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2012

(21) Application No.3722/MUM/2012 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : AN AUTOMATIC TRACTOR DRAWN MOBILE ROTARY SHREDDER

(51) International classification	:A01D41/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Tirth Agro Technology Pvt.Ltd
(32) Priority Date	:NA	Address of Applicant :Shaktiman, Survey No. 108/1, Plot No.
(33) Name of priority country	:NA	B, At.: Bhunava, Near Goverdhan Gining National Highway 8-B
(86) International Application No	:NA	After Bharudi Toll Plaza, Taluka- Gondal, Dist- Rajkot 360 311
Filing Date	:NA	Gujarat India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Gohil Hasmukhbhai Gatorbhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses automatic mobile rotary shredder (17) having a guide unit with a pair of feeder guide (8), a cutting unit with pair of disc cutter (9), a chopping & shredding unit, a feeding unit to provide pressure and feed direction to the cut crops to enter into the chopping & shredding unit from the cutting unit; a spring mechanism (12), a grinding wheel (13) and a depth control wheel (15). Said chopping and shredding unit consist of a fixed blade (14), a rotatable flywheel (24) and an exhaust spout (16). A plurality of hardened knives (10) and a plurality of pallets (11) are fitted on the periphery of said rotating flywheel. The crops that being cut by the cutters, enters into the chopping and shredding unit as directed by the pressure unit where the cut crops gets chopped and shredded by means of the flywheel (24).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.380/MUM/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : STEP GENERATOR

(51) International classification	:H02K47/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Maharashtra State Board of Technical Education
Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
Maharashtra India
2)MVP RSM Polytechnic
3)Mr. Shitalkumar S. Pawar
4)Pinkesh Chhotalal Valand
(72)**Name of Inventor :**
1)Mr. Shitalkumar S. Pawar
2)Pinkesh Chhotalal Valand

(57) Abstract :

In our day to day life we come across many steps by climbing ups n downs our energy is wasted. So how we can utilize that energy and under use. So here whenever pressure falls on steps that energy is converted mechanical to electrical energy and light is produced. (Similar to alternator) so that energy we can apply to street and not only to street but also to small appliances like tube light n fans and many more things. We can implement in college because there are more population so more energy Overall it is eco-friendly project. Following invention is described in detail with the help of figure I showing the mechanism of step generator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.375/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : ROAD DIVIDER BASED POWER GENERATION USING MULTIPLE BLADE VERTICAL AXIS WIND MILL

(51) International classification	:F03D9/00, F03D11/00	(71)Name of Applicant : 1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(31) Priority Document No	:NA	2)Government polytechnic Mumbai
(32) Priority Date	:NA	3)Prof. Mrs. Urmila. M. Hire
(33) Name of priority country	:NA	4)PARAB RUPESH U.
(86) International Application No	:NA	5)PIMPUTKAR RAHUL
Filing Date	:NA	6)RAMANE RUPESH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Prof. Mrs. Urmila. M. Hire
Filing Date	:NA	2)PARAB RUPESH U.
(62) Divisional to Application Number	:NA	3)PIMPUTKAR RAHUL
Filing Date	:NA	4)RAMANE RUPESH

(57) Abstract :

Following invention provides a cost effective vertical axis wind mill ideally developed especially to be installed on road dividers. In this invention wind turbine charges a 12 volt battery and runs various 12 volt appliances. We have fabricated the small scale wind turbine on the basis of design calculations. In the present invention transmission system is provided for converting the wind force in to rotational speed of shaft. Following invention further provides mechanism to rotate the head assembly so as to access the use of wind from any direction, which increases the efficiency of the system. Following invention is described in detail with the help of figure 1 of sheet 1 shows schematic view of vertical axis wind mill power generation system, Figure 2 of sheet to shows assembly design of vertical axis wind mill, Figure 3 of sheet 3 shows MOSFET inverter circuit schematic

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.376/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : STREET LIGHT ENERGY SAVER

(51) International classification	:F21V99/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education
(32) Priority Date	:NA	Address of Applicant :49, Kherwadi,Bandra (E), Mumbai.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)MVP RSM Polytechnic
Filing Date	:NA	3)Mr. Shitalkumar S. Pawar
(87) International Publication No	: NA	4)Pinkesh Chhotalal Valand
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Shitalkumar S. Pawar
(62) Divisional to Application Number	:NA	2)Pinkesh Chhotalal Valand
Filing Date	:NA	

(57) Abstract :

Following invention provides microcontroller based street light energy saver is a cost effective, practical, ecofriendly and the safest way to save energy. It clearly tackles the two problems that world is facing today, saving of energy and also disposal of incandescent lamps, very efficiently. According to statistical data we can save more that 40 % of electrical energy that is now consumed by the highways. Following invention is described in detail with the help of figure 1 of sheet 1 denotes block diagram of the system.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : ECO FRIENDLY WATER HYBRID VEHICLE SYSTEM

		(71)Name of Applicant :
		1)Maharashtra State Board of Technical Education
		Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
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		2)AEST TM s College ofEngineering and Technology
		Polytechnic
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		4)Mr. Mandhare Govind Jalindar
		5)Mr. Salunkhe Pravin Hanumant
		6)Mr. Tambe Bhushan Ramdas
		7)Mr. Khot Rahul Shivaji
		(72)Name of Inventor :
		1)Mr. Wagare Mangesh Sambhaji
		2)Mr. Mandhare Govind Jalindar
		3)Mr. Salunkhe Pravin Hanumant
		4)Mr. Tambe Bhushan Ramdas
		5)Mr. Khot Rahul Shivaji
(51) International classification	:C25B9/00	
(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	

(57) Abstract :

Following invention describe the development of hydrogen fuel cell used for the increasing mileage & horsepower of vehicles. HHO dry cell systems can be configured to produce HHO gas on-demand either through an on/off switch or for as long as your vehicles engine is running. This kit includes an mini hydrogen generator that produces a mix of hydrogen and oxygen, from water, in a perfectly balanced mix. The HHO produced is then channeled through the intake manifold into the combustion chamber to mix with gasoline. In doing so the combustion rate of gasoline is greatly enhanced, burning completely and cleaner. With the help of present invention apart from enhanced fuel efficiency and higher torque, we get reduced temperature of engine providing enhanced life of engine oil. Following invention is described in detail with the help of figure 1 of sheet 1 shows series cell electrolyzer cross section, Figure 2 of Sheet 2 shows assembly of one of the preferred embodiment, Figure 3 of sheet 2 shows process of electrolysis.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : SOLAR LIGHTING SYSTEM

(51) International classification	:F21S9/03, F21V23/04	(71) Name of Applicant : 1)NILESH BHAGWANLAL TAUNK
(31) Priority Document No	:NA	Address of Applicant :407, PHOENIX COMPLEX,
(32) Priority Date	:NA	SAYAJIGUNJ, VADODARA-390005, GUJARAT, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NILESH BHAGWANLAL TAUNK
Filing Date	:NA	
(87) 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 solar lighting system comprising: a hollow body, cage disposed inside hollow body, at least one LED bulb disposed inside hollow body, a rechargeable battery disposed inside the cage, a solar photovoltaic panel. supported on the hollow body, and a solar PVC panel tilting mechanism fitted on hollow body, wherein the rechargeable battery is connected to the solar PVC panel on input side and connected to at least one LED BULB on the output side via a toggle switch and/or a charge controller to automatically switch on or switch off the system during transit and/or on deep discharge of the battery.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.303/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : ALTERATION IN EXISTING CARBURETOR IN ORDER TO USE METHANOL AS FUEL.

(51) International classification	:F02M1/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHORDIA, ANUJ
(32) Priority Date	:NA	Address of Applicant :SANWER ROAD, GRAM JAKHYA,
(33) Name of priority country	:NA	INDORE, MADHYA PRADESH, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHORDIA, ANUJ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of alteration in existing carburetors of two wheelers especially motorbikes in order to use methanol as fuel in which modifications are done by advancing the ignition time of the vehicles, altering the size of the slow jet and the pin of the accelerator, using a hotter spark plug and adjusting the carburetor spring valve. The motorbike modified using the present invention gives a cost saving of 30%. Moreover using methanol as a fuel gives more fuel efficiency and lesser emissions and so saves air from being polluted. The raw materials too required for production of methanol are coal and natural gas which are in abundance in India.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.377/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : THREE AXIS PNEUMATIC TRAILER

(51) International classification

:B60P1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)P.R.Patil Institute of Polytechnic & Technology

3)Prof. Ashish R. Sonekar

4)Anil M. Jawale

5)Sachin D. Sukalkar

6)Gaurav R. Burange

7)Shubham D. Ingole

(72)Name of Inventor :

1)Prof. Ashish R. Sonekar

2)Anil M. Jawale

3)Sachin D. Sukalkar

4)Gaurav R. Burange

5)Shubham D. Ingole

(57) Abstract :

Present invention has been conceived having studied the difficulty in unloading the materials from the trailer where a suitable arrangement has been designed such that the vehicles can be unloaded from the trailer in three axes without application of any impact force. By pressing the Direction control valve activated. The compressed air goes to the pneumatic cylinder through valve. The ram of the pneumatic cylinder acts as a lifting the trailer cabin. The automobile engine drive is coupled to the compressor, so that it stores the compressed air when the vehicle running. This compressed air is used to activate the pneumatic cylinder, when the valve is activated. Following invention is described in detail with the help of figure 1 of sheet 1 showing side view of three axis pneumatic trailer and Figure 2 of sheet 2 showing block diagram of the working of the invention.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.378/MUM/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : ADVANCED MULCH LAYER MACHINE

(51) International classification :A01C14/00
(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)Maharashtra State Board of Technical Education

Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.

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3)RANJITSINH ASHOK DESHMUKH

4)KAKADE DHANAJI

5)GHADAGE AJIT

6)JADHAV MOHIT

7)AWATADE TUKARAM

8)BAGAL DHANAJI

(72)Name of Inventor :

1)RANJITSINH ASHOK DESHMUKH

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3)GHADAGE AJIT

4)JADHAV MOHIT

5)AWATADE TUKARAM

6)BAGAL DHANAJI

(57) Abstract :

Mulching is the process of covering soil around the plant roots area with a view to insulate the plant and its roots from the effects of extreme temperature fluctuation. Now a day LDPE and LLDPE plastic films are commonly used for mulching. LLDPE black color mulch film is most popular owing to the twin properties of down-gauging and better puncture resistance. In the present invention we have carried out seven processes. There are benefits of mulch layer machine such as bed making, bed shaping, drip laying, fertilizer spreading mulch paper laying, dipping of paper in soil, punching the paper. Following invention is described in detail with the help of figure 1 of sheet 1 denotes side view of advanced mulch laying machine and Figure 2 of sheet 1 denotes top view of advanced mulch laying machine

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.462/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : SOLAR ONLINE SYSTEM

(51) International classification	:H01L31/058, F24J2/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHRIKANT PURUSHOTTAM SAROLKAR

Address of Applicant :PLOT NO. 8, GULMOHAR COLONY,
BEHIND M.J. COLLEGE, NEAR ST. JOSEPH HIGH SCHOOL
JALGAON, 425002. Maharashtra India

(72)Name of Inventor :

1)SHRIKANT PURUSHOTTAM SAROLKAR

(57) Abstract :

The present invention uses solar energy as an alternative power source to the mains or conventional inverters. Both, mains and solar power can be used for battery charging on sharing basis but the priority is given to solar. When full solar power is available, battery is charged from solar & does not use mains as the charging source. In case, where insufficient solar power is available, solar power remains the default charging source, however, if more current is required then it is taken from mains. The solar power sizing is done in such way that maximum time the inverter directly run from solar power. Solar charging is done by purely DC current, thereby increasing battery life. The present invention eliminates the need of purchasing a special solar inverter and utilizes the existing conventional inverter and battery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3578/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR SPEND ANALYSIS BY PROVIDING STRATEGIES FOR MINING SPEND INFORMATION.

(51) International classification	:G06F17/60	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ZYCUS INFOTECH PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
(33) Name of priority country	:NA	ANDHERI (EAST), MUMBAI - 400 096, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. ASHISH MOHAN JHA
(87) International Publication No	: NA	2)ANURAG KALIYA
(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 introduces a system for spend analysis by providing strategies for mining spend information; the system analyzes classified spend data based on predetermined strategies to find out saving and compliance opportunity across category and supplier, these strategies are supplier payment based saving and compliance strategies i.e. Payment Term Rationalization and Supplier Payment Term Compliance; it further creates business constraints for data analysis; the system comprises of: a processor unit; and a computer readable medium storing instructions executable by the processor unit comprising: Input System adapted for entering pre-defined parameters, including but not restricted to information of spend data, category of spend data, information of supplier, payment term, type of contract, contract term, other parameters and business constraints; Strategy Selection System to select Spend Analysis Strategy from Spend Analysis Strategy System, adapted for analyzing classified spend data based on pre-determined savings and compliance strategies; Category/ Supplier Display System to display categories/ suppliers for user-defined spend data which are matching the default/ user-defined business constraints; the Category/ Supplier Display System is integrated with Classification System adapted for classifying spend data based on pre-defined parameters; and Output System adapted for displaying output for strategy being selected for a specific parameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : MANUALLY OPERATED KNAPSACK SPRAYER MECHANISM

		(71)Name of Applicant :
		1)Maharashtra State Board of Technical Education
		Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
		Maharashtra India
(51) International classification	:B05B9/08	2)Agnihotri School of Technology
(31) Priority Document No	:NA	3)Piyush Mahadeo Sawarkar
(32) Priority Date	:NA	4)Nikhil Narendra Satone
(33) Name of priority country	:NA	5)Suraj Vishanupant Gomase
(86) International Application No	:NA	6)Sameer Mahadeorao Deshmukh
Filing Date	:NA	7)Sagar Subhashrao Sonkusare
(87) International Publication No	: NA	8)ChandrakantBapuraoKothare
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Piyush Mahadeo Sawarkar
(62) Divisional to Application Number	:NA	2)Nikhil Narendra Satone
Filing Date	:NA	3)Suraj Vishanupant Gomase
		4)Sameer Mahadeorao Deshmukh
		5)Sagar Subhashrao Sonkusare
		6)ChandrakantBapuraoKothare

(57) Abstract :

In conventional methodology weight of spraying machine along with spraying liquid has to be carried manually. It is very heavy and not easy to carry for longer distance for longer period. This is very time consuming, hectic and very difficult job for the person. To solve this problem following invention shifts this load of liquid on trolley which is working on a withworth quick return mechanism for obtaining linear motion of lever of pump. A normal man can push this trolley easily and it gives double output in less energy can be required for all this. The sprayer works on principle of withworth quick return mechanism which gives straight line motion to the pump (lever) which creates high pressure in less time and efforts man can spray liquid longer distance because on trolley he can store more liquid than which he can carry, on this trolley we can carry nearly double weight than the usual method. The invention is described by way of example with reference to the following drawings where figure 1 of sheet 1 shows motion flow diagram of the device, Figure 2 of sheet 2 denotes side view of the assembly, Figure 3 of sheet 3 shows front view of the assembly.

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

(54) Title of the invention : A METHOD FOR PRODUCTION OF ENZYME L-GLUTAMINASE FROM BACTERIA PRESENT IN GUT REGION OF PENAEUS MONODON

(51) International classification	:C12N9/00, C12N15/52	(71)Name of Applicant : 1)DR RAJESH CHANDRAKANT PATIL Address of Applicant :BHAVAN'S COLLEGE, ANDHERI (WEST), MUMBAI 400058, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR RAJESH C PATIL
(33) Name of priority country	:NA	2)DR SMT. PRATIMA S JADHAV
(86) International Application No	:NA	3)DR DHANRAJ B NAKADE
Filing Date	:NA	4)DR ANITA S JADHAV
(87) International Publication No	: NA	5)MRS SNEHIL JAISWAL
(61) Patent of Addition to Application Number	:NA	6)MS SWAPNALI R SABLE
Filing Date	:NA	7)MRS GEETHA D SHETTY
(62) Divisional to Application Number	:NA	8)DR ANIL M GARODE
Filing Date	:NA	9)DR KAKOLI DASSHARMA

(57) Abstract :

In one of the aspect of the invention black tiger Penaeus monodon is selected from the local market, the gut was homogenised with sterile 1 % peptone water for enrichment, these enriched gut pieces were plated on were plated on nutrient agar, nutrient agar and incubated, further, microbes isolated are screened for the glutaminase production which is done on modified minimal agar medium which is containing L- glutamine as a sole source of nitrogen & phenol red as a pH indicator. In an another aspect of the invention the microbes isolated from the gut region of the was isolated from prawns is identified as bacterium Pseudomonas aeruginosa, In one of the aspect of the invention screening M9 medium is used containing L-glutamine as a sole source of nitrogen & phenol red as a pH indicator so that if L-glutaminase producer is present it breaks the amide bond of L-glutamine and due to this slight alkaline conditions colony become pink & non-producer colonies are pale yellow. Further, the production & purification is done. Purified enzyme L-glutaminase is checked for its cytotoxic effect on normal cells and then on cancerous cell lines. In one of the aspect of the invention the enzyme L-glutaminase isolated from the bacterium Pseudomonas aeruginosa is evaluated against the standard chemotherapeutic drug Cisplatin

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : ADVANCED EMISSION REDUCER SYSTEM

(51) International classification

:F01N3/00

(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)Maharashtra State Board of Technical Education

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2)Government Polytechnic Nashik

3)Prof. RajuBakaramTirpude

4)Pravin Eknath Gaidhani

5)Ravindra Balchand Deore

6)ChaitanyaGirishJamgaonkar

7)Ketan Sudesh Deokar

(72)Name of Inventor :

1)Prof. RajuBakaramTirpude

2)Pravin Eknath Gaidhani

3)Ravindra Balchand Deore

4)ChaitanyaGirishJamgaonkar

5)Ketan Sudesh Deokar

(57) Abstract :

Many new technologies are emerging and developing in the automobile sector. Serious efforts are made to develop the pollution control technologies such as Exhaust Gas Recirculation, Catalytic Converter etc. as pollution has become the biggest problem in the world. ADVANCE EMISSION REDUCER SYSTEM (AERS) is one such better solution system which has been introduced to control the pollution due to vehicular emissions effectively. This system helps to reduce emission of I.C Engine to about 80% to 85%. This system mainly depends on venturi and uses the principle of venturi to reduce pollution. When the emission gases passes through the two respective venturies, the harmful sulphur gas react with ammonia with distilled water and nitrogen oxide react with purified urea with distilled water solution to reduce emission. This system reduces carbon monoxides, hydrocarbons, and sulphur and nitrogen oxide as well. This system has most advantages over the other pollution control techniques. Following invention is described in detail with the help of figure 1 showing construction of advanced emission reduction system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.42/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : ENERGY STORED SPRING OPERATED LINKAGE DEVICE - A DRIVE FOR CIRCUIT BREAKER

(51) International classification	:H01H71/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BMC ELECTROPLAST PVT LTD.
(32) Priority Date	:NA	Address of Applicant :BMC ELECTROPLAST PVT LTD.K-
(33) Name of priority country	:NA	133, MIDC WALUJ, AURANGABAD, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. MANOJ KANTI GHOSE
(87) International Publication No	: NA	2)MR.GIRISH VASANTRAO MAGRE
(61) Patent of Addition to Application Number	:NA	3)MR. RAJIV DWARIKADHISH BHARGAVA
Filing Date	:NA	4)MR. HEMANT TULSHIRAM NEMADE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a spring charge manually / electrically operated drive due to which the Moving Contacts perform the action of holding, disconnect / separate the Contacts, respect to fixed contact and a command is given from the Control devices, in the event of any Fault occurring on the Outgoing side. The rotational motion of cam and relative linkage convert the rotational motion into reciprocating motion. To obtain high efficiency the moving linkages design such a way that it have minimum weight to withstand higher endurance limit. The invention discloses the new concept of the mechanical anti-pumping and the possibility of improving the endurance performance, reliability of the mechanism by way of reducing the stress on the hinged points of drive shaft.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.440/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : MULTIFUNCTIONAL ELECTRONIC DEVICE / SENSOR

(51) International classification	:G01N21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72) **Name of Inventor :**
1)DR. PRAKASH RAVINDRA SOMANI
2)DR. SAVITA PRAKASH SOMANI
3)PROF. ASHOK MARUTI DATIR

(57) Abstract :

Multifunctional electronic device (sensor) is presented combining the tasks / functions / applications of Photosensor and Gas / vapor Sensor. Present invented device is a multifunctional device and can be used as a photosensor or as a gas /volatile organic compound (VOC) / vapor sensor. Device consists of an active layer which is made from a material / combination of materials which are both photosensitive and gas / VOC / vapor sensitive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : FOOT OPERATED TAP

(51) International classification	:F16K31/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHUTOSH D. BAGDE
(32) Priority Date	:NA	Address of Applicant :744, VAISHALI NAGAR, NAGPUR
(33) Name of priority country	:NA	440017 Maharashtra India
(86) International Application No	:NA	2)KISHOR K. KHANDARE
Filing Date	:NA	3)DR. ASHISH B. DEOGHARE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ASHUTOSH D. BAGDE
Filing Date	:NA	2)KISHOR K. KHANDARE
(62) Divisional to Application Number	:NA	3)DR. ASHISH B. DEOGHARE
Filing Date	:NA	

(57) Abstract :

Proposed foot operated tap invention uses foot force to operate water tap. The device has a horizontally placed cylinder (1) with piston (2), piston rod (3), helical spring(4), oblong link(8) and foot pad (10) as auxiliary components . When reasonable magnitude of foot force is applied on the foot pad, the piston moves from initial position and opens closed position of the supply pipe (5). It causes water to flow from reservoir because of gravitational force through exit bend pipe (6). After realizing force from foot pad the compressed helical spring because of prior operation releases stored energy. It maintained it original position by pushing coupled piston ahead thereby causing closing of water supply pipe opening. Thus by using this device both hands of user remain unengaged.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.516/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : AN EFFICIENT APPROACH TO MULTIUSER PAYMENT WITH A PROVISION FOR REWARDS.

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. AMIT THAPAR
(32) Priority Date	:NA	Address of Applicant :B/4, FLAT NO. 304 & 305, VEENA
(33) Name of priority country	:NA	NAGAR, L. B. S. MARG, MULUND (WEST), MUMBAI - 400
(86) International Application No	:NA	080 Maharashtra India
Filing Date	:NA	2)MR. RAFIQ SOMANI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. AMIT THAPAR
Filing Date	:NA	2)MR. RAFIQ SOMANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure relates to an online and offline multiparty payment platform which is self service kiosk with various features with rewards.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.573/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A SEMI-AUTOMATIC GEAR SHIFTER

(51) International classification	:B60W10/10, F16H59/00	(71) Name of Applicant : 1)MR. RAJNIKANT NANNAWARE Address of Applicant :85/1, BHAWANI PETH, DAV COLLEGE ROAD, SOLAPUR -413002, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)MR. RAJNIKANT NANNAWARE
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a semi-automatic gear shifter that includes a fork positioned between a gear shaft and a rack and pinion assembly, a plurality of motors coupled with a plurality of motor controller adapted to receive signal from an actuation assembly positioned on a steering wheel of the vehicle from a driver of the vehicle, and a microcontroller assembly controlling gear transmission in coordination with a first shaft, a second shaft, and a pin. The semi-automatic gear shifter of the preset invention solves the problem of the spacing in compact cars, saving the effort and the time for the driver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.589/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A SYSTEM FOR MOBILE TRANSPORTATION AND DISTRIBUTION OF BULK SOLID

(51) International classification	:B60P3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.AMIT VINAYAK KULKARNI
(32) Priority Date	:NA	Address of Applicant :SAULAVI, SECTOR NO. 26, PLOT
(33) Name of priority country	:NA	NO-164, PCNTDA, NIGDI PRADHIKARAN, BEHIND SWAMI
(86) International Application No	:NA	SAMARTH MANDIR, PUNE-411044, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR.AMIT VINAYAK KULKARNI
(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 for transferring bulk solid from a hopper to end user storage bin. The system comprises of jumbo bags for carrying a quantity of bulk solid and a mobile transfer system for transferring solid to end user. A system for mobile transportation and distribution of bulk solids comprising of roots blower(5)for providing flow of pressurized air; jumbo bag discharger(7);rotary air lock valve(8)for preventing pressurized air ;cyclone separator for removal of particles(11). The process comprises of transporting bulk solid material and flow of pressurized air through a delivery hose to end user site.The present embodiment is a cost effective, in terms of packaging cost to the producer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.680/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A THRUST VECTORING SYSTEM FOR REMOTE CONTROLLED AIRPLANE

(51) International classification	:B64C15/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARSH HARILAL PATEL
(32) Priority Date	:NA	Address of Applicant :B-5, K. K. SMRUTI, S. N. MEHTA
(33) Name of priority country	:NA	ROAD, NEW MANEKLAL ESTATE, GHATKOPAR (WEST),
(86) International Application No	:NA	MUMBAI - 400086, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HARSH HARILAL PATEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides a thrust vectoring system for remote controlled airplane, the thrust vectoring system comprising: a first cylinder (1) having four holes (11,12, 13,14) over a periphery of the first cylinder, the each hole being situated at 90° apart from the adjacent holes; a second cylinder (2) being placed coaxially inside the first cylinder (1), the second cylinder (2) comprises two holes (21, 22) being situated at 180° apart over the periphery of the second cylinder; a pair of servomotors (31, 32) being operated by remote control, the one of the servomotor (31) being connected to the first cylinder (1) through metal wire (41) and the other servomotor (32) being connected to the second cylinder (2) through metal wire (42); the each hole (21, 22) of the second cylinder (2) coincides with one (11,13) of the holes of the first cylinder (1) and connected with the said holes (11, 13) of the first cylinder by means of connecting screw (51, 52) such that the second cylinder (2) rotates freely about an axis of said holes (11,13, 21,22) of the first cylinder (1) and the second cylinder (2), at each of the remaining two holes (12,14) of the first cylinder a metal strip (61, 62) is attached from outer side of the first cylinder (1) by means of connecting screws (53, 54) in such a manner that the first cylinder (1) rotates about the metal strips, the servomotors (31, 32) provides rotational motion to the first cylinder (1) and the second cylinder (2) based on the input from the remote control and thereby controls vertically upward, vertically downward and both sideways motions of the airplane.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.471/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : THE INFLUENCE OF OPTIMIZED ENVIRONMENT FACTORS ON GROWTH OF SCHIZOSACCROMYCES POMBE CELLS IN CONTINUOUS TYPE OF FERMENTATION

(51) International classification	:c12p7/10, c12n1/16	(71) Name of Applicant : 1)MR GADHAVE NITIN BALASAHEB Address of Applicant :TEACHER'S COLONY, TAMBRI VIBHAG, OSMANABAD 413501 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MR GADHAVE NITIN BALASAHEB
Filing Date	:NA	2)DR A. M. DESHMUKH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one of the aspect of the invention it is provided a process for a continuous fermentation process at optimized process parameters to obtain higher yield process to provide a simpler and reduced cost process for producing alcohol. The process involves continuous fermentation of the bagasse obtained from the sugar cane, In an another aspect of the invention it is also provided that the process for continuous fermentation is optimized and various parameters are provided for the higher yield, the parameters are controlled by the growth of the yeast used for the process, other parameters such as temperature at which maximum yield takes place is also determined

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.539/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : AUTOMATIC WINDOW WASHER AND DRYER FOR HIGH RISE BUILDING.

(51) International classification	:A47L1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAUNDAL, ROHAN
(32) Priority Date	:NA	Address of Applicant :SHREE APARTMENT, A-WING, 301
(33) Name of priority country	:NA	AGROLI VILLAGE, SECTOR - 29, CBD BELAPUR, NAVI
(86) International Application No	:NA	MUMBAI - 400 614, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KAUNDAL, ROHAN
(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 cleaning apparatus for cleaning upright surfaces including walls and windows of buildings without the requirement of personnel at the specific site of cleaning and method for using the same. The cleaning apparatus of the present invention has a frame rotatably supporting one or more brushes adapted to engage the upright surface of a building. A davit supported on top of the building is connected to a cable pendently supporting the frame and brushes. A winch driven with a motor mounted on the frame operably connected to the wire rope cable operates to move the frame and brushes relative to the upright surface. The brushes are made of super absorbent micro fine non-scratch fibers which can absorb upto 8 times their own weight in water making the invention extremely cost effective. additionally has self-contained means to automatically wipe and dry the windows and wall immediately after washing the same, thus providing a polished finish to these surfaces.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.567/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : AN INTEGRATED SYSTEM FOR CALCULATING SAVINGS AT SEVERAL STAGES OF PROCUREMENT CYCLE BY AUTO-FETCHING SPEND DATA INTO SAVINGS TRACKER SYSTEM.

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ZYCUS INFOTECH PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
(33) Name of priority country	:NA	ANDHERI (EAST), MUMBAI - 400096, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. ASHISH MOHAN JHA
(87) International Publication No	: NA	2)BIKASH MOHANTY
(61) Patent of Addition to Application Number	:NA	3)PRASAD NAIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention introduces an integrated system for calculating saving at several stages of procurement cycle by auto-fetching spend data into Savings Tracker System. The system comprises: a processor unit; and a computer readable medium storing instructions executable by the processor unit comprising: Spend Data Input System adapted for auto-fetching of spend data from respective system; Savings Computing System adapted for computing savings at several stages of procurement cycle by comparing baseline spend and spend at each stage of procurement cycle; by general formula :- (Baseline Spend) - (Spend at specific stage of procurement cycle) = (Savings at respective stage of procurement cycle) and Display System adapted for displaying savings at respective stages of procurement cycle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A TRACTOR DRAWN ROTARY PLOUGH

(51) International classification	:A01B9/00, A01B15/00	(71)Name of Applicant : 1)Tirth Agro Technology Pvt.Ltd Address of Applicant :Shaktiman, Survey No. 108/1, Plot No. B, At.: Bhunava, Near Goverdhan Gining National Highway 8-B After Bharudi Toll Plaza, Taluka- Gondal, Dist- Rajkot 360 311 Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Gohil Hasmukhbhai Gatorbhai
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a tractor drawn rotary plough (11) consists of a main transverse frame (1) at the front side for attaching three point linkage system of tractor; a pair of floating plates (5) each of which being mounted at each end of said transverse frame (1); a plurality of rotatably coupled rotor-blade assembly (15) being arranged horizontally throughout the width of said transverse frame (1) at the bottom of said transverse frame (1) to substantially till the soil; a transverse levelling bar (12) being secured at rear side of said frame (1) to level the dug soil; a roller assembly (9TM) being mounted at the rear side of said levelling bar (12) to break the soil clods that being left after tilling the soil; and a gearbox (3) having an input shaft, an output shaft, a bevel gear and a plurality of spur gear.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2013

(21) Application No.681/MUM/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : A MOUNTING AND SUPPORTING STRUCTURE FOR PEDALS IN A MOTOR VEHICLE

(51) International classification	:B60T7/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HARSH HARILAL PATEL
Address of Applicant :B - 5, K. K. SMRUTI, S. N. MEHTA
ROAD, NEW MANEKLAL ESTATE, GHATKOPAR (WEST),
MUMBAI - 400086, Maharashtra India
(72)**Name of Inventor :**
1)HARSH HARILAL PATEL

(57) Abstract :

A mounting and supporting structure (1) for pedals (2) in a motor vehicle, the pedal (2) having body portion (2a) and foot portion (2b), the mounting and supporting structure (1) comprising: a spiral spring (3) having inner end (3a) and outer end (3b), the inner end (3a) being shaped as a hook and the outer end (3b) being shaped as a circular curl; a lock pin (4) being fitted to the body portion (2a) of pedal (2), the lock pin (4) comprises cylindrical structure (4a) with protrusions (4b) over periphery of the cylindrical structure; a mounting structure (5) having first cylindrical structure (5a) and second cylindrical structure (5b) and adapted to receive the spiral spring (3), the second cylindrical structure (5b) having diameter more than that of the first cylindrical structure (5a), the first cylindrical structure (5a) comprises cutouts (5a) to accommodate the lock pin (4) with protrusions (4a), the second cylindrical structure (5b) comprises grooves (5b) for accommodating bearings (6); a cover (7) being fitted on main frame or chassis of the motor vehicle, the cover (7) comprises grooves (7a) on inner surface of the cover to secure the bearings and a protrusion (7b) to be fitted in the outer end of the spiral spring (3).

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A HYBRID EVAPORATIVE/ REFRIGERATIVE AIR COOLER/ CONDITIONER

(51) International classification	:F25D31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURENDRA HIMATLAL SHAH
(32) Priority Date	:NA	Address of Applicant :15 - B, THACKER INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, N. M. JOSHI MARG, MUMBAI - 400011,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SURENDRA HIMATLAL SHAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an air cooling system for use in dry as well as humid conditions. The air cooling system comprises an evaporative cooling element for cooling the air in dry conditions and a refrigerative cooling element for cooling the air in humid conditions. The air cooling system further includes a control unit operatively connected to the evaporative cooling element and refrigerative cooling element for detecting room conditions and accordingly to decide which cooling element out of evaporative cooling element and refrigerative cooling element suits to the room conditions.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : TRACKING MECHANISM FOR SOLAR GENERATORS

(51) International classification	:F24J2/38, F03G6/06	(71) Name of Applicant : 1)KAPADIA CYRUS SAVAK
(31) Priority Document No	:NA	Address of Applicant :8-A, DR. KAPADIA PARK
(32) Priority Date	:NA	APARTMENT, OLD AGRA ROAD, OPP. JANALAXMI
(33) Name of priority country	:NA	BANK, NASHIK 422 002, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KAPADIA CYRUS SAVAK
(87) 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 independent tracking mechanism for tracking of rotating reflector mirror type solar generators about fixed collector pipe; and particularly a simple and precise tracking mechanism, which consumes very less power and is not dependent on gps feed & algorithms as compared to prior art. Precise tracking accuracy is achieved with this tracking mechanism, which operates throughout the useful arc of sun movement in the given day.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.90/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESS FOR GROWING THE SILVER NANOPARTICLES ON THE FIBRES.

(51) International classification	:D06M11/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJESH WARLUJI RAUT
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF BOTANY, THE
(33) Name of priority country	:NA	INSTITUTE OF SCIENCE, MADAM CAMA ROAD,
(86) International Application No	:NA	MUMBAI-400 032, Maharashtra India
Filing Date	:NA	2)SAHEBRAO BALASO KASHID
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJESH WARLUJI RAUT
Filing Date	:NA	2)SAHEBRAO BALASO KASHID
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of Silver nanoparticles impregnated fiber, said process comprising treating cotton fibers with the plant extract for 30-45 minutes, drying further treating the fibers with concentrated solution of silver nitrate in the presence of light for a time period of at least 5 minutes to obtain cotton fibers having silver nanoparticles;

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.967/MUM/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : IMPROVED CARBURETOR SYSTEM USING EXCESS AIR BETWEEN THROTTLE AND SLIDER.

(51) International classification	:F02M9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. S.K.MAHAJAN
(32) Priority Date	:NA	Address of Applicant :C/O SHRI P.K.PATIL, PARADISE
(33) Name of priority country	:NA	BUNGALOW DEEP BANGLA CHOWK, PUNE. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)LAD PRAMOD CHINDHU
(87) International Publication No	: NA	3)SONKAMBLE UMESH SURESH
(61) Patent of Addition to Application Number	:NA	4)JAGTAP VIJAY SOMNATH
Filing Date	:NA	5)PAWAR JITENDRA BALKRISHNA
(62) Divisional to Application Number	:NA	6)GUNJAL ATUL BALASAHEB
Filing Date	:NA	(72)Name of Inventor :
		1)DR. S.K.MAHAJAN
		2)LAD PRAMOD CHINDHU
		3)SONKAMBLE UMESH SURESH
		4)JAGTAP VIJAY SOMNATH
		5)PAWAR JITENDRA BALKRISHNA
		6)GUNJAL ATUL BALASAHEB

(57) Abstract :

Nowadays, the leading problem seen in bikes is less mileage and high exhaust emissions. This problem can be overcome by the implementation of Improved Carburetor System using excess air between throttle and slider. The main problem of the carburetor seen is it supplies more fuel at the high speed, which is not required. The next problem is, the carburetor contains a venturi, which is provided to increase the velocity of the air-fuel mixture, but this ultimately leads to decrease the pressure of the mixture and moreover also decreases the density of the air-fuel mixture. Because of the reduction in the density, the fuel in the combustion chamber does not burn properly and leads to reduce the mileage of the vehicle and also in addition increases the emission to great extent. These two disadvantages lead to reduce the mileage and increase emissions. Thus, there is a need to reduce this problem. In case of four wheelers these problems are reduced up to great extent by means of sophisticated techniques. These sophisticated techniques cannot be implemented in two wheelers for want of space and are also uneconomical. In two wheelers this problem is reduced by means of Improved Carburetor System using Excess Air between slider and throttle. The problem of reduction in density in carburetor is reduced by means of supplying excess air in the carburetor. This leads to maintain the density of air-fuel mixture in the carburetor and ultimately leads to proper combustion of charge. Thus, the problem of less mileage and high emissions is reduced to great extent. This system has the advantages like it does not affect the working of vehicle and is cheaper.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.698/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD OF CONTINUOUS IRRIGATION TECHNIQUE FOR TUBAL MICROSURGICAL RECANALISATION.

(51) International classification	:A61B17/00
(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. RUPESH KATKAR
Address of Applicant :MAULI HOSPITAL, RAHIMATPUR,
TAL: KOREGAON, DIST: SATARA - 415 511, Maharashtra
India

(72)**Name of Inventor :**
1)DR. RUPESH KATKAR

(57) Abstract :

This disclosure relates to a method to prevent clot formation and dislodges clots in early stage so blockage doesnt happens during operation and after operation that gives best results and prevent failure of operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.971/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : TEXTILE PRODUCTS WITH HERBAL COMPOSITION TO RENDER THE FABRICS INSECTS REPELLENT

(51) International classification	:C11D10/00
(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)SYNTIS TEXTILES PVT LTD.
Address of Applicant :451-B, 1ST FLOOR, KALBADEVI
ROAD, MUMBAI 400 002 Maharashtra India
(72)**Name of Inventor :**
1)MR. KAMAL NAYAN SINGH
2)MR. MUKUND RANGRAO GALGALI

(57) Abstract :

The present invention provides a herbal composition for treating a fabric to make the fabric insect repellent. The present invention further provides a composition for treating a fabric and a method of treating the fabric to make the fabric insect repellent. The invention also provides the various methods of treating different kinds of fabrics along with their dyeing and finishing processes to render the fabric insect repellent. The fabric becomes insect repellent up to 40 washes. The fabric becomes repellent against bed bugs of Cimex species, house dust mites of Dermaiophagoides species, ticks of Ixodes species, houseflies or Musca Domestica, mosquitoes or Aedes Aegypti and harvest bugs of Trombidium species. The fabric is selected from the group consisting of a cotton fabric, a regenerated viscose cellulose fabric, a wool fabric, a silk fabric, a polyester fabric and blends thereof.

No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.618/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : RAWANDALE'S LAPROSCOPIC PORT PLACEMENT SYSTEM (R-LPPS)

(51) International classification	:A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR RAWANDALE PATIL ASHISH VISHWAS
(32) Priority Date	:NA	Address of Applicant :INSTITUTE OF UROLOGY, SAKRI
(33) Name of priority country	:NA	ROAD, DHULE - 424001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR RAWANDALE PATIL ASHISH VISHWAS
(87) 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 pneumoperitoneum creation and tract dilatation device useful for creation of pneumoperitoneum and tract dilatation for port placement in the peritoneal cavity during laparoscopy of the abdomen. By using this device a safe, fast, efficient and cost effective pneumoperitoneum creation and port placement can be achieved. The Rawandales Laproscopic Port Placement System (R-LPPS) is made up of stainless steel and has 5 parts. Parts 1, 2 & 2A - Dismantellable 2 part pneumoperitoneum creation needle part 1 - Central rod part 2 - Cannula part 2A - Spring assembly Part 3 - Tract dilator Part 4 - Dismantellable valve. Part 5 - Commercially available metallic port

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.798/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A VESSEL TYPE CONTINUOUS COTTONSEED DRYER

(51) International classification	:F26B21/00, F26B3/00	(71)Name of Applicant : 1)SHAH RAKESH PRAMODBHAI Address of Applicant :101, COPPER STONE-B TOWER, SADHUVASVANI ROAD, RAJKOT-360005, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)VARIA NILESH PRAFULCHANDRA
Filing Date	:NA	3)VARIA DEVANG PRAFULCHANDRA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHAH RAKESH PRAMODBHAI
Filing Date	:NA	2)VARIA NILESH PRAFULCHANDRA
(62) Divisional to Application Number	:NA	3)VARIA DEVANG PRAFULCHANDRA
Filing Date	:NA	

(57) Abstract :

This invention relates to cottonseed dryer which is useful in smaller size segment of the oil mill and other cottonseed related industries. The process is continuous and uninterrupted at a comparatively low investment cost compared to the other online belt dryers, for small segments of the industry and industries having limited period drying requirement in the cotton season. This invention suggests certain improvements over the past installations used in batch dryers for general seed drying to eliminate manual handling and to obtain uniform drying. Particular improvements have been done to use it especially for cottonseed. Improvements have been done especially for cottonseed considering the fuzzy, heterogeneous properties and poor conductivity. The air quantity supply derivations, heat requirements, and retention time are derived for the cottonseed considering its typical nature for the desired output for industrial application.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1086/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : 5 IN ONE COMPASS

(51) International classification	:G01C17/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)N. PRAVEEN
(32) Priority Date	:NA	Address of Applicant :BLINK ENGINEERING PVT. LTD.,
(33) Name of priority country	:NA	#66, 4TH MAIN, 'C' CROSS, MAGADI MAIN ROAD,
(86) International Application No	:NA	KAMASHIPALYA, BANGALORE - 560 079 Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)N. PRAVEEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

All student learning mathematic or to be more specific, Geometry in schools and collage collage have invariably use the compass especially to draw objects like circles as well as to dissect angles. The use of the present compass requires a pencil (fixed to one end of the compass with the help of a holder and a screw) and a measuring scale too (to measure the radius of circle (Or an arc) is draw. Very of team the pencil slips from its holder leading to erratic result and measuring the distance time and again. This takes longer time to complete a problem in geometry. In order to simplify the process of using the compass, an innovation instrument has been developed. This instrument combines the properties of compass as well as a scale. It can also be indecently used as a scale and divider for measuring length & Protractor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1146/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : SOLAR PHOTOVOLTAIC ARRAY BASED WATER HEATING SYSTEM TO USE SOLAR ENERGY MORE EFFECTIVELY BOTH FOR COMMERCIAL AND DOMESTIC APPLICATION

(51) International classification	:F24J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GURURAJ K
(32) Priority Date	:NA	Address of Applicant :C-130, HEBBAL INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, MYSORE - 570 016 Karnataka India
(86) International Application No	:NA	2)HARSHA M L
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GURURAJ K
(61) Patent of Addition to Application Number	:NA	2)HARSHA M L
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The new Invention of Solar Photovoltaic based Water heating system, with sun tracker for solar panel, intelligent Energy Management System and remote control for temperature setting ushers a new era in Solar based water heaters. It is a mega leap of technology and low cost revolution in Solar energy based system for water heating. In this Invention custom designed high voltage solar Photovoltaic panels with precise sun tracking system are used to generate maximum power from solar radiation. This power is regulated and efficiently used along with necessary control circuitry to the array of special coils and oil bath. In case of coil the water is directly heated up, where as in case of oil bath the oil is used as primary heat storage where in up to 700° Centigrade heat can be stored which in turn used for heating up the water as and when needed. In this method the oil bath is used for retaining the heat for substantially long period. As we use the hot water surrounding the oil bath cold water is again circulates and drains the heat from oil bath. In this way the heat generated by solar energy can be stored and used for a long duration. With the abundant storage capacity of solar energy in the form of heat and less system loss associated with the entire system and precise control of charging power by using sun seeking system and Intelligent Energy Management system with the storage area in the proximity of utilization the entire invention offers a lowest system loss at a very high efficiency. This invention opens up new possibilities for energy as well as water resources conservation for the decades to come, conventional direct water heating system may loss up to 10 years or so, that too with lot of maintenance of associated plumbing lines. Whereas the life of the Photovoltaic panel is 25 years. So this invention gives a product with a sustainable product for a longer duration. In this method lot of problems associated with installation of the solar water heaters is eliminated. An easy and sustainable system is user friendly.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1105/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : MASKING SENSITIVE DATA IN HTML WHILE ALLOWING DATA UPDATES WITHOUT MODIFYING CLIENT AND SERVER

(51) International classification

:H04L,
G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HCL Technologies Limited

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

(72)Name of Inventor :

1)Simy Chacko

2)Gopi Krishna Durbhaka

(57) Abstract :

The principal object of this invention is to propose a method and system for masking sensitive data in web applications while allowing data updates without modifying client and server by intercepting the data live at HTTP/HTTPS network layer, improving the data security of data, providing authorized and restricted access for visibility of information to the users.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1112/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : AUTOMATIC SAFETY ENHANCEMENT SYSTEM

(51) International classification

:A42B

(31) Priority Document 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)PSG College of Technology

Address of Applicant :Avinashi Road, Peelamedu, Coimbatore
641004, Tamilnadu, India.

2)Manas Ranjan Biswal

3)A.Sabareeswaran

(72)Name of Inventor :

1)Manas Ranjan Biswal

2)A.Sabareeswaran

3)R. Sankaranand

4)B. Giriraj

5)P.V.Mohanram

(57) Abstract :

An automatic safety system for enhancing safety to a user while riding a vehicle is provided. The automatic safety system includes a helmet, a receiver unit, and a starter unit. The helmet includes one or more feeler switches, a sensor unit, a transmitter unit. The one or more feeler switches detects whether the user wears the helmet or not. The one or more of feeler switches is in the closed condition when the user wears the helmet. The sensor unit detects alcohol consumption by the user. The transmitter unit transmits a signal to the receiver unit through a wireless communication when (i) the one or more of feeler switches is in the closed condition, and (ii) the sensor unit does not detect the alcohol consumption by the user. The receiver unit allows the starter unit to start the vehicle once the signal is received from the transmitter unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1144/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : HOME SURVEILLANCE AND ALERT TRIGGERING SYSTEM

(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Shashidhar K
(87) International Publication No	: NA	2)Sachin Gangwar
(61) Patent of Addition to Application Number	:NA	3)Mayank Babu Rastogi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein relate to security systems and, more particularly, to a system for automated surveillance and alert triggering. Input devices such as sensors, camera are positioned in a building to be monitored. A gateway module receives and processes inputs from the input devices and checks for occurrence of any event. Upon detecting any event, the gateway module sends information related to the detected event to a configured user device. Further, the gateway records audio and/or video contents related to the detected event and store the recorded data in an associated memory module. The user can remotely access and view the stored contents and can trigger any pre-configured action remotely from the user device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.1211/CHE/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : AUTOMATED ENERGY CONSUMPTION MONITORING AND MANAGING SYSTEM

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Shashidhar K
(87) International Publication No	: NA	2)Sachin Gangwar
(61) Patent of Addition to Application Number	:NA	3)Mayank Babu Rastogi
Filing Date	:NA	4)Arshpreet Singh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein relate to home automation and, more particularly, to a system for automated monitoring and energy consumption management. A central server measures energy consumption of various household devices using input devices such as sensors connected to each of the devices. Further, based on certain supportive information, the central server measures energy requirement in the building. Further, based on the measured energy consumption information and the energy requirement information, the central server decides whether a power regulation is required in the building or not. If power regulation is required, the central server, with the help of certain control modules, regulates power consumption of all or selected household devices in the network. The system is also capable of predicting power consumption for a selected time period based on previous measurements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1218/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DEVELOPING, PRINTING A SECURE CODE AND WORKS IN OFFLINE DATA AUTHENTICATION FOR CERTIFICATIONS

(51) International classification	:G06K, G06F	(71) Name of Applicant : 1)R. PRABU
(31) Priority Document No	:NA	Address of Applicant :S/O, K.RAJU B.E., 91/77A,
(32) Priority Date	:NA	NATHAKADU, MASINAICKENPATTY(PO), SALEM - 636
(33) Name of priority country	:NA	103 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)R. PRABU
(87) 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 is a secure two dimensional barcode also called as secure code, which is highly secured, machine readable with offline authentication. It is like read only memory in computers (ROM)generation of secure code is through a computer connected with the laser or inkjet printer. The authentication of secure code can be done through web camera, mobile phones, 2D barcode scanner, hand held devices as well cloud services. The bar code well secured one the same cant be reproduced or duplicated. This invention can widely be used in E-commerce, certificates issued by Universities also in many places where authentication matters. The invention and perception of Secure Code is also works with offline authentication.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : Fabrication of n-type microcrystalline silicon oxide films for use as back reflectors in silicon based thin film solar cells

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:PCT//

Filing Date

:01/01/1900

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAKHAMURI Nagarjun

Address of Applicant :HHV Center for Advanced Photovoltaic Technologies Private Limited, Site No. 17, Phase 1, Peenya Industrial Area, Bangalore 560058, Karnataka, India

(72)Name of Inventor :

1)Chandan Banerjee

2)T.Srikanth

3)U.Basavaraju

4)Rajive Tomy M

5)M.G.Sreenivasan

6)K.Mohanachandran

7)A.K.Barua

(57) Abstract :

This invention relates generally to thin film semiconductor alloys and more particularly to wide band gap, n-type microcrystalline semiconductor alloy materials. This invention relates to a method of fabricating n-type microcrystalline SiOx layers using the same RF PECVD reactor as used for thin-film silicon solar cells. The developed n- μ c-SiOx:H material provides a cost-effective replacement for Aluminium doped Zinc Oxide for back reflector layers and also provides a more simplified process for the fabrication of thin film solar cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1165/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : LIVE BUYER DATABASE CONSTRUCTOR

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)P.Virenderanath Choudary

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Nagar, Jubilee Hills, Hyderabad-500033 Andhra Pradesh India

(72)Name of Inventor :

1)P.Virenderanath Choudary

(57) Abstract :

A system and method for construction of live buyer database which identifies live buyer where the live buyer intends to purchase the targeted service or product within a particular time period, determining a reward for the live buyer based on the information received, pro-viding the reward to the live buyer within the particular time period based on the genuinity of the live buyer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1350/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : Hybrid Approach for Multimodal Biometric Template Security

(51) International classification	:G06F, G06K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) 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.S.Viswanadha Raju

Address of Applicant :Professor & Head of CSE, JNTUHCEJ
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Andhra Pradesh, India. Pin Code: 500072 Andhra Pradesh India

(72)Name of Inventor :

1)Dr.S.Viswanadha Raju

2)Madhavi Gudavalli

3)K.Reddy Madhavi

(57) Abstract :

Present invention proposes a secure and revocable biometric technique for template protection. The proposed method consists of random tiling and equal probable discretisation. Random tiling is a feature transformation method to derive random features from biometric data based on a user specific key. In the event of template is compromised, a refreshed biometric template can easily be issued by replacing the compromised key with a new user specific key. On the other hand, we propose a modified equal probable discretisation to partitions the uneven biometric data distribution into different equal probable segments rather than equal width segments. This guarantees each set of the codeword has the same likelihood of occurring and thus user privacy is strengthened as it becomes difficult for an adversary to correctly guess the codeword associated with each segment. The proposed method is evaluated using multimodal biometric impressions of fingerprint, palm print, iris and retina which are fused together at the feature level. Following invention is described in detail with the help of figure 1 of sheet 1 shows existing template protection schemes, figure 2 of sheet 2 shows a biometric system, figure 3 of sheet 2 shows points of attack in generic biometric system, figure 4 of sheet 3 shows Categorization of Template Protection Schemes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1269/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/03/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : A REUSABLE LINER DETACHABLY ATTACHED INSIDE A HEAD GEAR

(51) International classification	:A41D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATRAJU SRINIVASA RAO
(32) Priority Date	:NA	Address of Applicant :S/o T. THAVITI NAIDU, B.P.
(33) Name of priority country	:NA	COLONY, 6-186, GARIVIDI, VIZIANAGARAM DISTRICT,
(86) International Application No	:NA	ANDHRA PRADESH, INDIA
Filing Date	:NA	2)TATRAJU MAHESH KUMAR
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)TATRAJU SRINIVASA RAO
Filing Date	:NA	2)TATRAJU MAHESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reusable liner detachably attached to a head gear is disclosed. The reusable liner including multiple layers configured and dimensioned to be detachably attached inside an internally mounted support of the head gear, a hook and loop fastener mounting means affixed on the reusable liner enables a secure detachable attachment of the reusable liner inside the internally mounted support of the head gear. The hook and loop fastener mounting means is a velcro and the reusable liner is detachable and washable. The reusable liner absorbs sweat and dust, filters the sweat and dust, prevents formation of stains and odors, reduces hair fall, prevents dandruff and prevents stiffening of the internally mounted support.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5280/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING PAYMENTS FOR PURCHASED PRODUCTS AND SERVICES

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SRIRAMA KRISHNA LAKAMSANI

Address of Applicant :103, SARACA SADAN, SAIBABA
TEMPLE ROAD, HOUSE NO: 7-1-621/554/F103, S R NAGAR,
HYDERABAD - 500 038 Andhra Pradesh India

(72)Name of Inventor :

1)SRIRAMA KRISHNA LAKAMSANI

(57) Abstract :

Exemplary embodiments of the present invention are directed towards a system and method for facilitating payments for online purchased products. The method includes allowing an end user to select an authorized collection agents payment gateway to pay for the one or more products purchased over an electronic commerce merchant web portal of the electronic commerce merchant, directing the end user to an authorized collection agents web portal for generating a unique authorization code for the one or more products purchased, making a cash payment for the one or more products purchased through an authorized payment device located at one or more geographical locations by entering the unique authorization code, and transmitting a payment acknowledgment message in response to the payment confirmation forwarded by the authorized payment device to the authorized collection agents web portal and to the authenticated data communication device of the end user by the electronic commerce merchant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3679/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INTELLIGENT TROUBLESHOOTING OF IN-SERVICE CUSTOMER EXPERIENCE ISSUES IN COMMUNICATION NETWORKS

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli Sarjapur Road
Bangalore - 560035 Karnataka India

(72)Name of Inventor :

1)SUBHAS CHANDRA MONDAL

2)SUDIPTA GHOSH

3)MANOJ K NAIR

(57) Abstract :

The present disclosure relates to methods and systems for improving customer experience through real time troubleshooting in relation to customer experience management. In one embodiment, a proactive customer experience management method is disclosed, comprising: obtaining a performance-indicating alert (PA); identifying relevant alerts from the alert database in absence of possible fault condition from the PA; determining a possible problem condition from the PA and identified relevant alerts; raising trace trigger for gathering relevant trace data; determining specific problem condition and relevant cause, based on gathered trace data and relevant data from PM/FM, CDR, OSS systems; determining appropriate recommendation for resolution of the determined specific problem condition; updating a user interface dashboard using the determination of the root cause of the possible problem and the recommendation for resolution of the possible problem; and updating new knowledge into a knowledge base with problem-context, resolution, relevant adjustments to alerts, thresholds and rules.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4416/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING DATA CAPTURING/RECORDING DEVICES TO ELIMINATE PIRACY IN THE ENTERTAINMENT AND MEDIA INDUSTRY

(51) International classification	:G06F, H04N	(71)Name of Applicant : 1)Bala Venkata Krishna Bhupati Raju Pasupuleti
(31) Priority Document No	:NA	Address of Applicant :B-17 Laxmi Complex Beside
(32) Priority Date	:NA	Erragadda Bus Stop Hyderabad-500018 Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Bala Venkata Krishna Bhupati Raju Pasupuleti
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for detecting and preventing an unauthorized capturing and recording of media file are disclosed. The system includes a radiation emitting sensor assembly placed on a viewing surface to emit radiations and detect a data capturing and recording device in a viewing location. The radiation emitting rate of the radiation emitting sensor assembly dynamically change on determining a data capturing and recording rate of the data capturing and recording device. The system further includes a data communication module connected to the radiation emitting sensor assembly for determining a current working status of the radiation detection assembly and detecting a presence of the data capturing and recording device. The system also includes a receiver entity in communication with the data communication module for receiving the current working status of the radiation emitting sensor assembly and information of detecting the data capturing and recording device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.589/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHODS FOR OPTIMIZING ENERGY CONSUMPTION AND DEVICES THEREOF

(51) International classification

:G06Q,
G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)HAR AMRIT PAL SINGH DHILLON

2)PARMINDER SINGH

3)DINESH KUMAR PATHAK

(57) Abstract :

A method, non-transitory computer readable medium, and energy optimization device that optimizes energy consumption includes generating an energy model for each of a plurality of sites in an enterprise network. A plurality of service windows is determined for each of the sites. An energy consumption forecast is generated for each of the sites based on the generated energy models and the determined service windows. Current energy consumption information is obtained for one of the sites. Optimization recommendation(s) are determined for the one site based on a deviation of the obtained current energy consumption information for the one site from the generated energy consumption forecast for the one site in an active one of the determined service windows for the one site, and the optimization recommendation(s) are output.

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SELF-ADAPTIVE STREAMING OF MULTIMEDIA CONTENT

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greaves
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kumaralingam R
(87) International Publication No	: NA	2)Vengadassalabady R
(61) Patent of Addition to Application Number	:NA	3)Rahul Ganapathy S
Filing Date	:NA	4)Joy Esther S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for transmitting optimal video over a network channel. The method includes coding a video into a plurality of frames, estimating bandwidth associated with the network channel, and determining whether the estimated bandwidth associated with the network channel reaches a bandwidth threshold. Further, the method includes transcoding the video in response to determining that the estimated bandwidth associated with the network channel reaches the bandwidth threshold and transmitting the transcoded video over the network channel.

No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING TRANSPORT VEHICLE INFORMATION THROUGH A CONTACTLESS SMART CARD UNIT

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Kumar Chellappan Kushal

(57) Abstract :

Embodiments of the present disclosure relate to a system and a method for managing transport vehicle information. In an embodiment, the present disclosure relates to a tamperproof contactless NFC smart card unit with a built-in memory unit. The transport vehicle information stored in the contactless smart card unit is encrypted and secured which can be read and updated by NFC scanners. The updates made to the NFC smart card are simultaneously synchronized with the central server. Any authorized personnel with permission access can read the contactless smart card unit using the NFC scanner to identify the history of the vehicle and owner of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.712/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR API-LEVEL INTRUSION DETECTION

(51) International classification :G06F,VH04L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)Anirban Bhattacharya

3)Kuldip Shetty

4)Krishna Prasad M.

5)Ravi Uday Kumble

6)Sam Bhattacharya

7)Venu Aluri

8)Vitesh Patel

(57) Abstract :

This disclosure generally relates to computer security, and more particularly to methods and systems for application programming interface (API)-level intrusion detection. In some embodiments, a computer-readable medium is disclosed, storing instructions for: receiving an API call for a service at an API sandbox module; parsing the API call to extract at least one of: an API call name; and or one or more API call parameters; generating a copy of the at least one of: the API call name and or the one or more API call parameters; determining, via an intrusion detection rules execution engine, whether the API call violates one or more security rules obtained from a security rules object, using the copy of the at least one of: the API call name and or the one or more API call parameters; and providing an indication of whether the API call violates the one or more security rules.

No. of Pages : 55 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.694/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 05/04/2013

(54) Title of the invention : DELINEATOR THAT TILTS UPON IMPACT

(51) International classification

:E01F

(31) Priority Document 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)AMMISETTI Venkateshwara Rao

Address of Applicant :SLV ENGINEERING, No. 31, 9th
Cross, Patel Channappa Industrial Estate,Andrahalli Main
Road,Near Peenya II Stage,Bangalore - 560091 Karnataka India

(72)Name of Inventor :

1)AMMISETTI Venkateshwara Rao

(57) Abstract :

A delineator (100) that tilts upon impact includes a base member (106), an enclosure (104), an element having elastic properties (108) and a post (102). The base member (106) includes a dome shaped section. The enclosure (104) is configured to be received by the base member (106) over the dome shaped section. The element having elastic properties (108) engages the base member (106) and the enclosure (104), and the post (102) is received over the enclosure (104).

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5182/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING IMPROVED POWER BACKUP FOR DESKTOP COMPUTERS

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli Sarjapur Road
(33) Name of priority country	:NA	Bangalore 560035 Karnataka India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ramesh Nadhadur R
(87) International Publication No	: NA	2)Bala Adarsh A
(61) Patent of Addition to Application Number	:NA	3)S Raghavendra Prakash
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to systems and methods for providing power from a secondary power source upon an interruption of a primary power source. In certain embodiments, the secondary power source may supply power without use of a power inverter that converts direct current into alternating current or a current rectifier that provides a second conversion of alternating current into a direct current. Embodiments in accordance with the present disclosure may also employ a time delay to improve operation of the secondary power source.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2013

(21) Application No.950/CHE/2013 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : FLAME SHIFTING SYSTEM

(51) International classification

:A62C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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306 Kerala India

2)T. GIRIJA SANKAR

(72)Name of Inventor :

1)C.G. INDUCHOODAN

2)T. GIRIJA SANKAR

(57) Abstract :

To improve safety of Low pressure storage (LPS) tanks of flammable material, vapor release through Pressure Vacuum Valve (PW) or Pressure Valve (PV) other item does the same function of PV or alias to be shifted away from storage tank roof. The solution is flame shifting system (FSS). During fire scenario the continuous flame on tank roof is eliminated by mounting FSS to downstream of PW of LPS tanks. For safety it is required to raise the flame zone by 2 meters from tank roof. The FSS disposes the gases from PW to approximately two meters vertically above the tank roof. FSS can be a single module or an assembly of parts suiting to the tank. Once the flame extension system is mounted, LPS storage tanks will be very safe during fire scenario. Fire fighting will be more effective. FSS will protect LPS tanks to very high safety level and near by facilities to a noble level.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2821/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A PROCESS FOR THE ISOLATION OF NEW DRUG FROM PAEONIA EMODI (UDSALIB) HAS ANTIMICROBIAL AND ANTIOXIDANT IMPACT ON HYDROCEPHALUS; A NEUROLOGICAL DISORDER.

(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)KHAN AMIR

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SAHARANPUR (U.P)-247001 India

2)CHAUHAN SUBODH KUMAR,

3)THAPLIYAL RAJENDRA PRASAD.

4)ISHAQ FOUZIA

(72)Name of Inventor :

1)KHAN AMIR,

2)CHAUHAN SUBODH KUMAR

(57) Abstract :

The term antioxidant refers to any molecule capable of stabilizing of deactivation free radicals before they attack cells. These are in particular the primary antioxidant. There are also molecules deserving the antioxidant team, because they act as chelating agents binding metal ions (redox activity). To protect the cells and organ systems of the body against reactive oxygen species, humans have evolved a highly complex antioxidant protection system. These include antioxidant enzymes that catalyze free radical quenching reactions, and diet-derived antioxidants like ascorbic acid, Vitamin E, carotenoids, polyphenols and other low molecular weight compounds such as α -lipoic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2822/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A HERBAL FORMULATION AND ISOLATION OF PHARMACOLOGICAL ACTIVE AND FREE RADICALS SCAVENGING IMPACT OF MEDICINAL PHYTOCONSTITUENTS ON HUMAN AGEING, DIABETES, HYPERLIPIDEMIA, HIV AND SEXUAL DYSFUNCTION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KHAN AMIR
(32) Priority Date	:NA	Address of Applicant :294/30, NAAZ MANSION,
(33) Name of priority country	:NA	CHOUDHARY VIHAR, BEHAT ROAD, BSNL EXCH STREET
(86) International Application No	:NA	SAHARANPUR (U.P)247001 India
Filing Date	:NA	2)CHAUHAN SUBODH KUMAR,
(87) International Publication No	:NA	3)THAPLIYAL RAJENDRA PRASAD.
(61) Patent of Addition to Application Number	:NA	4)ISHAQ FOUZIA
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)KHAN AMIR,
Filing Date	:NA	2)CHAUHAN SUBODH KUMAR

(57) Abstract :

The term antioxidant refers to any molecule capable of stabilizing or deactivating free radicals before they attack cells. These are in particular the primary antioxidant. There are also molecules deserving the antioxidant team, because they act as chelating agents binding metal ions (redox activity). To protect the cells and organ systems of the body against reactive oxygen species, humans have evolved a highly complex antioxidant protection system. These include antioxidant enzymes that catalyze free radical quenching reactions, and diet-derived antioxidants like ascorbic acid, Vitamin E, carotenoids, polyphenols and other low molecular weight compounds such as α -lipoic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2840/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A CONTAINER FILLING MACHINE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COUNTLAB, INC.
(32) Priority Date	:NA	Address of Applicant :12180 ALBERT-HUDON
(33) Name of priority country	:NA	BOULEVARD, MONTREAL, QUEBEC H1G 3K7, CANADA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LORIS BASSANI
(87) 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 container filling machine comprising a container engaging device, a suction device for suctioning fine airborne particles and a container removing device for removing defective containers from continued travel along a production line. The suction device comprises a discrete article guiding passage for guiding discrete articles into a container. The discrete article guiding passage comprises a passageway having a length through which discrete articles pass prior to entering the container and at least one suction aperture into which airborne particles are sucked. The at least one suction aperture is positioned at a region along the length of the passageway. The suction device further comprises a suction pump in communication with the discrete article guiding passage for creating a suction effect for sucking airborne particles into the at least one suction aperture.

No. of Pages : 62 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2860/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A NOVEL NUTRACEUTICAL PRODUCT FOR USE AS ADJUVANT THERAPY IN THE PREVENTION AND/OR TREATMENT OF BREAST CANCER

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GIRISH SHARMA
(87) International Publication No	:NA	2)ASHWANI K. SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	3)CHARU GUPTA
Filing Date	:NA	4)DHAN PRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel herbal nutraceutical product for use as adjuvant therapy in the prevention and/or treatment of cancer and/or inflammation, and in particular, breast cancer and in the promotion of human health. The nutraceutical product comprises the anti-mutagenic effects of polyphenols enriched antioxidants derived from immature fruits of *Acacia auriculiformis* (Wattle, Fabaceae) and *Caesalpinia pulcherima* (Peacock flower, Fabaceae), and pomace of black and red grape fruits (*Vitis vinifera*, Vitaceae). The polyphenol enriched product results in synergistically enhanced dose-dependent growth inhibition and cell death of cancerous cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2847/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF SITAGLIPTIN OR ITS SALTS THEREOF□

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PANDURANG BALWANT DESHPANDE

2)ANAND PANDEY

3)MUKENDRA SRIVASTAVA

4)BRIJESH SHUKLA

5)RAMESH CHANDRA SHARMA

(57) Abstract :

The present invention provides an improved process for the preparation of Sitagliptin of formula-I and its salts or hydrates thereof having enantiomeric purity more than 99.6% ee. The present invention also provides a novel chiral amine salt (3R)-3-[(benzyloxy) amino]-4-(2,4,5-trifluorophenyl)butanoic acid useful as an intermediate in the process of preparation of Sitagliptin. The process of the present invention is operationally simple easy to handle and provides for preparation of Sitagliptin in high yields and with high enantiomeric purity.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2848/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : CONSTRAINED BOOT TECHNIQUES IN MULTI-CORE PLATFORMS

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE BLVD.,
(33) Name of priority country	:NA	M/S: RNB4-150, SANTA CLARA,CALIFORNIA 95052,
(86) International Application No	:NA	UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MURALIDHAR, RAJEEV
(61) Patent of Addition to Application Number	:NA	2)SESHADRI, HARINARAYANAN
Filing Date	:NA	3)RUDRAMUNI, VISHWESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatus relating to constrained boot techniques in multi-core platforms are described. In one embodiment, a processor may include logic that controls which specific core(s) are to be powered up/down and/or which power state these core(s) need to enter based, at least in part, on input from OS and/or software application(s). Other embodiments are also claimed and disclosed.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2856/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A NOVEL ANTIOXIDANT NUTRACEUTICAL FOR USE AS ADJUVANT THERAPY IN THE PREVENTION AND TREATMENT OF CANCER

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHAN PRAKASH
(87) International Publication No	:NA	2)CHARU 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 provides novel polyphenol enriched antioxidant nutraceutical product with synergistically enhanced anti-mutagenic and chemo-preventive activities. The nutraceutical product comprises anti-mutagenic effect of polyphenols enriched antioxidants derived from the immature fruits of Lagerstromia speciosa and Trewia nudiflora. The invention is useful as adjuvant therapy in the prevention and treatment of cancer and promotion of human health with minimum or reduced level of side effects and has dose-dependent growth inhibition and cell death of cancerous cells including protection of DNA damage caused by free radicals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2857/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : CAROTENOIDS ENRICHED FUNCTIONAL FOODS DERIVED FROM AGRI-HORTICULTURAL WASTES

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

(57) Abstract :

The present invention relates to carotenoids enriched antioxidant product from agri-waste and a process for saponification and isolation of carotenoids from the pomace of tomato, underutilized parts of cauliflower and cabbage, green pea pod pericarp, aerial parts of carrot, green leafy vegetables and weeds such as Chenopodium and Amaranthus species. This carotenoids enriched product has wide utility as colorants for human food and nutritional supplements as precursor of Vitamin A, visual impairment, for the prevention and treatment of night blindness. They prevent lipid per-oxidation and inhibit the formation and uptake of carcinogens in the body. In addition to antioxidant capability, other biological actions of carotenoids include the ability to enhance immuno-competence to inhibit mutagenesis and cell transformations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2858/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A NOVEL METHOD TO DETECT Z-DNA FORM

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH, SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)K R UNNIKUMAR
(87) International Publication No	:NA	2)NEETU JABALIA
(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 unique peptide as ligand that has a strong affinity towards the targeted Z-DNA. The amino acid sequence of the peptide is designed in such a way that makes the binding thermodynamically stable under physiological micro-environment. The interaction between Z-DNA shows the tremendous potential in controlling / manipulating a variety of cellular processes including pathogenic infection, The present invention also directed towards developing an appropriate drug delivery system that targets Z-DNA.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2849/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : PRIORITY BASED APPLICATION EVENT CONTROL (PAEC) TO REDUCE POWER CONSUMPTION

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :2200 MISSION COLLEGE BLVD.,
M/S: RNB4-150, SANTA CLARA, CALIFORNIA 95052,
UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MURALIDHAR, RAJEEV

2)RAJESH, POORNACHANDRAN

(57) Abstract :

Methods and apparatus relating to Priority Based Application Event Control (PAEC) to reduce application events are described. In one embodiment, PAEC may determine which applications (and their corresponding sub-system(s)) may cause a processor or platform to exit a low power consumption state. In an embodiment, PAEC may determine which applications (and their corresponding sub-system(s)) may resume operations after a processor or platform exit a low power consumption state. Other embodiments are also claimed and disclosed.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2850/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : "POSITION DETECTING DEVICE FOR TWO WHEELER SIDE STAND"

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HERO MOTOCORP LIMITED
(32) Priority Date	:NA	Address of Applicant :34 Community Center Basant Lok
(33) Name of priority country	:NA	Vasant Vihar New Delhi -110057 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUSHEEL SINHA
(87) International Publication No	: NA	2)VIJAY SINGH
(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 position detecting device of a side stand of a two wheeled vehicle that allows vehicle to operate only when side stand is in safe zone. If the side stand is in its forwardly inclined service position a first magnetic field generating element is sensed by a magnetic field detecting means thus a signal indicating that side stand is in unsafe zone is generated and sent to the controller unit of the vehicle. Even if the side stand remains at any position within the angle zone as indicated by angle (Q) still either of the magnetic field generating elements is sensed by the magnetic field detecting means and accordingly the signal indicating that side stand is in unsafe zone is sent to the controller unit. The controller unit processes the signal and subject to other interlocks and bypass circuits renders the vehicle inoperative.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2863/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : CERTISAFE

(51) International classification

:B23C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

NA

(71)Name of Applicant :

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DELHI-110027 India

(72)Name of Inventor :

1)SMITA SHARMA

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2864/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : A NOVEL SKIN GRAFT COMPOSITION FOR INFECT[□]ON-FREE WOUND HEALING AND A PROCESS FOR MAKING IT THEREOF[□]

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S Nagar (Mohali)
(86) International Application No	:NA	Punjab-160062 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Neeraj Kumar
(61) Patent of Addition to Application Number	:NA	2)Anupama Mittal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a gel based pharmaceutical composition containing scaffolds and one or more therapeutic agents to promote wound healing and methods of preparing such compositions. The scaffolds include biodegradable porous peptide modified microparticles for treatment of wounds and burns. More specifically the said composition comprises a gel component in which microparticles are insoluble and it also provides sustained release of the entrapped therapeutic agents or biologics that accelerate wound healing process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2867/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : AN IMPROVED PROCESS OF CONVERSION OF LANTADENE A AND B TO REDUCED LANTADENE A AND B

(51) International classification	:B03C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAYPEE UNIVERSITY OF INFORMATION
(32) Priority Date	:NA	TECHNOLOGY, WAKNAGHAT
(33) Name of priority country	:NA	Address of Applicant :P.O. DUMEHAR BANI,
(86) International Application No	:NA	KANDAGHAT, DISTT. SOLAN - 173234 Himachal Pradesh
Filing Date	:NA	India
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANU SHARMA
Filing Date	:NA	2)S SHARAD KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process of conversion of pentacyclic triterpenoids Lantadene A (LA, 22 \tilde{A} -[(3-Methyl-1-oxo-2-butenyl) oxy]-3 \tilde{A} -oxoolean-12-en-28-oic acid) and Lantadene B (LB, 22 \tilde{A} -[(3-Methyl-1-oxo-2-butenyl) oxy]-3 \tilde{A} -oxoolean-12-en-28-oic acid) to reduced Lantadene A (RLA, 22 \tilde{A} -[(3-Methyl-1-oxo-2-butenyl) oxy]-3 \tilde{A} -hydroxyolean-12-en-28-oic acid) and reduced Lantadene B (RLB, 22 \tilde{A} -[(3-Methyl-1-oxo-2-butenyl) oxy]-3 \tilde{A} -hydroxyolean-12-en-28-oic acid) along with the reduced Lantadene A and reduced Lantadene B obtained thereof.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2880/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : A MONOCLONAL ANTIBODY SPECIFIC FOR rEA1-C of BACILLUS ANTHRACIS AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Director General Defence Research and Development
(32) Priority Date	:NA	Organization
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence Govt. of India
(86) International Application No	:NA	Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
Filing Date	:NA	110105 India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HARSH VARDHAN BATRA
Filing Date	:NA	2)JOESPH KINGSTON JEYABALAJI
(62) Divisional to Application Number	:NA	3)SHIVAKIRAN MAKAM SATHYANARAYAN
Filing Date	:NA	4)SIVA RAMAKRISHNA UPPALAPATI
		5)RADHIKA MADAN URS
		6)HARISCHANDRA SRIPATHY MURALI
		7)URMIL TUTEJA
		8)AMARINDER SINGH BAWA

(57) Abstract :

The present invention provides monoclonal antibodies against the recombinant protein rEA1-C of Bacillus anthracis. The said protein is a 281bp amino acid sequence and has a size of 30.2 kDa. The monoclonal antibody thus generated is specific only for Bacillus anthracis and does not show any cross-reactivity with other strains of Bacillus such as Bacillus thuringiensis and Bacillus cereus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2853/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : WATER SOLUBLE MOFS

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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MARG, NEW DELHI - 110 001, INDIA

(72)Name of Inventor :

1)RAHUL BANERJEE

2)SUBHASH CHANDRA SAHOO

3)TANAY KUNDU

(57) Abstract :

This invention discloses metal-organic frameworks (MOFs) that combine a metal and a derivative of an amino acid. Particularly, the invention discloses MOFs of a metal and a derivative of an amino acid which are water soluble.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2855/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : AN AIR BRAKE LOAD CAR

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ESCORTS LIMITED

Address of Applicant :AGRI MACHINERY GROUP, 18/4,
MATHURA ROAD, FARIDABAD-121 007 Haryana India

(72)Name of Inventor :

1)SUNIL PARASAR

2)SHRIRAM KUMAR TAILOR

(57) Abstract :

The present invention discloses an air brake load car. The load car can be used for validation and testing of drive line components of tractor under controlled parameters or simulating loading conditions.

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

(54) Title of the invention : PROCESSING OF CHANNEL COEFFICIENTS OF A NETWORK

(51) International classification :B66B
 (31) Priority Document 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)ST-ERICSSON SA

Address of Applicant :39, CHEMIN DU CHAMP-DES-FILLES, 1228 PLAN-LES-OUATES, SWITZERLAND

(72)Name of Inventor :

1)KRISHNAMOORTHY, ARAVINDH

(57) Abstract :

The present subject matter discloses a system and a method for processing of channel coefficients of networks. In one embodiment, the method includes ascertaining at least one probable synchronization position of a received sequence and projecting, by oblique projection, at least one given noise basis vector spanning a given noise space onto the null space, so as to determine a channel impulse response at the at least one probable synchronization position. Based on a criterion related to the channel impulse response, a synchronization point for the received sequence is identified from the at least one probable synchronization position. The method also includes determining the noise contribution at the synchronization point and determining the noise coefficient of the at least one given noise basis vector based on the noise contribution so as to recover a signal substantially similar to the originally transmitted signal. To Be Published With Figure 3

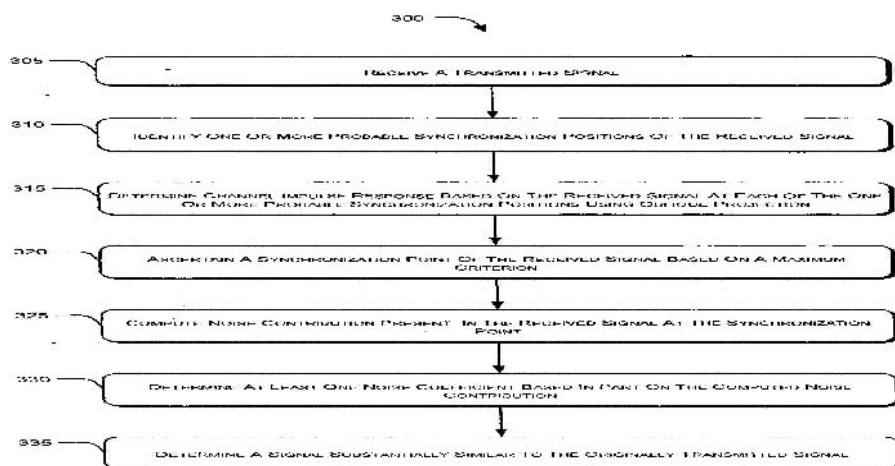


Figure 3

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : HEAT EXCHANGER

(51) International classification

:B66B

(31) Priority Document 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)T. RAD CO., LTD.

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(72)Name of Inventor :

1)KIMIAKI NAKANO

2)KIYOSHI SASAKI

3)KOUTI AKISAWA

4)JUN ONO

5)TOSHIKATSU HACHIYA

6)SATOSHI SAKUMA

7)ERIKO WATASE

(57) Abstract :

To provide a heat exchanger in which a number of V-shaped convex portions are arranged in parallel at a surface of a fin, and dust, soot etc. is difficult to adhere to respective portions of the fin and which is excellent in heat efficiency. One of a pair of inclined convex portions forming a V-shape is arranged to be inclined to a plus side by an angle α relative to a circulation direction of a gas at a first plane of a fin, the other is arranged to be inclined to a minus side by an angle $\tilde{\alpha}$, and both of them are arranged by asymmetric angles in a left and right direction, and at a second plane opposed to the first plane, the angles which are asymmetric in the left and right direction are made to be reverse to those of the first plane relative to the circulation direction of the gas.

No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2890/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATION CONTAINING ANTI-FUNGAL AGENTS

(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)JUBILANT LIFE SCIENCES LIMITED

Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201
301, Uttar Pradesh India

(72)Name of Inventor :

1)BHASKAR, RAJESH

2)NAIDU, VENKATA RAMANA

3)JAIN, RAHUL

(57) Abstract :

The present invention is concerned with Itraconazole pellets comprising a 500-600 µm (30-35 mesh) sugar spheres, a coating film of a water-soluble polymer and an antifungal agent, and a seal coating layer wherein the sugar spheres has disintegration time of more than 10 minutes in water.

No. of Pages : 0 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.650/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :31/03/2009

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD FOR PRODUCING SINGLE CRYSTALLINE DIAMONDS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJNEESH BHANDARI
(32) Priority Date	:NA	Address of Applicant :S 271 MAHAVEER NAGAR, JAIPUR
(33) Name of priority country	:NA	- 302018, Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJNEESH BHANDARI
(87) 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 for producing one or more single crystalline diamonds, the method comprising the steps of: a. placing one or more substrates on a substrate holder in a chemical vapor deposition (CVD) vacuum chamber; wherein growth faces of the one or more substrates have a crystallographic orientation of (100); b. providing a mixture of gases adjacent to the one or more substrates in the CVD vacuum chamber; c. generating a plasma from the mixture of gases by exposing the mixture of gases to microwave radiation; d. introducing a reactive species of nitrogen in the plasma such that the concentration of the reactive species of nitrogen is 0.005 ppm to 2 ppm in the mixture of gases, wherein the reactive species of nitrogen are produced in a remote reactive gas generator; and e. exposing the one or more substrates to the plasma under conditions wherein diamond growth occurs on the growth faces of the one or more substrates at a rate of 10 to 100 microns per hour to produce the one or more single crystalline diamonds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3263/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : INTERIOR MATERIAL FOR VEHICLES

(51) International classification

:B23B

(31) Priority Document No

:2011-

220447

(32) Priority Date

:04/10/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :1-1 Daihatsucho Ikeda-shi Osaka 563-8651 Japan

2)PT ASTRA DAIHATSU MOTOR

3)PT POLINDO URETAN SERVICES

4)PT MULTI SPUNINDO JAYA

(72)Name of Inventor :

1)Saburo Yagi

2)Hiroshi Ito

3)Takayuki Nakanishi

4)Sani Kasidi

5)Sugiyanto

6)Agus Aria Wibawa

7)Irawan Walujo Wibowo

8)Oko Setiaboedi

(57) Abstract :

An interior material for vehicles include a spunbonded nonwoven fabric made of polypropylene fiber. The spunbonded nonwoven fabric has a plurality of recesses formed so as to be recessed from the front surface toward the rear surface thereof and a ratio of a thickness of the spunbonded nonwoven fabric in the recess to a depth of the recess is 0.2 or less.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3264/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : INTERIOR MATERIAL FOR VEHICLES

(51) International classification

:B23B

(31) Priority Document No

:2011-

220448

(32) Priority Date

:04/10/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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3)Takayuki Nakanishi

4)Sani Kasidi

5)Sugiyanto

6)Agus Aria Wibawa

7)Irawan Walujo Wibowo

8)Oko Setiaboedi

(57) Abstract :

An interior material for vehicles includes a spunbonded nonwoven fabric made of polypropylene fiber.

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2869/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : CHRONOMODULATED SOLID DOSAGE FORM CONTAINING A COMBINATION OF ANTIHYPERTENSIVE, ANTIDIABETIC AND ANTIHYPERLIPIDEMIC DRUGS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAHUL BHASKAR
(32) Priority Date	:NA	Address of Applicant :I/17, KESHAV NAGAR, NUMAISH
(33) Name of priority country	:NA	CAMP, SAHARANPUR-247001, Uttar Pradesh India
(86) International Application No	:NA	2)RADHIKA BHASKAR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RAHUL BHASKAR
(61) Patent of Addition to Application Number	:NA	2)RADHIKA BHASKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Co-occurrence of diabetes, hypertension and hyperlipidemia is quite common. In such case a patient has to consume several tablets in a day. Regimen may include two to three tablet three to four times a day. The most cumbersome part in such therapy becomes management of early morning hypertension and variable level of blood lipid level by the virtue of circadian rhythm. This invention chronomodulates the drug delivery in such a manner that maximum concentration is attained when required. Formulation is meant for bed time dosing. Verapamil hydrochloride is modulated to prevent early morning hypertension, gliclazide to attain maximum concentration before breakfast and simvastatin between 12:00 to 2:00 pm. Such chronomodulated tablet is formulated by compression coating technique. After administration the formulation shows an initial slow and/or nil release of the drugs. Attaining of approximately 50 to 75% of label claim of the verapamil hydrochloride after 10-11 hrs, 50 to 75% of label claim of gliclazide after 12-13 hrs and NLT 85% of label claim of simvastatin after 16 to 18 hrs of oral consumption of the tablet makes it suitable for once daily administration.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2882/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : IMPROVED CULTURE MEDIUM FOR NITRILE HYDROLYZING MICROBES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANJAB UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :Sector 14 Chandigarh 160 014 India
(33) Name of priority country	:NA	2)SPAN BIOTEC
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHARMA ROHIT
(87) International Publication No	: NA	2)SHARMA SHAGUN
(61) Patent of Addition to Application Number	:NA	3)SHARMA MONIKA
Filing Date	:NA	4)KHULLAR ESHA
(62) Divisional to Application Number	:NA	5)BANSAL KARAN
Filing Date	:NA	6)SHARMA ASHOK

(57) Abstract :

The present invention discloses a unique and novel culture medium specifically for the growth of nitrilase transforming enzymes. It is low-cost simple to formulate and also easy to use. It comprises only four ingredients viz. Di-Sodium hydrogen phosphate (2g/l) Potassium di-hydrogen phosphate (2g/l) Ammonium chloride (0.2g/l) and Magnesium chloride hydrated (0.1g/l) . It is completely devoid of any carbon source viz. glucose. Further it is completely free from any vitamin nutrient extract e.g. from yeast and also animal extract e.g. beef etc. to support the growth of the nitrile hydrolyzing microbes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2883/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : NITRILE HYDROLYZING MICROBES FOR INDUSTRIAL USE

(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)PANJAB UNIVERSITY

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2)SPAN BIOTEC

(72)Name of Inventor :

1)SHARMA ROHIT

2)SHARMA SHAGUN

3)SHARMA MONIKA

4)KHULLAR ESHA

5)BANSAL KARAN

6)SHARMA ASHOK

(57) Abstract :

The present invention provides a novel nitrile hydrolyzing microbe Rhodococcus pyridinivorans strain PDB9 which shows remarkable potential for industrial application. It is highly active against high molarity of acrylonitrile i.e. upto a concentration of 6M acrylonitrile and has practical applications in hydrolyzing nitriles whether for pollution control or the synthesis of intermediates

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2884/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : TOWER BOLT/LATCH FOR DOOR OR WINDOW

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)RAJAN BAJAJ
(32) Priority Date	:NA	Address of Applicant :C-20, INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	ALIGARH, DT-ALIGARH-202001, Uttar Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJAN BAJAJ
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a tower bolt/latch device for door or window. The tower bolt/latch device for door or window is used for latching and unlatching the door, window, or like fixtures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2885/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 05/04/2013

(54) Title of the invention : AN IMPROVED TUMBLER LEVER LOCK

(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)RAJAN BAJAJ

Address of Applicant :C-20, INDUSTRIAL ESTATE,
ALIGARH, DT-ALIGARH-202001, Uttar Pradesh India

(72)Name of Inventor :

1)RAJAN BAJAJ

(57) Abstract :

This invention relates to an improved tumbler lever lock. Generally tumbler locks can be installed for different locking applications for example in car, drawer, cabinet, scooter petrol tank etc. This tumbler lever lock is used at the places where there is a need for more safety. Said lock can be positioned at a place having less height/length.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : CLOSE PROXIMITY WIRELESS COMMUNICATION DEVICE

(51) International classification	:H04B5/02
(31) Priority Document No	:2010-124126
(32) Priority Date	:31/05/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/002626
Filing Date	:11/05/2011
(87) International Publication No	:WO 2011/151975
	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)PANASONIC CORPORATION
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan
(72)**Name of Inventor :**
1)KITAGAWA, DAISAKU
2)NAKAYAMA, TAKESHI
3)ISHII, MASAHIRO

(57) Abstract :

One array antenna including three induction coils is formed on an application integrated circuit (25) of a fixed housing (2). Eight array antennas, each of which is arranged in a manner similar to that of the array antennas of the application integrated circuit (25), are formed at intervals of 45 degrees around a rotation axis (21) on an imaging process integrated circuit (46) of a movable housing (4). A controller (47) selects one of the eight array antennas of the imaging process integrated circuit (46) so that a magnitude of a difference between a rotation angle of a movable housing (3) and a rotation angle of the movable housing (4) becomes equal to or smaller than 22.5 degrees based on the rotation angle of the movable housing (3), and controls a stepping motor (43) so that a selected array antenna opposes to the array antenna on the application integrated circuit (25).

No. of Pages : 74 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1633/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : DRIVING A MIXER WITH A DIFFERENTIAL LO SIGNAL HAVING AT LEAST THREE SIGNAL LEVELS

(51) International classification	:H03K4/02
(31) Priority Document No	:12/553,525
(32) Priority Date	:03/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047873
Filing Date	:03/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)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)ASURI Bhushan S.
2)YAN Hongyan

(57) Abstract :

The mixer of a transmit chain of a wireless transmitter (such as the transmitter of a cellular telephone handset) is driven with low third harmonic in-phase (I) and quadrature (Q) signals. The low third harmonic I and Q signals have three or more signal levels and transition between the these three or more signal levels at times such that each of the I and Q signals approximates a sine wave and has minimal third harmonic spectral components. In one example reducing the third harmonic components of the I and Q signals simplifies design of amplifier stages of the transmitter and helps reduce receive band noise.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1654/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : MODULAR SUPPORT ELEMENT

(51) International classification :A47C27/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2009/053301

Filing Date :29/07/2009

(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)Technogel Italia S.r.l.

Address of Applicant :Via Bassanese Inferiore 32 I-36050

Pozzoleone (VI) Italy

(72)Name of Inventor :

1)MASON Matteo

(57) Abstract :

A modular supporting element (1) e.g. a mattress (2) a cushion a sitting surface of a chair of an armchair a saddie tor vehicles and the like comprises a plurality of modules (3 4 6) arranged juxtaposed the one to the other by means of complementary geometries and/or unification elements (7 17 18 19) such as hoods linings meshes and the like; the modules (3 4 6) also comprise at least on one part of their side surface parts in anti-friction material (11).

No. of Pages : 53 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1655/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : NOVEL CRYSTALLINE HETEROAROMATIC FLUOROGLYCOSIDE HYDRATES
PHARMACEUTICALS COMPRISING THESE COMPOUNDS AND THEIR USE

(51) International classification :C07H17/02
(31) Priority Document No :09290650.2
(32) Priority Date :26/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062461
Filing Date :26/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SANOFI

Address of Applicant :174 Avenue De France 75013 Paris
France

(72)Name of Inventor :

1)RIGAL David

2)FISHCHER Franceska

3)BECKER Bernd

4)FETH Martin

5)NAGEL Norbert

6)BAUMGARTNER Bruno

7)BRÄCKELMANN Martin

(57) Abstract :

Novel crystalline heteroaromatic fluoroglycoside hydrates pharmaceuticals comprising these compounds and their use The invention relates to crystalline hydrates of the formula I I in which n has a value of from 2.1 to 2.5. The compound is suitable for example as an antidiabetic.

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1656/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : VELOCITY FACTOR

(51) International classification :C07K16/00

(31) Priority Document No :09010844.0

(32) Priority Date :25/08/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/062115

Filing Date :19/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 Grenzacherstrasse CH-4070 Basel
Switzerland

(72)Name of Inventor :

1)SCHRAEML Michael

2)VON PROFF Leopold

(57) Abstract :

The current invention is directed to the velocity factor. Based on the velocity factor antibodies can be classified i.e. antibodies can be characterized on their binding properties as e.g. entropic or enthalpic antigen binder. A velocity factor based classification does not require detailed thermodynamic determinations and/or calculations. The velocity factor is the ratio of the antigen-antibody complex association rate constants k_a determined at 37 °C and 13 °C. As only two experimental determinations are required to calculate the velocity factor this is a fast and high-throughput suited method.

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.115/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : SUPPORT FOR OPTIONAL SYSTEM PARAMETER VALUES

(51) International classification :H04W52/36
(31) Priority Document No :61/230,353
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044025
Filing Date :30/07/2010
(87) International Publication No :WO 2011/014842 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KITAZOE, MASATO
2)GHEORGHIU, VALENTIN A.
3)SHIROTA, MASAKAZU
4)TENNY, NATHAN E.
5)GAAL, PETER

(57) Abstract :

Aspects describe conveying optional network signaled values that can be utilized for communication in a communications environment. A method that includes generating a first network signaled value and a second network signaled value and transmitting first network signaled value and second network signaled value to at least one mobile device is provided. A communications apparatus, comprising a memory that retains instructions related to obtaining a first network signaled value and a second network signaled value from an access point and applying first network signaled value or second network signaled value for communication in a network as a function of a priority is also provided. Also provided are optional network signaled values that can be utilized separately from a mandatory network signaled value.

No. of Pages : 51 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1635/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : IMPROVED HATCHCOVER□

(51) International classification	:B63B19/14
(31) Priority Document No	:0914596.2
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001559
Filing Date	:18/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTELLIGENT ENGINEERING (BAHAMAS) LIMITED

Address of Applicant :Bahamas International Trust Building
Bank Lane PO Box N818 Nassau Bahamas

2)DAEWOO SHIPBUILDING & MARINE ENGINEERING CO. LTD

(72)Name of Inventor :

1)KENNEDY Stephen John

(57) Abstract :

A hatchcover comprising a framework (21) and a plurality of prefabricated sandwich panels (10) welded to the framework.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1636/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : WATER HEATING SYSTEM

(51) International classification	:F24H1/20
(31) Priority Document No	:61/242,812
(32) Priority Date	:16/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054134
Filing Date	:14/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)ISRAEL MAOZ

(57) Abstract :

A method including: receiving an instruction from a user of a hot water tank (24) indicating a target temperature and a duration of a supply of water. In response to receiving the instruction water at multiple different temperatures within the hot water tank is mixed so as to form mixed water in the tank. The method includes measuring an actual temperature of the mixed water in order to make a determination of whether the mixed water will satisfy the instruction. The method also includes activating a heater (120) to heat the mixed water responsively to the determination.

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1652/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : REMOTE CONTROL ARRANGEMENT□

(51) International classification	:G06Q30/00
(31) Priority Document No	:2009903473
(32) Priority Date	:24/07/2009
(33) Name of priority country	:Australia
(86) International App□ication No	:PCT/AU2010/000938
Filing Date	:26/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SCHULTZ John

2)WOOD Christopher

(57) Abstract :

The present invention relates generally to an arrangement for delivering information to the user of a mobile device where the information presented to the user is associated with information that has a temporal or contextual or location based association with other information also presented to the user. In one example the mobile device is a device used to remotely control one or more controllable devices such as a television personal video recorder and/or digital radio receiver and additional multi-media information is made available to the user interface of the remote control to the user at the time the source information is being viewed/listened to or provided to the user regardless of when the source was generated or broadcast.

No. of Pages : 80 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1662/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : K5 HEPAROSAN FERMENTATION AND PURIFICATION

(51) International classification :C12P19/04
(31) Priority Document No :61/275,675
(32) Priority Date :01/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/047183
Filing Date :30/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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United States of America
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2)LINHARDT Robert J.
3)DORDICK Jonathan S.
4)BHASKAR Ujjwal

(57) Abstract :

A method for the production of heparosan from fermentation culture of E. coli K5 suitable for industrial production exhibiting superior yield and purity smaller culture volumes faster growth and lower costs.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1755/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : MOBILE STATION APPARATUS AND COMMUNICATION METHOD

(51) International classification :H04W72/04

(31) Priority Document No :2009-175973

(32) Priority Date :29/07/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/062726

Filing Date :28/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)SUZUKI Shoichi

(57) Abstract :

A mobile station apparatus which communicates with a base station apparatus using a plurality of component carriers transmits uplink control information to the base station apparatus using a single physical uplink control channel in a plurality of uplink component carriers regardless of whether or not a plurality of physical uplink control channels is assigned by the base station apparatus and when each physical uplink shared channel of the plurality of uplink component carriers including a first uplink component carrier on which the uplink control information is transmitted using the physical uplink control channel is assigned in the same subframe by the base station apparatus transmits the uplink control information to the base station apparatus using the physical uplink shared channel of the first uplink component carrier.

No. of Pages : 84 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1624/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : HEAT PIPE ASSISTED STRIP HEAT TREATMENT

(51) International classification	:C21D1/34
(31) Priority Document No	:09009688.4
(32) Priority Date	:27/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004485
Filing Date	:22/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PAULUSSEN Geert

(57) Abstract :

Method of processing a strip following a strip path by heating or cooling wherein the strip is brought into contact with a roller wherein the roller comprises a heat pipe wherein the roller simultaneously heats a first strip and cools a second strip characterised in that the dimensions of the roller and the lay-out of the strip paths are chosen such that the footprint of the first strip on the roller and the footprint of the second strip on the roller do not overlap.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1657/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : DEVICE METHOD AND TOOL FOR PRODUCING A RIMMED PASSAGE IN A COMPONENT

(51) International classification :B21D22/04
(31) Priority Document No :10 2009 038 607.6
(32) Priority Date :26/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005035
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TOX PRESSOTECHNIK GmbH & Co. KG
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(72)**Name of Inventor :**
1)BADENT Michael

(57) Abstract :

The invention relates to a device a method and a tool (1) for producing a rimmed passage in a component (2) said device having a die unit (4) and a punch apparatus (3) wherein the die unit (4) can be arranged on a first side of the component and the punch apparatus (3) can be arranged opposite on a second side of the component. As claimed in the invention the punch apparatus (3) includes a hollow punch with a punch recess which is matched to a die section of the die unit (4) in such a manner that when there is a relative movement between the die unit (4) and the punch apparatus (3) the die section enters the punch recess wherein the punched-out material region is pushed into the punch recess.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1658/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR PREPARING ALKYLENE OXIDES AND ALKYLENE GLYCOLS

(51) International classification	:C07C29/04
(31) Priority Document No	:10 2009 038 398.0
(32) Priority Date	:24/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/004933
Filing Date	:12/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)REIF Ferdinand Rudolf

(57) Abstract :

An integrated process for preparing alkylene oxides and alkylene glycols is described. For this purpose an alkylene oxide plant and an alkylene glycol plant are combined with one another and the water originating from the alkylene oxide plant and also other constituents of the reaction mixture are introduced into the alkylene glycol plant. In this way alkylene glycols which have been produced in the alkylene oxide plant can be recovered as materials of value and the water circulation into the alkylene glycol plant can be eliminated or drastically reduced. In addition the energy-intensive treatment of the process water from the alkylene oxide plant can be dispensed with. The integration of the two processes leads overall to better energy efficiency and conservation of resources in the work-up of residues from the process.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1659/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESS FOR REMOVING AN ALKANOL IMPURITY FROM A DIALKYL CARBONATE STREAM

(51) International classification	:C07C68/08
(31) Priority Document No	:09167737.7
(32) Priority Date	:12/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061587
Filing Date	:10/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)ALLAIS Cyrille Paul
2)VAPORCIYAN Garo Garbis**

(57) Abstract :

The disclosure relates to a process for removing an alkanol impurity from a stream containing a dialkyl carbonate and the alkanol impurity comprising contacting the stream with an aryl group containing ester and a catalyst to effect reaction of the alkanol impurity with the aryl group containing ester.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1801/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESS FOR PRODUCING AN ULTRA-LOW-CARBON STEEL SLAB STRIP OR SHEET

(51) International classification :C21C7/00
(31) Priority Document No :09009867.4
(32) Priority Date :30/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/004429
Filing Date :20/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)RICHARDS Ben
2)TIEKINK Wouter Karel
3)DE HAAS Maarten Arie

(57) Abstract :

This invention relates to a process for producing Ultra-low-carbon steel strip or sheet said process comprising: - producing a vacuum-degassed steel melt in a steelmaking step comprising a ladle treatment comprising by weight o at most 0.003% carbon o at most 0.004%nitrogen o at most 0.20% phosphorus o at most 0.020% sulphur o and balance iron and inevitable impurities - wherein a target oxygen content of the melt at the end of the ladle treatment of the melt is obtained by measuring the actual oxygen content of the melt followed by adding a suitable amount of aluminium in a suitable form to the melt to bind oxygen wherein the target oxygen activity or dissolved oxygen content of the melt at the end of the ladle treatment is at most 80 ppm; - casting the steel thus produced in a continuous casting process to form a slab or

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1628/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : POWER AMPLIFIER APPARATUS AND RECEIVING APPARATUS OF A USER EQUIPMENT

(51) International classification :H03F3/20
(31) Priority Document No :200920177821.7
(32) Priority Date :31/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074298
Filing Date :23/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WANG Hai

(57) Abstract :

A power amplifier device is disclosed. The power amplifier device comprises a first stage power amplifier tube for magnifying an input signal a first stage bias circuit connected with the first stage power amplifier tube for supplying the first stage power amplifier tube with bias voltage a second stage power amplifier tube connected with the first stage power amplifier tube for magnifying a output signal from the first stage power amplifier tube a second stage bias circuit connected with the second stage power amplifier tube for supplying the second stage power amplifier tube with bias voltage; a reference voltage unit connected with the first stage bias circuit and the second stage bias circuit

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1660/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : IMPLANTATION DEVICE WITH HANDLE AND METHOD OF USE THEREOF

(51) International classification :A61F2/82
(31) Priority Document No :12/545,982
(32) Priority Date :24/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029218
Filing Date :30/03/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NISSL Thomas

(57) Abstract :

An instrument for deploying an implantable medical device into a body lumen is disclosed. The instrument comprises a base member having a base handle and a deployment extension a first tubular member having a first tubular body and a first handle and a second tubular member having a second tubular body and a second handle. The first tubular member fits over the deployment extension and is longitudinally slidable over the deployment extension and the second tubular member fits over the first tubular member and is longitudinally slidable over the first tubular member. The distal ends of the deployment extension the first tubular body and the second tubular body are adapted to hold and deploy the implantable medical device.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1661/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESSES AND METHODS FOR DIAGNOSIS OF ALZHEIMERTMS DISEASE

(51) International classification :C07C68/08
(31) Priority Document No :09305721.4
(32) Priority Date :31/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/061087
Filing Date :30/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHOU Weiyin
3)BEURDELEY Pascale

(57) Abstract :

The present application relates to methods and compositions that can be used to diagnose AlzheimerTMs disease in mammals most notably humans. It describes most notably peripheral blood biomarkers for AlzheimerTMs disease and uses said biomarkers in diagnostic methods. It also relates to tools and/or kits that can be used to implement said methods (reagents probes primers antibodies arrays or chips cells etc.) as well as the preparation and use thereof. The invention can further be used to detect the presence or the advance of AlzheimerTMs disease in mammals including during the diseaseTMs early phase as well as to predict the effectiveness of an AlzheimerTMs disease treatment.

No. of Pages : 185 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1758/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : POLYARYLENE SULFIDE AND METHOD FOR PRODUCING SAME

(51) International classification :C08G75/02
(31) Priority Document No :2009-196453
(32) Priority Date :27/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064439
Filing Date :26/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ISAGO Hiroyuki
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4)INOHARA Masahiro

(57) Abstract :

A method for producing a polyarylene sulfide by reacting a sulfidizing agent with a dihalogenated aromatic compound in an organic polar solvent in the presence of an alkali metal hydroxide the method comprising <Step 1>: carrying out the reaction in such a manner that the polymerization time in a temperature range of 230°C to less than 245°C (T1a) is not less than 30 minutes and less than 3.5 hours and that the conversion ratio of the dihalogenated aromatic compound at the end of the step is 70 to 98 mol.% and <Step 2>: carrying out the reaction in such a manner that the polymerization time in a temperature range of 245°C to less than 280°C (T2) is not less than 5 minutes and less than 1 hour.

No. of Pages : 51 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1805/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : SUPER-LIFTING DEVICE OF CRANE CONTROL SYSTEM AND CONTROL METHOD THEREOF□

(51) International classification	:B66C13/18
(31) Priority Document No	:200910216804.4
(32) Priority Date	:31/12/2009
(33) Name of pri□rity country	:China
(86) International Application No	:PCT/CN2010/074368
Filing Date	:24/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DENG Lianxi

2)LIU Munan

3)LI Bin

(57) Abstract :

A control system for a super-lifting device of a crane comprises a pressure-detecting element (21) for detecting the pressure of a variable amplitude oil cylinder and obtaining a measured pressure value and a control element (22) for comparing the measured pressure value with the predetermined pressure value. When the measured pressure value is larger than or equal to the predetermined pressure value the tensioning oil cylinder (23) is shortened therefore increasing the tensioning pressure of the tensioning oil cylinder (23) reinforcing the tension of the super-lifting cable wire in the super-lifting device and increasing the super-lifting moment applied to the main arm by the super-lifting device which can effectively balance the pressure of the variable amplitude oil cylinder. A control method and a super-lifting device with the above control system are disclosed.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1817/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONDUCTING AN ASSAY □

(51) International classification :C12Q1/68
(31) Priority Document No :2009903546
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/000953
□ Filing Date :29/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)CORBETT John Snr

(57) Abstract :

The present invention relates to methods and apparatus for conducting an assay. In particular the present invention relates to a rotatable platform which can be used for conducting an assay in particular multi-step assays. The present invention provides a rotatable platform adapted to immobilise a first binding partner in one or more discrete areas on a surface of said platform or to selectively immobilise a second binding partner in one or more discrete areas on a surface of said platform. The invention also relates to methods apparatus a kit and the use of the rotatable platform for conducting an assay. In particular the invention has been developed primarily for use in sequencing nucleic acid by pyrosequencing however the invention is not limited to this field.

No. of Pages : 56 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1867/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PRODUCTS AND METHODS FOR ENHANCED TRANSGENE EXPRESSION AND PROCESSING

(51) International classification	:C12N15/90
(31) Priority Document No	:61/243,950
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002337
Filing Date	:20/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GIROD Pierre-Alain

3)GRANDJEAN MÃlanie

4)LE FOURN ValÃrie

5)CALABRESE David

6)REGAMEY Alexandre

(57) Abstract :

Disclosed are methods and eukaryotic host cells for transgene expression. The cells may be treated and/or modified to increase homologous recombination (HR) decrease non homologous end joining (NHEJ) and/or to enhanced a HR/NHEJ ratio in said cell. Such cells can be transfected with vectors comprising the transgene which advantageously integrates into the genome of the cell to form a concatemeric structure which may comprise more than 200 transgene copies. Certain expression enhancing elements such as MARs are advantageously provided to further enhance and/or facilitate transgene expression. Disclosed is also a recombinant eukaryotic host cell in particular a non-primate host cell comprising a transgenic sequence encoding a protein and/or a RNA in particular a primate protein and/or RNA involved in translocation across the ER membrane and/or secretion across the cytoplasmic membrane.

No. of Pages : 105 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.250/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : TUBE WITH REVERSE NECKING PROPERTIES

(51) International classification	:A61F2/84
(31) Priority Document No	:12/503,785
(32) Priority Date	:15/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041765
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/008723 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SILVERMAN, JAMES, D.

(57) Abstract :

An improved tubular structure adapted to increase in diameter upon application of axial force is provided. Increase in diameter is achieved by constructing the tube from multiple layers of material that move relative to each other during axial elongation of the tube. The tube of the present invention can be used both to avoid problems in necking found in many prior tube devices, and to provide additional benefits that increases in diameter of the tube during axial elongation can provide. As such, the tube of the present invention may be useful as a manufacturing aid, as a deployment sheath (for example, to deliver medical devices), and in other applications that may benefit from easier tubular sheath removal.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.281/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : IMAGE STABILIZATION APPARATUS AND IMAGE PICKUP APPARATUS

(51) International classification	:G03B5/00
(31) Priority Document No	:2009-140255
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057729
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/143485
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)NOTO, GORO

2)MASUDA, SHINICHI

(57) Abstract :

An image stabilizer has a shooting optical system shooting an object whose principal point moves between first and second principal points in an optical axis direction, an acceleration detector detecting acceleration applied to the image stabilizer and disposed between the first and second principal points in the optical axis direction. An angular velocity detector detecting angular velocity applied to the image stabilizer, an acceleration detector disposed between principal points for proximity and infinity shootings and detecting acceleration applied to the image stabilizer, a rotation angular velocity calculator calculating rotation angular velocity component around the principal point of the shooting optical system based on the angular velocity detector, a revolution angular velocity calculator calculating revolution angular velocity component around the object based on the acceleration detector and the rotation angular velocity calculator, and a controller performing image stabilization control based on a difference between the rotation and revolution angular velocity components.

No. of Pages : 105 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1812/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : TREATMENT OF CROHNS DISEASE WITH LAQUINIMOD□

(51) International classification :A01N43/42

(31) Priority Document No :61/273,167

(32) Priority Date :30/07/2009

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

(86) International Application No :PCT/US2010/002129

Filing Date :29/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)Eran Blaugrund

4)Joel Kaye

(57) Abstract :

This application provides for a method of treating a subject suffering from Crohns disease the method comprising periodically administering to the subject an amount of laquinimod or pharmaceutically acceptable salt thereof effective to treat the subject. This application provides for use of laquinimod in the manufacture of a medicament for treating a subject suffering from Crohns disease. This application also provides for a pharmaceutical composition comprising laquinimod for use in treating a subject suffering from Crohns disease

No. of Pages : 43 No. of Claims : 18

(54) Title of the invention : NOVEL BICYCLIC ANTIBIOTICS

(51) International classification :C07D405/12

(31) Priority Document No :09151027.1

(32) Priority Date :21/01/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/050684
Filing Date :21/01/2010(87) International Publication No :WO 2010/084152
A1(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)GAUCHER, BERANGERE**2)DANEL, FRANCK HUBERT****3)ROUSSEL, PATRICK**

(57) Abstract :

Compounds of formula I (I) wherein XI, X3; X4 and X6, each independently of the others, represents a nitrogen atom or CR₂, with the proviso that at least one of XI, X3; X4 and X6 represents a nitrogen atom; X2 represents C-H, C-(C1-C6alkyl), C-(C1-C6alkoxy), C-halogen, C-COOH; X5 represents C-H or C-(C1-C6alkyl), C-halogen; R1 and R2, independently of one another, represent hydrogen or a substituent selected from hydroxy, halogen, carboxy, amino, Cl-C6alkylamino, di(Cl-C6alkyl)amino, mercapto, cyano, nitro, Cl-C6alkyl, Cl-C6alkoxy, Cl-C6alkylthio, Cl-C6alkylamino- carbonyloxy, C2-C6alkenyl, C2-C6alkynyl, Cl-C6alkylcarbonyloxy, Cl-C6alkyl- sulfonyloxy, C1 -C6heteroalkylcarbonyloxy, C5-C6heterocyclylcarbonyloxy, Cl-C6heteroalkyl, Cl-C6heteroalkoxy, wherein heteroalkyl, heteroalkoxy groups or heterocyclyl comprise 1, 2 or 3 heteroatoms selected from nitrogen, oxygen and sulphur, in which substituents the alkyl moieties are unsubstituted or further substituted by halogeno, cyano, hydroxy, Cl-C4alkoxy, Cl-C4alkylcarbonyl, Cl-C4alkoxycarbonyl, unsubstituted or substituted phenoxy or phenylcarbonyl, unsubstituted or substituted C5-C6heterocyclyl or carboxy; A1 represents a divalent group of one of the formulae -O-(CH₂)_m-(CH₂)-, -S-(CH₂)_m-(CH₂)- or - (C=O)O-(CH₂)_m-(CH₂)-, wherein the (CH₂)_m moiety is optionally substituted by Cl-C4alkyl, C2-C4alkenyl, C3-C6cycloalkyl, C3-C6cycloalkylmethyl, morpholinomethyl, halogen, carboxy, hydroxy, Cl-C4alkoxy; C1 -C4alkoxyC 1 -C4alkyl, C1 -C4alkoxy(C 1 -C4alkylenoxy)C 1 -C4alkyl, benzyloxyC 1 -C4alkyl, amino, mono- or di-(Cl-C4alkyl)amino or acylamino, in which substituents the alkyl moieties can be further substituted by 1 or more fluoro atoms m is 0,1 or 2, provided that the number of atoms in the direct chain between the two terminal valencies of A1 is at least 3, which group A1 is linked to A2 via the terminal (CH₂)-moiety; A2 is a group selected from C3-C8cycloalkylene; saturated and unsaturated 4 to 8- membered heterocyclodiyl with 1,2 or 3 heteroatoms selected from nitrogen, oxygen and sulphur, which group A2 is unsubstituted or substituted; R4 represents hydrogen or Cl-C4alkyl; A3 represents Cl-C4alkylene, C2-C4alkenylene, >C=O, -C(O)Cl-C3alkylene-, -C(=O)NH-, or a group selected from -C2H4NH-, -C2H4O-, and -C2H4S- being linked to the adjacent NR₄-group via the carbon atom; and G represents aryl or heteroaryl, which is unsubstituted or substituted and n is 0,1 or 2; or a pharmaceutically acceptable salts, hydrates or solvates thereof are valuable antibacterial agents.

No. of Pages : 147 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.750/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : CASTING DIE

(51) International classification	:B22D17/22
(31) Priority Document No	:2009-185341
(32) Priority Date	:08/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060719
Filing Date	:24/06/2010
(87) International Publication No	:WO 2011/018922
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HIRANO, MASAO

2)HORIBE, YOSHITAKA

(57) Abstract :

A casting die which provides a high molten metal fluidity and a high mold releasability is realized. A die (10) is provided with a dimple region (D) in which a plurality of semisphere-shaped first dimples (12) formed in a cavity surface (11) are dispersed directionlessly. The communication ratio defined by the number of the first dimples (12) which constitute combined dimples (12b) consisting of two or more dimples interconnected to the total number of the first dimples (12) is not less than 80%. Thus, a large number of combined dimples (12b) which serve as random, directionless short flow passages are formed in the dimple region (D), thereby enhancing the molten metal fluidity.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7955/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : DIETARY SUPPLEMENT COMPRISING ALPHA KETO ACIDS FOR SUPPORTING DIABETES THERAPY

(51) International classification	:A61K31/19
(31) Priority Document No	:10 2009 016 119.8
(32) Priority Date	:03/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053704
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/112362
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)WINDHAB, NORBERT
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5)LIU, YUEFEI
6)STEINACKER, JURGEN, M.

(57) Abstract :

Food supplement containing alpha-keto acids for supporting diabetes therapy. The present invention relates to a formulation which is used as food supplement and contains alpha-keto acids for supporting therapy in diabetes mellitus type II (DM).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.817/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : THERMOELECTRIC DEVICE USING SEMICONDUCTOR TECHNOLOGY

(51) International classification :H01L35/32
(31) Priority Document No :0903721
(32) Priority Date :29/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/060820
Filing Date :26/07/2010
(87) International Publication No :WO 2011/012586
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)REMONDIERE, VINCENT
4)PLISSONNIER, MARC

(57) Abstract :

An integrated thermoelectric device in semiconductor technology comprising a hot side (Th) arranged in proximity to a heat source, and a cold side (To), providing a signal (U) according to the temperature difference between the hot and cold sides. The hot and cold sides are arranged in such a way that their temperatures tend to equal out when the temperature of the heat source varies, i.e. when the sensor is in poor operating conditions. A measuring circuit provides useful information according to a continuously variable portion {t0-t1} of the signal from a time (tO) when the temperature of the heat source varies. If the temperature of the heat source ceases to vary, the temperatures of the hot and cold sides eventually equal out and the signal is annulled and ceases to vary. The distance between the hot and cold sides can be less than 100 µm. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.851/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD FOR PROCESSING BANKNOTES

(51) International classification :G07D11/00
(31) Priority Document No :10 2009 034 065.3
(32) Priority Date :22/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/060476
Filing Date :20/07/2010
(87) International Publication No :WO 2011/009856
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMIDT, ALFRED
3)WERNER, FRANK

(57) Abstract :

The present invention relates to a method for processing banknotes. The invention is based on a method wherein accounting units made of one or more banknotes are processed sequentially by means of a processing machine, wherein the bank notes are checked by means of a sensor device and a control device. To this end, one or more accounting units are placed, information identifying the accounting units is entered, the banknotes of each accounting unit are separated, tested, and associated with output units of the processing machine as a function of the test According to the invention, banknotes that are recognized during the test are accounted for by the control device for each accounting unit and are transported into the associated output unit Bank notes that are not recognized during the test are divided into two groups by the control device, wherein a first group comprises individual banknotes not recognized by the test, for which an identification feature identifying each banknote can be determined by the sensor device and the control device, whereas a second group comprises banknotes not recognized by the test, wherein the identification feature thereof cannot be determined by the sensor device and control device. Banknotes of the first and second group are transported into different output units, and the control device associates the determined identification features of the banknotes of the first group with each corresponding accounting unit

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.855/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : CONTAINER WITH FOLDABLE LOAD PLATFORM

(51) International classification :B65D19/12
(31) Priority Document No :P200930490
(32) Priority Date :22/07/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/070441
Filing Date :30/06/2010
(87) International Publication No :WO 2011/009985
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GARCIA ARANDA, JAVIER RAMON
5)GIL SERRANO, EMILIO
6)ALEGRE OLMOS, MONICA

(57) Abstract :

Container with foldable load platform intended for transporting different pieces, so that once the container assembly is empty; it can be folded occupying a reduced space, it is characterized in that it comprises a foldable load container having two opposite side walls with the addition of a central folding line (5) and two side folding lines (6) parallel and separated by a distance from the corner joints(7) of adjacent side walls. Therefore some characteristic inner spaces are created in the folded position of the load container, which allow housing different fastening elements therein, unlike conventionally occurs wherein housing these fastening elements within the inside fold of load container is not possible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : MULTI-PHASE MEDIUM VOLTAGE CONTACTOR

(51) International classification	:H01H3/22
(31) Priority Document No	:09164343.7
(32) Priority Date	:01/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058852
Filing Date	:22/06/2010
(87) International Publication No	:WO 2011/000744
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)PRESTINI, OSVALDO

(57) Abstract :

A multi-phase Medium Voltage Contactor (100) comprising: - for each phase, a fixed contact (103) and a movable contact (104) positionable between an open position, in which it is operatively disconnected from the fixed contact (103), and a closed position in which it is operatively connected to the fixed contact (103); - an electromagnetic actuator (10) operatively connected to the movable contact (104) and positionable between a first open position corresponding to the open position of the movable contacts (104), and a second closed position corresponding to the closed position of the movable contacts (104); - a manual opening device (20) operatively connected to the electromagnetic actuator. The manual opening device (20) comprises a kinematic mechanism having: - an operating shaft (8); - first lever means (3) movable by the operating shaft (8); - second lever means (4) movable by the first lever means (3) and operatively coupled to the electromagnetic actuator, - blocking means (5) movable by the first lever means (3) between a first position in which the blocking means (5) lock the second lever means (4) and a second position in which the second lever means (4) are released thereby determining the positioning of the electromagnetic actuator (10) from said closed position into said open position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : AQUEOUS CARBONATED MEDIUM CONTAINING AN AMINO(METH)ACRYLATE POLYMER OR COPOLYMER

(51) International classification :A61K47/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/059853
Filing Date :30/07/2009
(87) International Publication No :WO 2011/012162
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAMM, MICHAEL
3)PETEREIT, HANS-ULRICH

(57) Abstract :

The invention relates to an aqueous medium containing an amino(meth)acrylate polymer or copolymer which is not soluble in demineralised water, characterized in that the medium has a content of an aqueous phase of at least 60 % by weight and a content of up to 40 % by weight of solids comprising the amino(meth)acrylate polymer or copolymer, whereby the aqueous phase is charged by a sufficient amount of carbon dioxide that effects the amino(meth)acrylate polymer or copolymer to be present in solute form in the medium. The aqueous medium may be used beneficially as a coating or binding solution for the spray coating or binding of pharmaceutical compositions or nutraceutical compositions or cosmetical compositions.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : POWDERY OR GRANULATED COMPOSITION COMPRISING A COPOLYMER, A DICARBOXYLIC ACID AND A FATTY MONOCARBOXYLIC ACID

(51) International classification	:C08K5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/059850
Filing Date	:30/07/2009
(87) International Publication No	:WO 2011/012161
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)PETEREIT, HANS-ULRICH
4)MEIER, CHRISTIAN

(57) Abstract :

The invention relates to a powdery or granulated composition comprising at least by 30 % by weight of a mixture of the components (a), (b) and (c) with (a) a copolymer composed of polymerized units of C1- to C4-alkyl esters of acrylic or methacrylic acid and of alkyl(meth)acrylate monomers with a tertiary amino group in the alkyl radical and (b) 0.5 to 10% by weight based on (a) of a dicarboxylic acid having 3 to 10 carbon atoms and (c) 5 to 20 % by weight based on (a) of a fatty monocarboxylic acid having 8 to 18 carbon atoms.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYETHEROLS FROM ALKYLENE OXIDES

(51) International classification :C08G65/30
(31) Priority Document No :09166741.0
(32) Priority Date :29/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060845
Filing Date :27/07/2010
(87) International Publication No :WO 2011/012599
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)SCHAUSS, ECKARD

9)SZESCHKUS, SUSANNE

10)CHILEKAR, VINIT

11)SCHWARZ, HANS VOLKMAR

(57) Abstract :

A process for the preparation of polyetherols, comprising the following steps: a) reaction of at least one starter compound with at least one alkylene oxide and a catalyst to give a crude polyetherol and b) removal of low molecular weight byproducts from the crude polyetherol from step a), wherein the crude polyetherol is treated with a stripping gas in a column having internals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.915/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : WIRING BOARD, METHOD FOR MANUFACTURING SAME, DISPLAY PANEL, AND DISPLAY DEVICE

(51) International classification	:G09F9/30
(31) Priority Document No	:2009-175373
(32) Priority Date	:28/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058390
Filing Date	:18/05/2010
(87) International Publication No	:WO 2011/013434
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)WATARU NAKAMURA

(57) Abstract :

A wiring board is provided which can prevent a metal electrode from corroding due to a defect in a transparent conductive electrode covering an end face of an organic insulating film. An active-matrix substrate (20) includes: a glass substrate (21); a metal wire (22) provided on the glass substrate (21); a gate insulating film (24) covering the metal wire (22); an interlayer insulating film (29) covering the gate insulating film (24); and a transparent electrode (33) formed on the interlayer insulating film (29). The scanning wire (22) provided with a terminal area (55) where the transparent electrode (33) is laminated directly on the scanning wire (22). The transparent electrode (33) extends over the terminal area (55) in such a way as to cover an end face (29a) of the interlayer insulating film (29) that faces the terminal area (55) and an end face (24a) of the gate insulating film (24) that faces the terminal area (55). The end face (29a) of the interlayer insulating film (29) is further away from the terminal area (55) than the end face (24a) of the gate insulating film (24).

No. of Pages : 198 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9158/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : SUSPENSION SYSTEM FOR HEAVY AND VOCATIONAL VEHICLES

(51) International classification :B60G11/32
(31) Priority Document No :61/177,874
(32) Priority Date :13/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034771
Filing Date :13/05/2010
(87) International Publication No :WO 2010/132692 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GALLA, JEFFREY MICHAEL
4)KLEIN, JASON
5)ROE, DAVID
6)DYKSTRA, DANIEL R.

(57) Abstract :

A vehicle suspension system includes a first trailing arm assembly and a second trailing assembly each including a mounting bracket adapted to be secured to a vehicle frame and a trailing arm member pivotably coupled to the associated mounting bracket and adapted to be operably coupled to an axle member, wherein the trailing arm members each include an aperture extending therein, wherein the aperture has a relatively constant cross-sectional configuration along a depth thereof. The vehicle suspension system further includes a torsional member extending between the first and second trailing arm members and frictionally secured within the apertures thereof, wherein the torsional member has a relatively constant cross-sectional configuration along a length thereof that is received within the apertures of the trailing arms.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : STABILIZED SAFETY GYROPLANE

(51) International classification	:B64C27/02
(31) Priority Document No	:PCT/FR2009/001006
(32) Priority Date	:14/08/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/001006
Filing Date	:20/08/2009
(87) International Publication No	:WO 2011/018559
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)PERRICHON, CLAUDE, ANNIE
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(57) Abstract :

The present application takes various known processes and assembles the latter in a particular manner, said application relating to the integration of a double rotating wing which is in turn coupled to a launching engine, which dispenses with a counter-torque propeller, which can be dangerous. The device is arranged such that the time for the nature! effect of self-containment is sufficient. A specific compilation introduces novel technologies brought together for the first time with the principle of gyroplane technology, which is the eCRT technology providing additional safety. An aircraft with a rotating wing is assisted by radio controlled eCRT performed by eCRT sensors which impede the effects of fluctuating electromagnetic incompatibilities generated by the mechanical parts under stress, thus increasing flight performances, and treeing the available power from stresses, parasites or fluctuating counterfinrces. (57) Abrege: La presente demande prend differents processus connus que nous assemblons de facon particuliere et qui dans cette demande est l'integration d'une double voilure tournante qui elle-meme est couplee a un moteur de lancement, ce qui nous dispense aime helice de contre couple qui presente de nombreux dangers. Ce dispositif est mis en place, le temps que l'effet naturel de l'auto-portance soit suffisant. Une compilation specifique introduit de nouvelles technologies assemblees pour la premiere fois au principe d'une technologie tfautogyre, que represente la technologic eCRT qui apporte un complement de securite. Appareil de vol a voilure tournante est assists de « radio regulation eCRT realise par des palpeurs eCRT qui gommment les effets dincompatibilites electromagnetiques fluctuantes gfcnerees par les pieces mecaniques en contraintes, augmentant ainsi les performances de vol, et laissant libres les puissances disponibles sans effort, sans parasite et de contre force fhictuante.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING THE TEMPERATURE OF A PASSENGER COMPARTMENT

(51) International classification	:B60H1/00
(31) Priority Document No	:0955278
(32) Priority Date	:28/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051318
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/015739
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BRUNIQUEL, GUILAUME

(57) Abstract :

The invention relates to a method and device for controlling the temperature (Thab) of a passenger compartment by initializing, at startup, an estimated temperature (PVb) of the passenger compartment to an initial temperature (Tmh) predetermined by a stop time interval preceding startup, so as to provide controlled heat power (Preg) which reduces a gap between the set value temperature (Thab) and the estimated temperature (TAhat).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.884/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PIVOT-FIT FRAME, AND METHOD FOR PHOTOVOLTAIC MODULE

(51) International classification	:H01L31/042
(31) Priority Document No	:61/270,122
(32) Priority Date	:02/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040981
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/025585 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)WEST, JOHN

(57) Abstract :

A system and apparatus are disclosed including PV modules having a frame allowing quick and easy assembling of the PV modules into a PV array in a sturdy and durable manner. In examples of the present technology, the PV modules may have a grooved frame where the groove is provided at an angle with respect to a planar surface of the modules. Various couplings may engage within the groove to assemble the PV modules into the PV array with a pivot-fit connection. Further examples of the present technology operate with PV modules having frames without grooves, or with PV modules where the frame is omitted altogether.

No. of Pages : 108 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.916/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : CLOSURE SYSTEM FOR A LEAKPROOF BABY FEEDING BOTTLE

(51) International classification :A61J11/04
(31) Priority Document No :10 2009 035 598.7
(32) Priority Date :31/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004669
Filing Date :30/07/2010
(87) International Publication No :WO 2011/012310
A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ITZEK, ECKHARD

2)SEIDLER, BJORN-FREDERIK

(57) Abstract :

Closure system for a leakproof baby feeding bottle comprising - a lower closure ring which has a substantially cylindrical lower peripheral part with an internal thread, which may be screwed onto an external thread of a bottle and comprises a lower partition connected to the lower peripheral part on the edge above the internal thread and blocking its cross section, with a first upper face and a first lower face and at least one lower throughflow hole which opens, on the one hand, in the first upper face and, on the other hand, in the first lower face, - an upper closure ring which comprises a substantially cylindrical upper peripheral part with an external thread for connecting to a screw ring for fastening a drinking teat to the upper peripheral part and an upper partition connected to the upper peripheral part on the upper edge and blocking its cross section, with a second upper face and a second lower face located sealingly on the first upper face and at least one upper throughflow hole which opens, on the one hand, in the second lower face and, on the other hand, in the second upper face, - locking elements which rotatably and releasably lock together the lower closure ring and the upper closure ring relative to one another, - a circular lip seal made of a soft elastic material concentric to the lower peripheral part being arranged on the first upper face, with at least one axially oriented sealing lip and at least one circular seal geometry engaging with the lip seal and concentric to the upper peripheral part being arranged on the second lower face or vice versa and by rotating the upper closure ring relative to the lower closure ring the upper throughflow hole may optionally be brought into overlapping and non-overlapping positions relative to the lower throughflow hole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.926/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PHOSPHORUS CONTAINING QUINAZOLINE COMPOUNDS AND METHODS OF USE

(51) International classification :A01N43/54
(31) Priority Document No :61/222,551
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001897
Filing Date :02/07/2010
(87) International Publication No :WO 2011/002523 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHEN, WANG
2)ZHANG, AIMIN
3)FAN, JUNFA
4)ZHENG, XIAOLING

(57) Abstract :

Disclosed are novel quinazoline derivatives containing phosphoais substitutions and methods for the treatment of hyperproliferative diseases (e.g. cancer) using the compounds. These compounds are type I receptor protein kinase inhibitors useful in treating disorders related to abnormal protein kinase activities such as cancer and inflammation in mammals. Also disclosed are pharmaceutical compositions containing the compounds, methods for the preparation of the compounds and their pharmaceutically acceptable salts.

No. of Pages : 93 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : RESOURCE ALLOCATION IN VIRTUALIZED ENVIRONMENTS

(51) International classification :G06F 12/08

(31) Priority Document No :12/562,242

(32) Priority Date :18/09/2009

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

(86) International Application No :PCT/EP2010/062735

Filing Date :31/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)International Business Machines Corporation

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(72)Name of Inventor :

1)LI Jian

2)RAJAMONY Ramakrishnan

3)SPEIGHT William Evan

4)ZHANG Lixin

(57) Abstract :

A mechanism is provided in a cache for providing a read and write aware cache. The mechanism partitions a large cache into a read-often region and a write-often region. The mechanism considers read/write frequency in a non-uniform cache architecture replacement policy. A frequently written cache line is placed in one of the farther banks. A frequently read cache line is placed in one of the closer banks. The size ratio between read-often and write-often regions may be static or dynamic. The boundary between the read-often region and the write-often region may be distinct or fuzzy.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.285/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD TO DEVELOP HIGH OLEIC ACID SOYBEANS USING CONVENTIONAL SOYBEAN BREEDING TECHNIQUES

(51) International classification	:A01H1/00
(31) Priority Document No	:61/223,942
(32) Priority Date	:08/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041415
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/005998 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BILYEU, KRISTIN
2)SHANNON, GROVER
3)LEE, JEONG-DONG
4)PHAM, TUNG, ANH

(57) Abstract :

The present invention is directed to a soybean plant with mutations in FAD2-1A and FAD2-1B. Moreover, the present invention is directed to seeds from said plants with altered ratios of monosaturated and polyunsaturated fats. In particular, the present invention is directed to plants where the plants exhibit elevated levels of oleic acid.

No. of Pages : 52 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PYRANYL ARYL METHYL BENZOQUINAZOLINONE M1 RECEPTOR POSITIVE ALLOSTERIC MODULATORS

(51) International classification	:A01N43/54
(31) Priority Document No	:61/238,457
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046733
Filing Date	:26/08/2010
(87) International Publication No	:WO 2011/025851 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KUDUK, SCOTT, D.

2)CHANG, RONALD, K.

3)GRESHOCK, THOMAS, J.

(57) Abstract :

The present invention is directed to pyranlyl aryl methyl benzoquinazolinone compounds of formula (I) which are M1 receptor positive allosteric modulators and that are useful in the treatment of diseases in which the M1 receptor is involved, such as Alzheimer's disease, schizophrenia, pain or sleep disorders. The invention is also directed to pharmaceutical compositions comprising the compounds, and to the use of the compounds and compositions in the treatment of diseases mediated by the M1 receptor.

No. of Pages : 132 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : STABILIZATION METHOD FOR BIOLOGICAL SAMPLES BY COMBINATION OF HEATING AND CHEMICAL FIXATION

(51) International classification	:G01N1/44
(31) Priority Document No	:0950572-8
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050633
Filing Date	:08/06/2010
(87) International Publication No	:WO 2011/014108
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)BOREN, MATS

2)SKOLD, KARL

3)SVENSSON, MARCUS

(57) Abstract :

The present invention provides methods for stabilizing a biological sample for analysis. The invention more particularly provides methods combining heat treatment and chemical fixation of biological samples in order to maintain protein primary structure and post-translational modifications, such as protein phosphorylations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : BACKLIGHT DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-179823
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057220
Filing Date	:23/04/2010
(87) International Publication No	:WO 2011/013419
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MOURI, HIROKAZU

(57) Abstract :

A backlight device is provided that can prevent the number of production steps from being increased and that can reduce the unevenness of the brightness of a display panel. This backlight device (20) includes a substrate (22) on which a plurality of LEDs (21) are mounted and connectors (23) which are arranged on the substrate. A luminous flux in the vicinity of the connectors is higher than a luminous flux in an area other than the vicinity of the connectors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.925/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : LACTIC ACID BACTERIA AND BIFIDOBACTERIA FOR TREATING ENDOTOXEMIA

(51) International classification :A61K35/74

(31) Priority Document No :61/229,980

(32) Priority Date :30/07/2009

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

(86) International Application No :PCT/IB2010/053482

Filing Date :30/07/2010

(87) International Publication No :WO 2011/013106

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)BURCELIN, REMY

2)CARCANO, DIDIER

3)DESREUMAUX, PIERRE

4)LAHTINEN, SAMPO

5)RAUTONEN, NINA

6)PUTAALA, HELI

7)TIIHONEN, KIRSTI

8)BARRANGOU, RODOLPHE

(57) Abstract :

The invention relates to use of a bacterium selected from a lactic acid bacterium, a Bifidobacterium or a mixture of any thereof for treating metabolic endotoxemia, inhibiting bacterial translocation and regulating lipid absorption in a mammal.

No. of Pages : 55 No. of Claims : 40

(54) Title of the invention : DRIVE CONTROLLER FOR VEHICLE

(51) International classification :B60L9/18
 (31) Priority Document No :2009-180060
 (32) Priority Date :31/07/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/062956
 Filing Date :30/07/2010
 (87) International Publication No :WO 2011/013828
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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MINATO-KU, TOKYO, 107-8556 Japan

(72)Name of Inventor :

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(57) Abstract :

In a drive controller for a vehicle including: a drive source configured to output a drive force to a first axle serving as one of front and rear wheel axles; an electric motor configured to output a drive force to a second axle serving as the other of the front and rear wheel axles; a one-way power transmission device disposed on a power transmission pathway between the second axle and the electric motor so as to transmit a power drive force from the electric motor to the second axle; a two-way power transmission device that transmits a rotation power from the second axle to the electric motor or transmits the power drive force and a regeneration drive force from the electric motor to the second axle, the drive controller includes: a first detector that detects a speed of the vehicle or a rotation speed of the second axle; a target rotation speed determination section that determines a target rotation speed of the electric motor based on the speed of the vehicle or the rotation speed of the second axle; a second detector that detects a rotation speed of the electric motor; and a controller that controls the electric motor such that the rotation speed of the electric motor is synchronized with the target rotation speed and that controls an output torque of the electric motor or an activation of the two-way power transmission device, when the electric motor starts power drive or regeneration drive while the vehicle is traveling by the drive force from the drive source.

No. of Pages : 103 No. of Claims : 17

(54) Title of the invention : RURAL LIGHT TRANSPORT WAGONS OPERATING ON POTENTIAL ENERGY

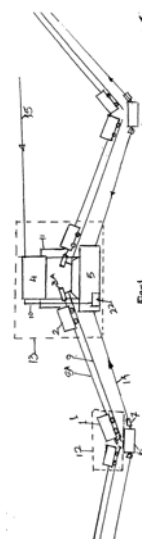
(51) International classification :B61D17/06
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AHINDRA CHANDRA CHOWDHURY

(57) Abstract :

A rural light transport wagons operating on potential energy comprising up going wagon (1) suspended from one end of a rope (8A), said rope passing over a sheave wheel (3A) and terminating on the top of another wagon (2) and one end of another rope (8B) is tied up at the bottom of the wagon (2) and warping over the first auxiliary pulley (3-i), bottom sheave pulley (3B) and again warping the auxiliary pulley (3-ii) terminating at the bottom of the wagon (1); the wheels of wagons (1&2) resting on inclined rails on the top of the vertical pillars (16) in alignment with ground profile (17) that maintains the angle of inclination (θ); there is a ground water tank (5), overhead tank (4) and a pump (22) with a delivery line (10) and outlet (11) from tank (4) in the load transfer station 13 ; a soft wire impulse line (8c) follows exactly the rope (8A) from top of the wagon (1) and terminates at top the wagon (2); there is a single water tank (6) at ground level with a pump (7) and a delivery line (14) in the load transfer station (12); the wagon (1&2) consists of two compartments one for pay load (18) and another for water (19); in coming water, pipe (!5) provided for local water input; shaft of the sheave wheel (3B) is provided with a mechanical brake system.



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

(54) Title of the invention : NAPHTHYRIDINE AND ISOQUINOLINE DERIVATIVES, PREPARATION AND THERAPEUTIC USE THEREOF

(51) International classification :A61K31/4375
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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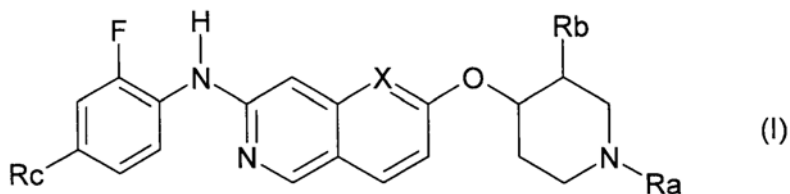
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1)DEPRETS, STÉPHANIE

(57) Abstract :

Compound of general formula (I): in which: X represents a CH group or a nitrogen atom; Ra represents a hydrogen atom, a group C1-5-alkyl, a group hydroxy-C2-5-alkyl, a group C1-5-alkoxy-C2-5-alkyl or a group fluoro-C2-5-alkyl; Rb represents a hydrogen atom or a fluorine atom; Rc represents a pyrazole ring linked to the phenyl via a carbon atom or via a nitrogen atom, the pyrazole ring being optionally substituted on a carbon atom with a hydrogen atom, a group C1-5-alkyl, a group hydroxy-C1-5-alkyl, a group C1-5-alkoxy-C1-5-alkyl, a formyl group, a group C1-5-alkoxycarbonyl, a group (mono-C1-5-alkyl)amino- C1-5-alkyl, a group (di-C1-5-alkyl)amino-C1-5-alkyl, a group amino-C1-5-alkyl or a group fluoro-C1-5-alkyl; in base form or in the form of a pharmaceutically acceptable acid- addition salt.



No. of Pages : 62 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2161/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 05/04/2013

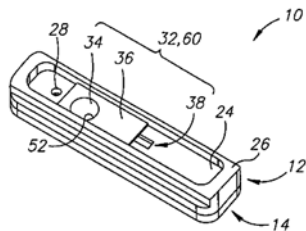
(54) Title of the invention : DRIP IRRIGATION EMITTER

(51) International classification :A01G25/02
(31) Priority Document No :61/305,552
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000154
Filing Date :14/02/2011
(87) International Publication No :WO 2011/101842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KEREN, Ron

(57) Abstract :

A drip irrigation emitter 10 receives liquid flowing in an irrigation pipe at an inlet pressure and emits the liquid out of the emitter 10 at an outlet pressure lower than the inlet pressure. The emitter comprising a flow path 20 through which the liquid flows in the emitter 10, wherein below a threshold pressure of liquid in the pipe the emitter 10 is adapted to emit a regulated flow of liquid out of the emitter 10, and above the threshold pressure of liquid in the pipe the emitter 10 is adapted to emit a non- regulated flow of liquid out of the emitter.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2162/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 05/04/2013

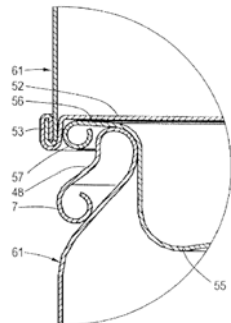
(54) Title of the invention : A METHOD AND APPARATUS FOR MAKING A CAN WITH A CURLED END, SUCH CAN AND CAN BODY

(51) International classification :B21D51/26,B21D22/02,B21D39/20
(31) Priority Document No :10075021.5
(32) Priority Date :14/01/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/050391
Filing Date :13/01/2011
(87) International Publication No :WO 2011/086123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Deventer, THE NETHERLANDS
(72)Name of Inventor :
1)YT SMA, Sybren

(57) Abstract :

The invention relates to a method and apparatus for making can (61), such as a paint can, comprising the steps of: i. providing a cylindrical body (2,36,51,65); ii. arranging piston means (19,25,44,74) in a first opening (20,60,75) of the cylindrical body for defining the diameter of the opening; iii. curling a free end (8,66) of the first opening (20,60,75) radially outwardly and axially along the cylindrical body (2,36,51,65) thereby forming a curl (47,49,57,68,70,79), such that the defined diameter of the first opening (20,60,75) is substantially circumferentially, dimensionally stable, and to the can (61) and can body (63) made.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/09/2010

(21) Application No.1033/KOL/2010 A

(43) Publication Date : 05/04/2013

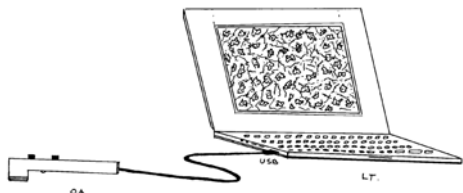
(54) Title of the invention : A PORTABLE MULTIPURPOSE OPAQUE ANALYZER

(51) International classification :A61K49/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MUKHERJEE, RAMENDRA LAL

(57) Abstract :

A portable multi-purpose opaque analyzer is disclosed which is adapted for magnification of a variety of opaque subjects involving preferably digital display such as through computer monitor, laptops and the like. Advantageously, the portable analyzer enables magnified view of subjects without the involvement of any viewing eyepiece and consequential avoiding stress and strain to the eyes. The device is handy and light weight easy to carry and use in relation to any available display means involving the usual USB connection port. The opaque analyzer is suitable for application in medical field favouring skin specialists, ENT, dentists, eye specialists, oncologists in identifying and treating variety of condition and also in various industries like textile, sugar, printing, paper, electronics, wire manufacturing, gem and diamond/jewellery industry, glass, plastics granules etc. Importantly, it can also help in identifying finger prints and other suspicious subjects. The analyzer can benefit as a tool for ready checking of authenticity of currencies and the like.



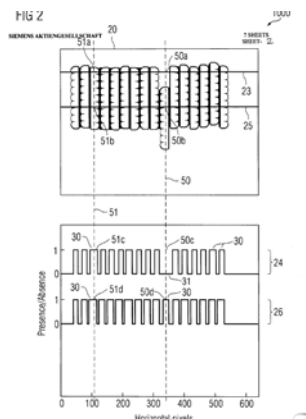
No. of Pages : 23 No. of Claims : 13

(54) Title of the invention : A METHOD AND A SYSTEM FOR ERROR DETECTION IN A SLUG OF BAKED ARTICLES

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ABHISHEK AGRAWAL
(87) International Publication No	: NA	2)ANAND MP
(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 a system for detecting error in a slug 10 of baked articles 11. The method uses an image 20 representing the slug 10 in which the error has to be detected. The image 20 has a difference in intensities 30, 31 between areas 21 of the image 20 representing side-surfaces of the baked articles 11 in the slug 10 and areas 22 of the image 20 representing regions other than side-surfaces of the baked articles 11. The method comprises a step 1000 of analyzing the image 20 for detecting the error in the slug 10, wherein an intensity from a first intensity set 24 is compared with an intensity from a second intensity set 26, wherein the intensities 30, 31 are from corresponding loci 50 and wherein the first intensity set 24 comprises intensities 30, 31 of pixels of the image 20 along a first line 23 and the second intensity set 26 comprises intensities 30, 31 of pixels of the image 20 along a second line 24. A detection of said difference in the intensities 30, 31 for the corresponding loci 50 is identified as the error.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2164/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD FOR MANUFACTURING THE HIGH STRENGTH STEEL SHEET HAVING EXCELLENT DEEP DRAWABILITY

(51) International classification:C21D9/48,C22C38/14,C22C38/38

(31) Priority Document No :2010-072268

(32) Priority Date :26/03/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/055858

Filing Date :07/03/2011

(87) International Publication No :WO 2011/118421

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)OKUDA Kaneharu

2)TANAKA Yasushi

(57) Abstract :

Disclosed is a method for obtaining a high-strength steel plate having superior deep drawing characteristics with tensile strength of 390-700 MPa and also having an r value of 1.1 or greater in the direction in which that value is lowest. A steel slab formed from a composition containing 0.0005- 0.040% C, 1.5% or less Si, 0.5 -3.0% Mn, 0.005- 0.1% P, 0.01% or less S, 0.005 -0.5% Al and 0.005% or less N by mass, and further, containing one or more of 0.5% or less Nb, 0.5% or less Ti and 0.5% or less V, is finish-rolled at a finish-rolling exit side temperature of 800°C or higher by hot rolling. Thereafter, a hot-rolled plate is obtained by winding at a temperature of 550- 720°C and cooling. A cold-rolled plate is formed by acid washing and cold-rolling this hot-rolled plate with a compression rate of 50-85%. This cold-rolled plate is annealed at an annealing temperature of 760- 950°C, and at that time, strain of 0.1- 2.0% is imparted in a temperature range from 700°C to the annealing temperature.

No. of Pages : 40 No. of Claims : 3

(54) Title of the invention : SWITCHING POWER SOURCE CIRCUIT

(51) International classification :H02M3/155
 (31) Priority Document No :JP2010-074832
 (32) Priority Date :29/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053801
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/122172
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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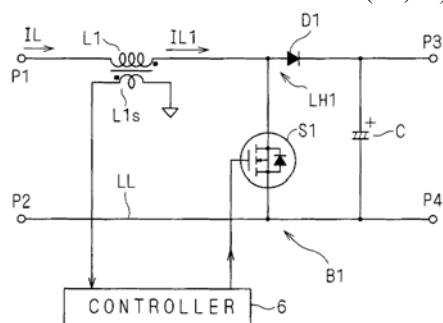
Address of Applicant :Umeda Center Building, 4-12,
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(72)Name of Inventor :

1)SAKAE Norio**2)YABUKI Toshio****3)OHSHITA Kazuhiro**

(57) Abstract :

In the disclosed interleaved power factor correction circuit, which uses a boost chopper, the tradeoff between increased efficiency and audible sound suppression is improved by means of appropriately setting the characteristics of an inductor. An inductor (L1), diode (D1), and switching element (S1), which are connected to a pathway (LH1), configure a boost circuit (B1); and an inductor (L2), diode (D2), and switching element (S2), which are each connected to a pathway (LH2), configure another boost circuit (B2). The boost circuits (B1, B2) also function as power factor correction circuits that improve the power factor of the input side. Swinging chokes are utilized as the inductors (L1,L2).



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

(54) Title of the invention : PROCESS FOR PRODUCING PISTON RINGS

(51) International classification :B23P15/06,F16J9/26
 (31) Priority Document No :10 2010 008 924.9
 (32) Priority Date :23/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2011/000119
 Filing Date :09/02/2011
 (87) International Publication No :WO 2011/103853
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

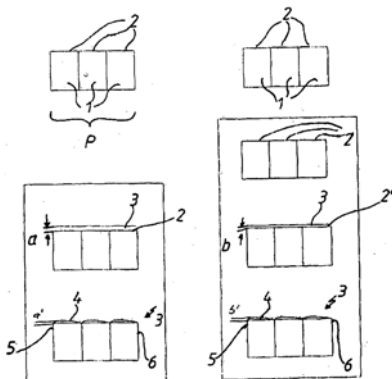
1)FEDERAL-MOGUL BURSCHEID GMBHAddress of Applicant :Bürgermeister-Schmidt-Strasse 17
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(72)Name of Inventor :

1)BÄRENREUTER, Dirk**2)KELLNER, Markus**

(57) Abstract :

A method for producing piston rings, in particular compression piston rings, in which at least one main element (1) is machined in such a way that a circumferential surface (2, 2') serving as a running surface is provided with a wear-resistant layer (3) of a predeterminable layer thickness (a, b), wherein a number of piston rings (1), in particular compression piston rings, brought together to form an assembly (P), are machined cylindrically in the region of their circumferential surface (2, 2'), a wear resistant electrodeposited layer of chrome (3) is applied to the finished machined cylindrical circumferential surface (2, 2'), so that the wear-resistant layer (3) has a constant layer thickness within the assembly as a whole, and subsequently the layer (3) is machined in such a way as to produce a running surface (4) that has a region of maximum layer thickness and at least one region of minimum layer thickness.

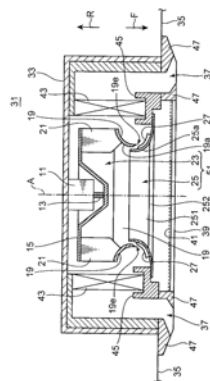


No. of Pages : 10 No. of Claims : 7

(54) Title of the invention : CENTRIFUGAL FAN

(51) International classification	:F04D29/44,F04D29/16	(71)Name of Applicant :	
(31) Priority Document No	:2010-027876	1)DAIKIN INDUSTRIES, LTD.	
(32) Priority Date	:19/02/2010	Address of Applicant :Umeda Center Bldg, 4-12, Nakazaki-	
(33) Name of priority country	:Japan	Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 530-8323, JAPAN	
(86) International Application No	:PCT/JP2011/000734	(72)Name of Inventor :	
Filing Date	:09/02/2011	1)NAGAE Takanori	
(87) International Publication No	:WO 2011/099286	2)TEI Shimei	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :
A centrifugal blower configured to minimize a reduction in the fan efficiency caused by a leakage flow at the gap between the bell mouth and the shroud. A centrifugal blower (51) is provided with an impeller (23) and a bell mouth (25). The bell mouth (25) has wall sections (27) which are arranged on the outer peripheral surface (25s) thereof in the circumferential direction at predetermined intervals and which are upstanding from the outer peripheral surface (25s). The wall sections (27) extend along the outer peripheral surface (25s) from the front (F) side to the rear (R) side in the axial direction (A) so as to be substantially parallel to the axial direction (A) and to the radial direction of the bell mouth (25).



No. of Pages : 23 No. of Claims : 4

(54) Title of the invention : SWITCHING POWER SUPPLY CIRCUIT, AND METHOD FOR CONTROL OF SWITCHING POWER SUPPLY CIRCUIT

(51) International classification :H02M3/155,H02M7/06
 (31) Priority Document No :JP2010-071916
 (32) Priority Date :26/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/057185
 Filing Date :24/03/2011
 (87) International Publication No :WO 2011/118709
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Umeda Center Building, 4-12,
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(72)Name of Inventor :

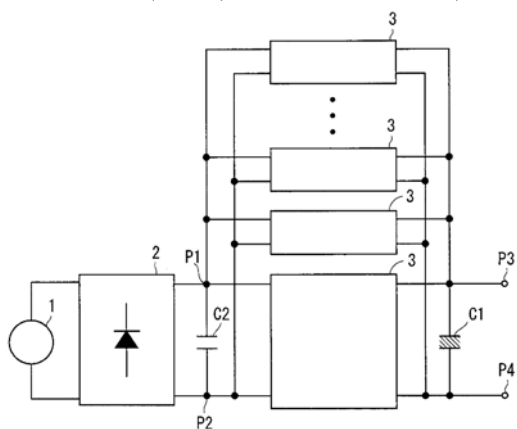
1)OHSHTA Kazuhiro

2)SAKAE Norio

3)YABUKI Toshio

(57) Abstract :

Disclosed is a switching power supply circuit having electric properties which vary depending on the variation of loads to be applied to the switching power supply circuit. A circuit (3a) comprises a reactor (L1), a diode (D11) and a switch element (S1). The reactor (L1) and the diode (D11) are connected to each other in series on a power line (LH1). The switch element (S1) is arranged between a point between the reactor (L1) and diode (D11) and a power line (LL). A circuit (3b) comprises a reactor (L2), a diode (D21) and a switch element (S2). The reactor (L2) and the diode (D21) are connected to each other in series on a power line (LH2). The switch element (S2) is arranged between a point between the reactor (L2) and diode (D21) and the power line (LL). The properties of any one of the reactor (L1,L2), the switch element (S1 S2) and the diode (D11,D21) are different from the properties of the other components.



No. of Pages : 51 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/09/2010

(21) Application No.1034/KOL/2010 A

(43) Publication Date : 05/04/2013

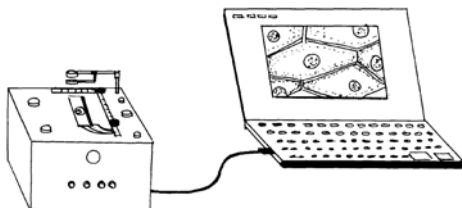
(54) Title of the invention : A PORTABLE MULTIPURPOSE MAGNIFICATION DEVICE

(51) International classification :B05D5/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)MUKHERJEE, RAMENDRA LAL

(57) Abstract :

A multipurpose magnification device and, in particular, a portable multipurpose magnification device is disclosed which would serve wide variety of magnification activities and facilitate selective changing over to suit selective mode of operation including opaque object mode, transparent/semi-transparent mode, UV mode, metallurgy mode and polarizer mode. Advantageously, therefore, the magnification device of the invention would be effective in achieving magnified view of variety of subjects by using the appropriate mode of its operation which would enable diverse and cost-effective application of the device for magnification purposes. Importantly, the magnification device of the invention is adapted for operative connection to any display monitor for clear enlarged viewing of the magnified image on the monitor through the naked eye without straining of the eye as experienced during viewing through eye pieces and the like in conventional microscope and like.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1283/KOL/2011 A

(19) INDIA

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

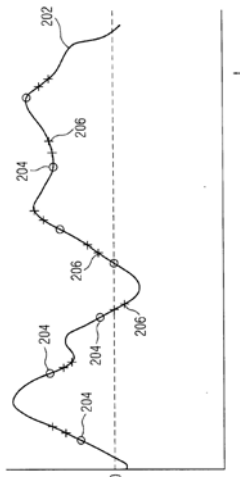
(43) Publication Date : 05/04/2013

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

(51) International classification	:H03M7/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARUN AKUR VENKATESAN
(87) 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 system and method for compressed sensing. A combined set of sampling operations is configured for sampling a signal. The combined set of sampling operations includes a first set of sampling operations and a second set of sampling operations. The first set of sampling operations is generated on a random basis. The second set of sampling operations corresponds to at least one sampling operation in the first set of sampling aporations, such that at least one sampling operations cluster is formed. The combined set of samples is transformed to a representation basis. An estimated signal is reconstructed based on the combined set of samples in the representation basis.



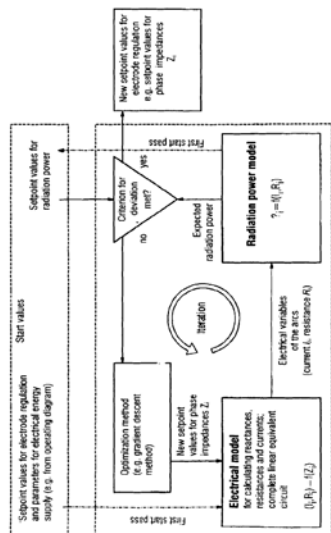
No. of Pages : 28 No. of Claims : 15

(54) Title of the invention : METHOD FOR OPERATING AN ARC FURNACE, CONTROL AND/OR REGULATING DEVICE FOR AN ARC FURNACE, AND ARC FURNACE

(51) International classification	:H05B7/148	(71)Name of Applicant :	
(31) Priority Document No	:10001823.3	1)SIEMENS AKTIENGESELLSCHAFT	
(32) Priority Date	:23/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München	
(33) Name of priority country	:EPO	GERMANY	
(86) International Application No	:PCT/EP2011/051409	(72)Name of Inventor :	
Filing Date	:01/02/2011	1)DITTMER, Björn	
(87) International Publication No	:WO 2011/104071	2)KRÜGER, Klaus	
(61) Patent of Addition to Application Number	:NA	3)DÖBBELER, Arno	
Filing Date	:NA	4)LEADBETTER, Sascha	
(62) Divisional to Application Number	:NA	5)MATSCHULLAT, Thomas	
Filing Date	:NA	6)RIEGER, Detlef	

(57) Abstract :

The invention relates to an arc furnace, a control and/or regulating device for an arc furnace, and a method for operating an arc furnace, wherein an arc for melting metal is generated with at least one electrode, wherein an arc which is associated with the at least one electrode has a first radiation output based on a first set of operating parameters which is set, wherein the arc furnace is operated in accordance with a predefined operating program which is based on an expected process sequence wherein monitoring is performed to check whether there is an undesired deviation between the actual process sequence and the expected process sequence. Since a changed second radiation output is predefined when there is a deviation, and a changed second set of operating parameters, in particular at least one impedance value, is ascertained on the basis of the changed second radiation output, a method can be provided which allows the shortest possible melting period to be achieved while protecting the operating means, in particular the arc furnace cooling system.



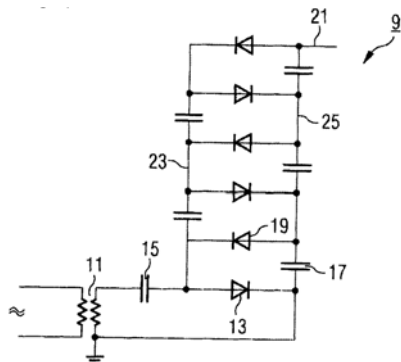
No. of Pages : 28 No. of Claims : 14

(54) Title of the invention : DC HIGH-VOLTAGE SOURCE AND PARTICLE ACCELERATOR

(51) International classification	:H05H5/04,H05H5/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 008 995.8	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:24/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/051468	(72)Name of Inventor :
Filing Date	:02/02/2011	1)HEID, Oliver
(87) International Publication No	:WO 2011/104082	
(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 DC high voltage source comprising: a capacitor stack having a first electrode (37), which can be brought to a first potential, having a second electrode (39), which is arranged concentrically with respect to the first electrode (37) and can be brought to a second potential that is different from the first potential, having at least one intermediate electrode (33), which is arranged concentrically between the first electrode (37) and the second electrode (39) and which can be brought to an intermediate potential that is between the first potential and the second potential a switching device (35) for charging the capacitor stack, to which switching device the electrodes (33, 37, 39) of the capacitor stack are connected and which is designed such that upon operation of the switching device (35) the electrodes (33, 37, 39) of the capacitor stack that are arranged concentrically with respect to each other can be brought to increasing potential levels wherein the switching device (35) of the capacitor stack comprises electron tubes (63), in particular controllable electron tubes. Furthermore, the invention relates to a particle accelerator comprising such a DC high voltage source.



No. of Pages : 66 No. of Claims : 11

(54) Title of the invention : PACKAGING

(51) International classification :B65D83/00,B65D47/20
 (31) Priority Document No :10 2010 009 101.4
 (32) Priority Date :24/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2011/000149
 Filing Date :18/02/2011
 (87) International Publication No :WO 2011/103856
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GAPLAST GMBH

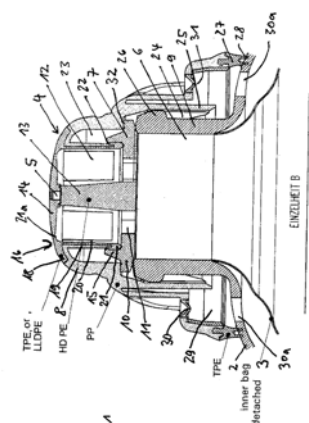
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(72)Name of Inventor :

1)KNEER, Roland**2)KELLER, Alexander**

(57) Abstract :

The packaging comprising an essentially dimensionally stable, elastically deformable external container, an easily deformable inner bag arranged therein, which receives the filling material, and a valve, is characterized in that the valve comprises a base body which extends over the opening of the external container and comprises at least one through opening for the filling material and a pin oriented away from the external container, and a cap which is fastened to the neck of the external container and covers the base body and the upper end wall of which is formed by a membrane which delimits a receiving chamber for the filling material between the cap and the base body and comprises an outlet opening for the filling material which in the unpressurized state of the packaging is closed by the pin in that the membrane with the area containing the outlet opening rests under preload on the pin, the membrane being lifted from the pin upon exertion of pressure on the external container by the pressurized filling material contained in the receiving chamber, so that filling material can exit, and that the cap comprises an air chamber which is separated from the receiving chamber for the filling material and sealed relative to the receiving chamber and the external container and which is connected via at least one hole through the wall of the external container to the intermediate chamber between the external container and the inner bag and via at least one venting valve to the exterior atmosphere.



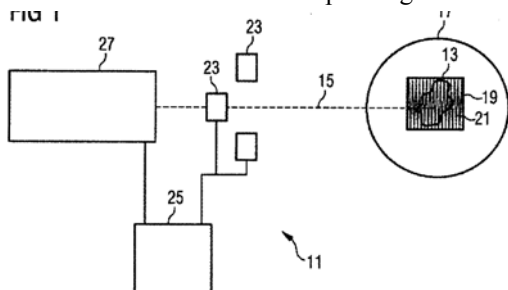
No. of Pages : 16 No. of Claims : 10

(54) Title of the invention : IRRADIATION APPARATUS AND IRRADIATION METHOD FOR DEPOSITING A DOSE IN A TARGET VOLUME

(51) International classification	:G21K5/04,A61N5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 009 010.7	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:24/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/051465	(72)Name of Inventor :
Filing Date	:02/02/2011	1)HEID, Oliver
(87) International Publication No	:WO 2011/107313	
(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 irradiation apparatus (11) for depositing a dose distribution in a target volume (13) to be irradiated, comprising: -an accelerator device (27) for supplying a particle beam (15) in order to irradiate the target volume (13); -a scanning device (25, 23) for modifying a property of the particle beam (15) such that the particle beam (15) is successively directed to different locations in a preset scanning volume (19) and is thus scanned over the scanning volume (19) during operation of the irradiation apparatus (11). The scanning device (25, 23) is designed to: -scan the scanning volume (19) along a defined scanning path (21) set independently of the target volume (13); and -adjust the dose distribution to be deposited in the target volume (13) by modulating an intensity of the particle beam (15) when the particle beam (15) is scanned along the scanning path (21). The invention further relates to an irradiation method corresponding to the irradiation apparatus.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2178/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER

(51) International classification :C07K16/18,A61K39/395,A61P35/00
(31) Priority Document No :2010-023452
(32) Priority Date :04/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052384
Filing Date :04/02/2011
(87) International Publication No :WO 2011/096519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)OKANO, Fumiyoshi
2)SAITO, Takanori

(57) Abstract :

Disclosed is use of an antibody which targets an identified cancer antigen protein specifically expressed on the surface of cancer cells, as a therapeutic and/or prophylactic agent for cancer. Specifically disclosed is a medicinal composition for treating and/or preventing cancer characterized by containing as the active ingredient, an antibody, which comprises a heavy chain variable region comprising SEQ ID NOS:39, 40 and 41 and a light chain variable region comprising SEQ ID NOS:43, 44 and 45 and is immunologically reactive with CAPRIN-1 protein, or a fragment of said antibody.

No. of Pages : 61 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/08/2012

(21) Application No.2179/KOLNP/2012 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : COMPOUNDS CONTAINING PERFLUOROALKYL-CYANO-ALKOXY-BORATE ANIONS OR PERFLUOROALKYL-CYANO-ALKOXY-FLUORO-BORATE ANIONS

(51) International classification :C07F5/02,H01G9/20,H01M10/0561
(31) Priority Document No :10000407.6
(32) Priority Date :18/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/000091
Filing Date :12/01/2011
(87) International Publication No :WO 2011/085967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAWATA Kentaro
3)YOSHIZAKI Hiroki
4)KIRSCH Peer
5)IGNATYEV Nikolai (Mykola)
6)PITNER William-Robert
7)SCHULTE Michael
8)SPRENGER Jan
9)FINZE, Maik
10)FRANK, Walter

(57) Abstract :

The present invention relates to compounds containing perfluoroalkyl-cyano-alkoxy-borate anions or perfluoroalkyl-cyano-alkoxy-fluoro-borate anions, ((per)fluoro)phenyl-cyano-alkoxy-borate anions or ((per)fluoro)phenyl-cyano-alkoxy-fluoro-borate anions or phenyl-cyano-alkoxy-borate anions which are monosubstituted or disubstituted with perfluoroalkyl groups having 1 to 4 C atoms or phenyl-cyano-alkoxy-fluoro-borate anions which are monosubstituted or disubstituted with perfluoroalkyl groups having 1 to 4 C atoms, the preparation thereof and the use thereof, in particular as part of electrolyte formulations for dye sensitized solar cells.

No. of Pages : 81 No. of Claims : 15

(54) Title of the invention : METHOD FOR COOLING SHEET METAL BY MEANS OF A COOLING SECTION, COOLING SECTION AND CONTROL AND/OR REGULATION DEVICE FOR A COOLING SECTION

(51) International classification :B21B37/76,C21D11/00,C21D1/667
 (31) Priority Document No :10154802.2
 (32) Priority Date :26/02/2010
 (33) Name of priority country:EPO
 (86) International Application No:PCT/EP2011/051663
 Filing Date :04/02/2011
 (87) International Publication No :WO 2011/104103
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)WEINZIERL, Klaus

(57) Abstract :

The invention relates to a cooling section, to a control device for a cooling section, to a machine-readable program code, to a storage medium and to a method for cooling sheet metal (B) by means of a cooling section. The cooling section has a plurality of coolant dispensing devices (2) for cooling an upper sheet metal face and a plurality of coolant dispensing devices (2) for cooling a lower sheet metal face. By means of the cooling a predefined target state of the sheet metal is achieved at a reference point at and/or after the exit from the cooling section, wherein coolant dispensing for a first and a second coolant dispensing device is determined wherein the first and the second coolant dispensing devices are arranged opposite the sheet metal. Because the coolant dispensing for the first and second coolant dispensing devices (2) is determined on the basis of a predefined flow of heat to be dissipated from the sheet metal side (O, U) that faces the respective coolant dispensing device (2), wherein a temperature, in particular surface temperature (To, Tu), of the respective sheet metal side (O, U) is taken into account for the respective flow of heat to be dissipated, the flatness of plate that is produced can be increased further with a simultaneously high throughput of the plate rolling train.

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

(54) Title of the invention : MEDICAL EXAMINATION AND/OR TREATMENT DEVICE

(51) International classification :A61B5/05,G01S1/70,A61B19/00
 (31) Priority Document No :10 2010 010 192.3
 (32) Priority Date :04/03/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/053256
 Filing Date :04/03/2011
 (87) International Publication No :WO 2011/107575
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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1)SIEMENS AKTIENGESELLSCHAFT

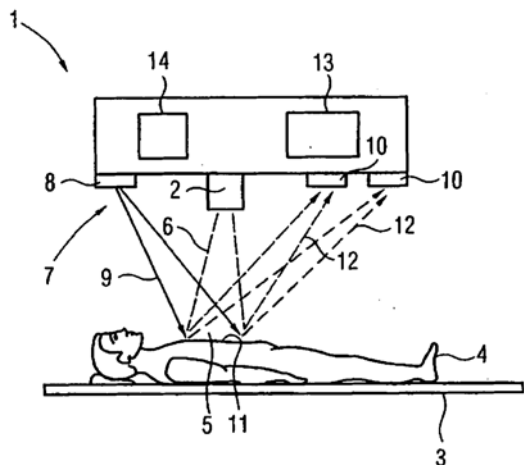
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(72)Name of Inventor :

1)BEASLEY, Paul**2)HEID, Oliver****3)HUGHES, Timothy**

(57) Abstract :

The invention relates to a medical examination and/or treatment device for performing image acquisitions and/or radiation- or instrument based treatments in an examination or treatment region, comprising an image acquisition means and/or a treatment means and a patient table wherein a detection means (7) for determining the position of a patient (4) located on the patient table (3) is provided, the detection means comprising a radiation emitter (8) which irradiates the patient (4) in at least one region and emits terahertz radiation (9), at least one radiation receiver (10) detecting reflected terahertz radiation (12), and a processing means (13) processing the receiver signals supplied by the radiation receiver (10), wherein the processing means (13) can generate an image showing the surface of the irradiated patient region on the basis of the receiver signals and the position of the patient region relative to the examination or treatment region (5) can be determined on the basis of said image.



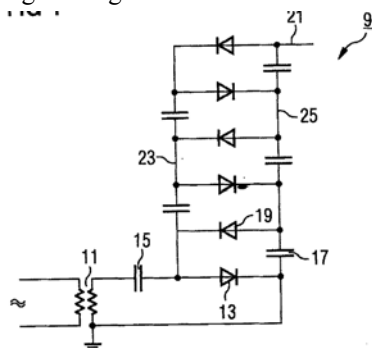
No. of Pages : 17 No. of Claims : 9

(54) Title of the invention : DC HIGH VOLTAGE SOURCE AND PARTICLE ACCELERATOR

(51) International classification	:H05H5/04,H05H5/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 008 992.3	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:24/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/051463	(72)Name of Inventor :
Filing Date	:02/02/2011	1)HEID, Oliver
(87) International Publication No	:WO 2011/104078	2)HUGHES, Timothy
(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 DC high voltage source (81) comprising: a capacitor stack having a first electrode (37), which can be brought to a first potential, having a second electrode (39), which is arranged concentrically with respect to the first electrode and can be brought to a second potential that is different from the first potential, having a plurality of intermediate electrodes (33) which are arranged concentrically with respect to each other and which are arranged concentrically between the first electrode (37) and the second electrode (39) and can be brought to a sequence of increasing potential levels that are between the first potential and the second potential, a switching device (35) to which the electrodes (33, 37, 39) of the capacitor stack are connected and which is designed such that during operation of the switching device (35) the electrodes (33, 37, 39) of the capacitor stack that are arranged concentrically with respect to each other can be brought to the increasing potential levels, wherein the distance of the electrodes (33, 37, 39) of the capacitor stack decreases toward the central electrode (37). Furthermore the invention relates to an accelerator comprising such a DC high voltage source.



No. of Pages : 55 No. of Claims : 13

(54) Title of the invention : ELECTROLYTE FORMULATIONS

(51) International classification :C07F5/02,H01G9/20,H01M10/0561

(31) Priority Document No :10000405.0

(32) Priority Date :18/01/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/000089

Filing Date :12/01/2011

(87) International Publication No :WO 2011/085965

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)MERCK PATENT GMBH

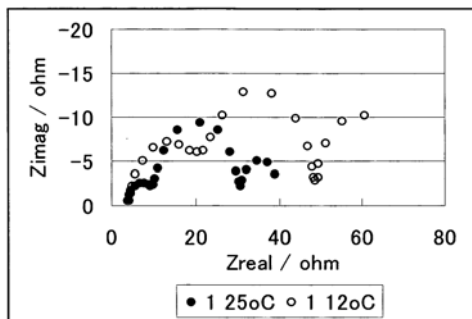
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(57) Abstract :

The present invention relates to electrolyte formulations comprising at least one compound of formula (I) $\text{Ma}^+ [\text{B}(\text{Rf})(\text{CN})_x(\text{F})_y]_a$ (I) in which Ma^+ is an inorganic or organic cation, Rf denotes straight-chain or branched perfluoroalkyl groups having 1 to 4 C atoms, C_6F_5 , C_6H_5 , partially fluorinated phenyl or phenyl which is monosubstituted or disubstituted by perfluoroalkyl groups having 1 to 4 C atoms, a is 1 or 2, x is 1, 2 or 3, y is 0, 1 or 2 and $x+y$ is 3 and/or their use in an electrochemical and/or optoelectronic device such as a photovoltaic cell, a capacitor, a light emitting device, an electrochromic or photo-electrochromic device, an electrochemical sensor and/or biosensor, preferably their use in a dye or quantum dot sensitized solar cell.



No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2187/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PACKAGING

(51) International classification :B65D83/00,B65D47/20
(31) Priority Document No :102010009102.2
(32) Priority Date :24/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/000146
Filing Date :18/02/2011
(87) International Publication No :WO 2011/103855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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1)KNEER, Roland

2)KELLER, Alexander

(57) Abstract :

The invention relates to packaging having an essentially dimensionally stable, elastically deformable external container in which an easily deformable inner bag receiving the filling goods is arranged, and a valve. Said packaging is characterised in the fact that the valve comprises: a base body which extends over the opening of the external container, said base body comprising at least one through opening for the filling goods and a valve maintaining element in which a valve body, which comprises an elastically deformable separating wall and which tightly seals the valve maintaining element, is fixed, and a valve journal pointing away from the external container. Said separating wall together with the valve maintaining element delimits an air Chamber, also comprising a cap covering the base body and the valve body secured to the neck of the external container, said cap delimiting a receiving Chamber for the filling goods between the cap and the base body and has an outlet for the filling goods. When the packing is in the unpressurised State, said outlet is closed by the valve journal which is applied, by pre-stress of the elastically deformable separating wall on which the area of the cap contains the outlet. When pressure is applied to the external container, the valve journal is separated from the cap by the pressurised filling goods in the receiving Chamber so that the filling goods can exit. The packaging is characterised in that the cap comprises an air Chamber separated by the receiving Chamber for the filling goods, and sealed with respect to the receiving Chamber and the external container, said air Chamber is connected to the intermediate Chamber between the external container and the inner container by means of at least one hole through the wall of the external container and to the exterior atmosphere by means of at least one aeration valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2188/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR COOL DRYING A GAS

(51) International classification :B01D53/26
(31) Priority Document No :2010/0122
(32) Priority Date :24/02/2010
(33) Name of priority country :Belgium
(86) International Application No :PCT/BE2011/000008
Filing Date :21/02/2011
(87) International Publication No :WO 2011/116434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)BALTUS Frits Cornelis A.

(57) Abstract :

Method for cool drying gas by means of a cooling element with an evaporator (3) and means for determining the evaporator temperature and for measuring the lowest gas temperature with the following steps: determining the load of the cooling circuit on the basis of the evaporator temperature and the lowest gas temperature; calculating a desired value for the evaporator temperature that is required to cool the gas supplied to a set lowest gas temperature, taking account of the aforementioned load; controlling of the speed of the compressor (4) to make the evaporator temperature equal to the aforementioned desired value.

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

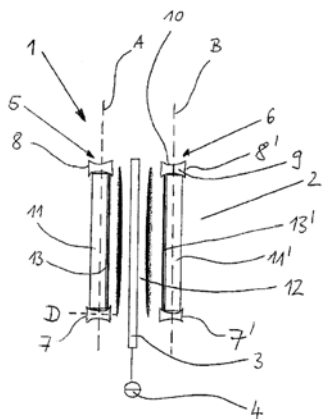
(54) Title of the invention : DEVICE AND METHOD FOR SUBSTRATE PROCESSING

(51) International classification :C03C17/00,B65G49/00,C23C16/54
 (31) Priority Document No :10154992.1
 (32) Priority Date :01/03/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/052575
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/107373
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
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 (72)Name of Inventor :
1)HARTWICH, Jessica
2)KARG, Franz

(57) Abstract :

The present invention relates to a device for processing substrates in a processing system having at least one process tool disposed in at least one process area, said tool comprising two substrate levels disposed opposite each other and aligned at least approximately perpendicular, wherein the device is adapted for processing at least two substrates at the same time in the process area by means of the process tool, wherein the substrates can be disposed in the substrate levels so that coatings of the substrates face each other and a quasi closed process space is formed between the substrates at least during processing. The invention further relates to a method for processing coated substrates in a processing system, wherein the substrates comprise coatings and the substrates are each disposed opposite each other, such that the coatings of the substrates face each other and a quasi closed process space is formed between the substrates at least during processing.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2183/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

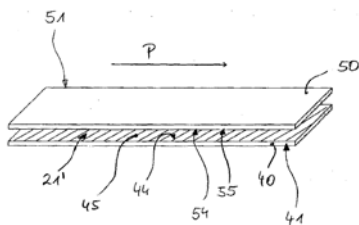
(54) Title of the invention : ARRANGEMENT, SYSTEM, AND METHOD FOR PROCESSING MULTILAYER BODIES

(51) International classification :H01L21/673
(31) Priority Document No :10154370.0
(32) Priority Date :23/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052581
Filing Date :22/02/2011
(87) International Publication No :WO 2011/104222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PALM, Jörg
3)FÜRFANGER, Martin

(57) Abstract :

The invention relates to a multilayer body arrangement comprising at least two multilayer bodies, each having at least one surface to be processed, and at least one device for positioning the multilayer bodies, wherein the device is implemented such that each of the surfaces to be processed are opposite each other and thus form a semi-closed process space disposed between the surfaces, in which the processing takes place. The invention further relates to a system for processing multilayer bodies having such a multilayer body arrangement, and a method for processing multilayer bodies wherein the multilayer bodies are disposed such that the surfaces to be processed are opposite each other and thus form a semi-closed process space disposed between the surfaces, in which the processing takes place.



No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2184/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

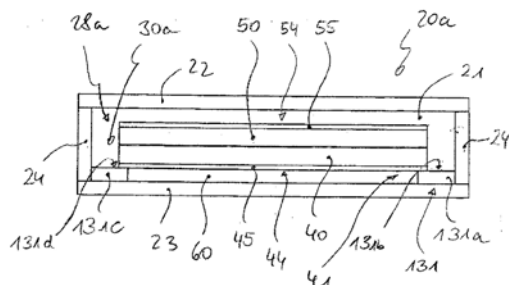
(54) Title of the invention : DEVICE FOR FORMING A REDUCED CHAMBER SPACE, AND METHOD FOR POSITIONING MULTILAYER BODIES

(51) International classification :H01L21/673
(31) Priority Document No :10154363.5
(32) Priority Date :23/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052597
Filing Date :22/02/2011
(87) International Publication No :WO 2011/104231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FÜRFANGER, Martin
3)HARTWICH, Jessica
4)JOST, Stefan

(57) Abstract :

The invention relates to a device for forming a reduced chamber space, such as a process box or a process hood, comprising an apparatus for positioning at least two multilayer bodies each having at least one surface to be processed, wherein the apparatus is designed so that the multilayer bodies are opposite each other, wherein the surfaces to be processed are facing away from each other so that the multilayer bodies can be processed as a multilayer body arrangement in a processing system. The invention further relates to a method for positioning at least two multilayer bodies each having at least one surface to be processed according to which method the two multilayer bodies are arranged in such a device for forming a reduced chamber space such that the multilayer bodies are opposite each other, wherein the surfaces to be processed are facing away from each other, so that the at least two objects can be processed as a multilayer body arrangement in a processing system.



No. of Pages : 40 No. of Claims : 16

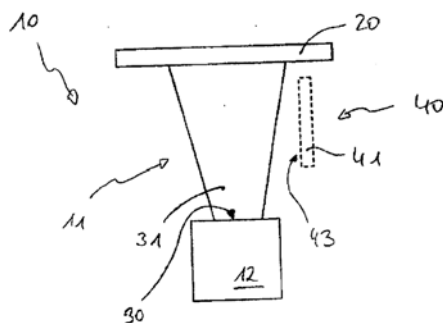
(54) Title of the invention : DEVICE AND METHOD FOR PRECIPITATING A LAYER ON A SUBSTRATE

(51) International classification :C23C14/06,C23C14/56,C23C16/44
 (31) Priority Document No :10154378.3
 (32) Priority Date :23/02/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/052609
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/104235
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)PALM, Jörg
2)POHLNER, Stephan
3)JOST, Stefan
4)HAPP, Thomas

(57) Abstract :

The invention relates to a device for precipitating a layer made of at least two components onto an object (20), having a precipitation chamber (11) for disposing the object, at least one source (12) having material to be precipitated, and at least one device (40) for controlling the precipitation process, implemented such that the concentration of at least one component of the material to be precipitated can be modified in the gas phase thereof prior to precipitating on the substrate by selectively binding a particular quantity of the at least one component, wherein the selectively bound quantity of the at least one component can be controlled by modifying at least one control parameter actively coupled to a binding rate for the component. The invention further relates to a device for precipitating a layer made of at least two components onto an object wherein a device for controlling the precipitation process comprises at least one gettering element made of a reactive material, wherein the reactive material comprises copper and/or molybdenum. The invention further relates to a method for precipitating a layer made of at least two components onto an object, wherein a selectively bound quantity of at least one component is controlled by modifying a binding rate of a device for controlling the precipitating process.



No. of Pages : 34 No. of Claims : 15

(54) Title of the invention : ACCELERATOR FOR CHARGED PARTICLES

(51) International classification :H05H5/02,H05H5/04,H05H5/06
 (31) Priority Document No :10 2010 008 991.5
 (32) Priority Date :24/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/051462
 Filing Date :02/02/2011
 (87) International Publication No:WO 2011/104077
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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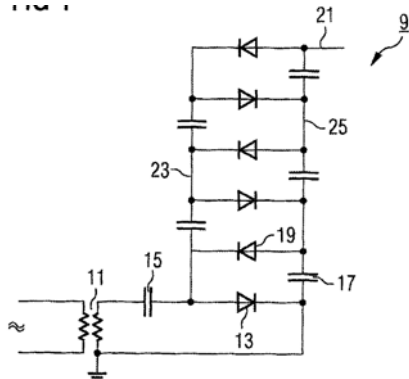
Address of Applicant :Wittelsbacherplatz 2, 80333 München GERMANY

(72)Name of Inventor :

1)HEID, Oliver

(57) Abstract :

The invention relates to an accelerator for charged particles, comprising: -a capacitor stack which includes a first electrode that can be brought to a first potential, a second electrode that is concentric to the first electrode and can be brought to a second potential differing from the first potential, and at least one intermediate electrode that is concentrically arranged between the first electrode and the second electrode and can be brought to an intermediate potential lying between the first potential and the second potential;- a switching device to which the electrodes of the capacitor stack are connected and which is designed such that the concentric electrodes of the capacitor stack can be brought to increasing potential stages during operation of the switching device; a first and a second acceleration channel formed by first and second openings in the electrodes of the capacitor stack such that charged particles can be accelerated along the first and second acceleration channel by means of the electrodes; and -a device which can influence the accelerated particle beam within the capacitor stack such that photons emitted by the particle beam are produced.



No. of Pages : 55 No. of Claims : 10

(54) Title of the invention : SYMBOL INDICATOR

(51) International classification :G09F9/33,G09F13/22
 (31) Priority Document No :10 2010 009 432.3
 (32) Priority Date :24/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/052521
 Filing Date :21/02/2011
 (87) International Publication No :WO 2011/104206
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

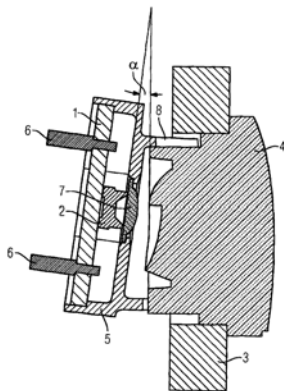
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1)ECKL, Rolf**2)FROST, Uwe****3)KÖSTER, Kay****4)OERTEL, Jan**

(57) Abstract :

The invention relates to a symbol indicator, in particular for rail-bound traffic routes, comprising LED modules (1) for the pixelated far and near field representation of the symbol, and optical elements which are associated with the LED modules (1) which are arranged on a front plate (3). The aim of the invention is to produce different symbols using only a few optical and mechanical elements and to effectively protect against incident extraneous light on said indicator, such that the LED modules (1) respectively comprise an LED (2) and that the optical elements are embodied as collimator lenses (4) having a first spherical surface for the far field representation of the indicator and a second spherical surface for the near field representation of the indicator. The entire surface of the front plate (3) is provided with collimator lenses (4) and symbol-specific required pixels are produced by the LED modules (1).



No. of Pages : 11 No. of Claims : 5

(54) Title of the invention : BATH DEPOSITION SOLUTION FOR THE WET-CHEMICAL DEPOSITION OF A METAL SULFIDE LAYER AND RELATED PRODUCTION METHODS

(51) International classification :C23C18/12,H01L21/02
 (31) Priority Document No :10 2010 006 499.8
 (32) Priority Date :28/01/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/051117
 Filing Date :27/01/2011
 (87) International Publication No :WO 2011/092236
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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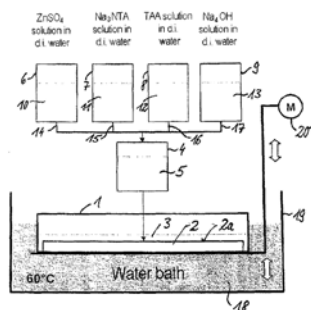
2)HARIS KOS, Dimitrios

3)KOLB, Torsten

4)SCHNELL, Bettina

(57) Abstract :

The invention relates to a bath deposition solution for the wet-chemical deposition of a metal sulfide layer, to a method for producing such a bath deposition solution, and to a method for producing a metal sulfide layer on a substrate using such a bath deposition solution. A bath deposition solution according to the invention contains a metal salt an organosulfide a chelate complexing agent which forms a chelate complex with metal ions of the metal salt and ammonium hydroxide. The invention further relates to the use, for example for the wet-chemical deposition of ZnS buffer layers on absorber layers during the manufacture of photovoltaic thin-film components.



No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/08/2012

(21) Application No.2193/KOLNP/2012 A

(43) Publication Date : 05/04/2013

(54) Title of the invention : ROPE HOIST

(51) International classification :B66D1/16,B66D1/40,B66D5/34
(31) Priority Document No :10 2010 009 357.2-22
(32) Priority Date :25/02/2010
(33) Name of priority country :Germany
(86) International Application No:PCT/IB2011/050583
Filing Date :11/02/2011
(87) International Publication No :WO 2011/104650
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(FI), Finland
(72)**Name of Inventor :**
1)HORNDACHER, Norbert
2)KITTSTEINER, Peter
3)ZINIC, Ivica

(57) Abstract :

A cable pull is provided with an emergency braking device. The emergency braking device comprises a gearwheel group driven via the cable drum. One of the two gearwheels is scanned by a scanning lever of an armature. The other end of the armature cooperates with a ratchet wheel of the gearwheel group. As soon as overspeed occurs, the armature catches the ratchet wheel and causes a rotational movement of the carrier on which the armature is seated. Said rotational movement is used to trigger a mechanical braking device which is coupled to the cable drum.

No. of Pages : 23 No. of Claims : 14

(54) Title of the invention : WATERMARK GENERATOR, WATERMARK DECODER, METHOD FOR PROVIDING A WATERMARK SIGNAL IN DEPENDENCE ON BINARY MESSAGE DATA, METHOD FOR PROVIDING BINARY MESSAGE DATA IN DEPENDENCE ON A WATERMARKED SIGNAL AND COMPUTER PROGRAM USING A DIFFERENTIAL ENCODING

(51) International classification :G10L19/00
 (31) Priority Document No :10154964.0
 (32) Priority Date :26/02/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/052614
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/104239
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

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(72)Name of Inventor :

1)WABNIK, Stefan

2)PICKEL, Jörg

3)GREEVENBOSCH, Bert

4)GRILL, Bernhard

5)EBERLEIN, Ernst

6)DEL GALDO, Giovanni

7)KRÄGELOH, Stefan

8)ZITZMANN, Reinhard

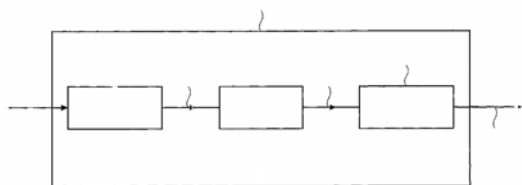
9)BLIEM, Tobias

10)BREILING, Marco

11)BORSUM, Juliane

(57) Abstract :

A watermark generator (2400) for providing a watermark signal (2420) in dependence on binary message data (2410), comprises an information processor (2430) configured to provide, in dependence on information units of the binary message data a first time frequency domain representation (2432), values of which represent the binary message data. The watermark generator also comprises a differential encoder (2440) configured to derive a second time- frequency domain representation (2442) from the first time-frequency-domain representation, such that the second time-frequency-domain representation comprises a plurality of values, wherein a difference between two values of the second time-frequency-domain representation represents a corresponding value of the first-time-frequency-domain representation, in order to obtain a differential encoding of the values of the first time-frequency-domain representation. The watermark generator also comprises a watermark signal provider (2450) configured to provide the watermark signal on the basis of the second time-frequency-domain representation.



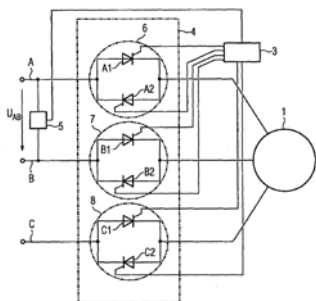
No. of Pages : 90 No. of Claims : 20

(54) Title of the invention : DEVICE FOR OPERATING SYNCHRONOUS MOTORS AND ASSOCIATED METHOD

(51) International classification	:H02P27/16,H02P27/02	(71)Name of Applicant :
(31) Priority Document No	:10 2010 008 814.5	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:22/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2010/067930	(72)Name of Inventor :
Filing Date	:22/11/2010	1)BENECKE, Marcel
(87) International Publication No	:WO 2011/101051	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The synchronous motors are controlled by a three-phase AC power controller. According to the invention, firing points for the AC power controller are determined. A pair of two or three phases is determined from the angular position of the rotor, for which the firing points can be present for the respective A.C power controller. Actual firing points are determined from the mains voltage phase position of said phases so that only positive torque is produced.



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

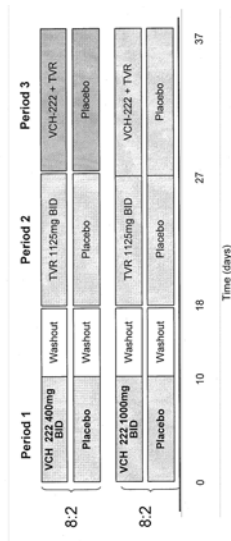
(54) Title of the invention : THERAPIES FOR TREATING HEPATITIS C VIRUS INFECTION

(51) International classification :A61K31/454,A61K31/4535,A61P1/16
 (31) Priority Document No :61/299,643
 (32) Priority Date :29/01/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/022854
 Filing Date :28/01/2011
 (87) International Publication No :WO 2011/094489
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
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2)CHAURET, Nathalie
3)GEORGE, Shelley
4)KIEFFER, Tara, Lynn
5)KOZIEL, Margaret, James
6)NICOLAS, Olivier
7)PROULX, Louise

(57) Abstract :

A method of improving the pharmacokinetics of VX-222 in a patient infected with HCV comprises co- administering VX-222 and VX-950 to the patient. A method of treating a patient infected with HCV comprises administering VX-222 and VX-950 to the patient, wherein VX-222 is in an amount of about 20 mg to about 400 mg, and wherein VX-950 is in an amount of about 100 mg to about 1,500 mg. A method of treating a patient infected with HCV comprises administering a therapeutically effective amount of VX-222, wherein VX-222 is administered at an amount of about 20 mg to about 2,000 mg once a day.



No. of Pages : 85 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2202/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : STRUCTURE FOR REDUCING A FLOW RESISTANCE OF A BODY IN A FLUID

(51) International classification :B64C21/10
(31) Priority Document No :100/10
(32) Priority Date :28/01/2010
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2011/000010
Filing Date :28/01/2011
(87) International Publication No :WO 2011/091546
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FEUSI, Marco
Address of Applicant :Casella 227 CH-6934 Bioggio
SWITZERLAND
(72)**Name of Inventor :**
1)FEUSI, Marco

(57) Abstract :

The invention relates to a body (10) having at least one surface (12) over which a fluid (30) can flow, said surface having a global course that defines a main flow direction (14) over the surface (12). The surface (12) at least partially has a structure for reducing a flow resistance of the body (10), the structure having at least one recess (16.2...16.3) provided with a substantially circle-segment-shaped cross-section for inducing a fluid eddy (26.2...26.3). The body is characterized in that the structure has at least one lead-in section (18.2...18.3), which is angled from the main flow direction in the direction of the recess (16.2...16.3) and which is arranged upstream of the recess (16.2...16.3) in the main flow direction, for leading a fluid flow (24) into the recess (16.2...16.3). By means of the structure, a fluid eddy (26.2...26.3) can be induced within the recess (16.2...16.3) and can be localized substantially within the recess (16.2...16.3).

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2196/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : A METHOD FOR SURFACE TREATMENT OF A DIE-CASTING DIE

(51) International classification :C23C8/24,C23C8/26,C23C8/28
(31) Priority Document No :2010-109299
(32) Priority Date :11/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061462
Filing Date :11/05/2011
(87) International Publication No :WO 2011/142479
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SINTOKOGIO, LTD.
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(72)Name of Inventor :
1)HIRAOKA, Yasushi
2)KOBAYASHI, Yuji

(57) Abstract :

The present invention is to provide a method for surface treatment that substantially provides no nitride compound layer that causes heat checks and abrasion to a die, while nitride is introduced in large quantities into the die internally, and as a result a die-casting die with excellent heat check resistance and excellent abrasion resistance can be produced. The method comprises a step of a nitriding process for forming on an aesthetic surface of the die-casting die a nitrided layer that includes at least a compound layer composed of a nitrogen compound by introducing gas containing at least ammonia gas to a heating furnace, a step of decomposing the compound by exhausting the ammonia gas from the heating furnace and for introducing ambient gas to the heating furnace, to carry out a thermal process to decompose the nitrogen compound, and a step of processing a shot peening process on the aesthetic surface of the die. The thickness of the compound layer contained in the nitrogen layer that is formed in the step of nitriding process is within the range of from 2/^μm to 7/^μm.

No. of Pages : 34 No. of Claims : 2

(54) Title of the invention : ANTIBODY AGAINST SEROTYPE E LIPOPOLYSACCHARIDE OF PSEUDOMONAS AERUGINOSA

(51) International classification :C12N15/09,A61K39/395,A61P31/04
 (31) Priority Document No :2010-033429
 (32) Priority Date :18/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/054223
 Filing Date :18/02/2011
 (87) International Publication No :WO 2011/102551
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)ANDERSEN, Peter Sejer

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4)INABA, Tsuneyoshi

5)OTSUKA, Keiko

6)AKABANE, Hirotomo

7)HOSHINA, Yukari

8)SAITO, Jun

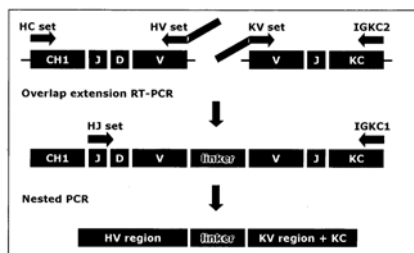
9)NAGASO, Hiroshi

10)KUMAGAI, Masashi

11)HAGIWARA, Yasuyo

(57) Abstract :

Provided is a novel antibody having an excellent antibacterial activity against P. aeruginosa. By using plasmablasts obtained from cystic fibrosis patients with chronic P. aeruginosa pulmonary infection as starting materials, antibodies which bind to LPS of a P. aeruginosa strain of serotype E and which have excellent antibacterial activities in vitro and in vivo were successfully obtained.



No. of Pages : 99 No. of Claims : 26

(54) Title of the invention : ANTIBODY AGAINST SEROTYPE I LIPOPOLYSACCHARIDE OF PSEUDOMONAS AERUGINOSA

(51) International classification :C07K16/12,A61K39/395,A61P31/04
 (31) Priority Document No :2010-033429
 (32) Priority Date :18/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/054227
 Filing Date :18/02/2011
 (87) International Publication No :WO 2011/102553
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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2)ANDERSEN, Peter Sejer

3)OKUTOMI, Takafumi

4)INABA, Tsuneyoshi

5)OTSUKA, Keiko

6)AKABANE, Hirotomo

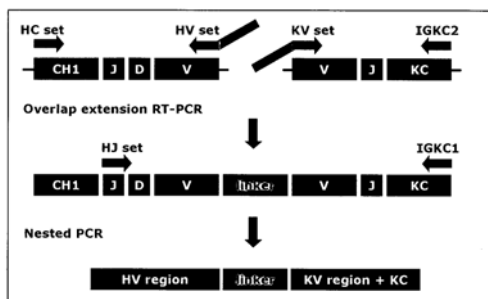
7)HOSHINA, Yukari

8)NAGASO, Hiroshi

9)KUMAGAI, Masashi

(57) Abstract :

Provided is a novel antibody having an excellent antibacterial activity against P. aeruginosa. By using plasmablasts obtained from cystic fibrosis patients with chronic P. aeruginosa pulmonary infection as starting materials, antibodies which bind to LPS of a P. aeruginosa strain of serotype I and which have excellent antibacterial activities in vitro and in vivo were successfully obtained.



No. of Pages : 96 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2207/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESSES AND SYSTEMS FOR THE PRODUCTION OF PROPYLENE GLYCOL FROM GLYCEROL

(51) International classification :C07C29/60,C07C29/128,C07C31/20
(31) Priority Document No :12/711,053
(32) Priority Date :23/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057651
Filing Date :22/11/2010
(87) International Publication No :WO 2011/106048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FRYE, John, G.
2)OBERG, Aaron, A.
3)ZACHER, Alan, H.

(57) Abstract :

Processes and systems for converting glycerol to propylene glycol are disclosed. The glycerol feed is diluted with propylene glycol as the primary solvent, rather than water which is typically used. The diluted glycerol feed is sent to a reactor where the glycerol is converted to propylene glycol (as well as other byproducts) in the presence of a catalyst. The propylene glycol-containing product from the reactor is recycled as a solvent for the glycerol feed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2208/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : DEVICE HAVING A MOLDED SEAL

(51) International classification :F16D48/02,F16J15/16,F16J15/56
(31) Priority Document No :10 2010 021 806.5
(32) Priority Date :27/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/001112
Filing Date :07/03/2011
(87) International Publication No :WO 2011/147494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)BORCHERS, Harald

2)HÖLSCHER, Reiner

(57) Abstract :

The invention relates to a device having at least one first component (2) and having a second component (1) which is arranged so as to be movable relative to the first component (2), characterized in that a molded seal (16) is arranged in a groove (20) of the first component (2), which molded seal is in contact with the second component (1), wherein a first chamber (3) formed on one side of the molded seal (16) between the first and the second component can be charged with a first pressure and a second chamber (33) formed on the opposite side of the molded seal (16) between the first and the second component can be charged with a second pressure, and the molded seal (16) together with the first component (2), forms at least one overflow valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2194/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : DIGITAL-TO-ANALOG CONVERTER (DAC)

(51) International classification	:H03M1/10
(31) Priority Document No	:12/728,749
(32) Priority Date	:22/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/027339
Filing Date	:07/03/2011
(87) International Publication No	:WO 2011/119315
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KAPER, Valery

2)BETTENCOURT, John, P.

(57) Abstract :

A system having: a digital pre-distortion circuit fed by a digital signal for distorting the digital signal; a digital to analog converter (DAC) core section coupled to an output of the calibration circuit for converting the distorted digital signal into a corresponding analog signal, the DAC core section performing the conversion in accordance with a control signal fed to the DAC core section; a power amplifier (PA) section coupled to an output of the DAC core section for amplifying power in the analog signal; and a calibration circuit coupled to the output of the power amplifier for producing, in response to the power in the power amplified analog signal, the control signal for the DAC core section.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2195/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PULSE DYNAMIC LOGIC GATES WITH MUX-D SCAN FUNCTIONALITY

(51) International classification :G06F11/267,G01R31/3185
(31) Priority Document No :61/304,946
(32) Priority Date :16/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024921
Filing Date :15/02/2011
(87) International Publication No :WO 2011/103099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :1 Infinite Loop, Cupertino, California
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(72)**Name of Inventor :**
1)SENINGEN, Michael, R.
2)RUNAS, Michael, E.

(57) Abstract :

A scannable pulse dynamic logic gate may include an evaluation network that evaluates dynamic inputs in response to assertion of an evaluate pulse. The evaluate pulse may be generated from a clock signal such that it is shorter in duration than the clock signal. During a normal mode of operation, when the evaluate pulse is asserted, the evaluation network may discharge a dynamic node depending on the state of the dynamic inputs. The resultant state of the dynamic node may be stored within an output storage element. When the evaluate pulse is deasserted, the dynamic node may be precharged. During a scan mode of operation, the dynamic node may remain precharged. Scan data may be transferred to the output storage element under the control of scan-related control signals.

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2200/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

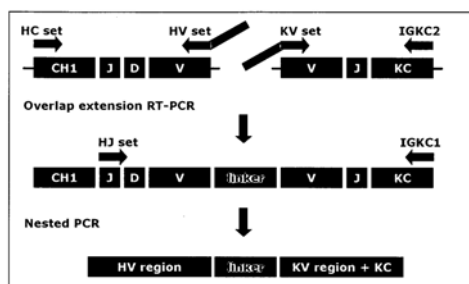
(54) Title of the invention : ANTIBODY AGAINST SEROTYPE A LIPOPOLYSACCHARIDE OF PSEUDOMONAS AERUGINOSA

(51) International classification :C12N15/09,A61K39/395,A61P31/04
(31) Priority Document No :2010-033429
(32) Priority Date :18/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/054230
Filing Date :18/02/2011
(87) International Publication No :WO 2011/102556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)INABA, Tsuneyoshi
5)OTSUKA, Keiko
6)AKABANE, Hirotomo
7)HOSHINA, Yukari
8)NAGASO, Hiroshi
9)KUMAGAI, Masashi

(57) Abstract :

Provided is a novel antibody having an excellent antibacterial activity against P. aeruginosa. By using plasmablasts obtained from cystic fibrosis patients with chronic P. aeruginosa pulmonary infection as starting materials antibodies which bind to LPS of a P. aeruginosa strain of serotype A and which have excellent antibacterial activities in vitro and in vivo were successfully obtained.



No. of Pages : 82 No. of Claims : 22

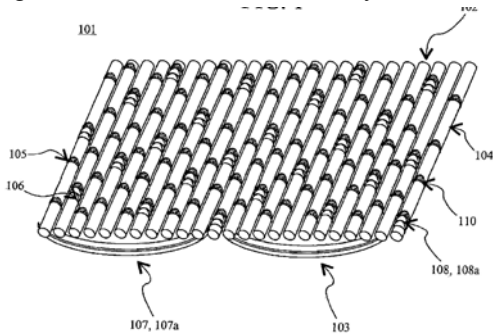
(54) Title of the invention : WOVEN FABRIC THAT LOOKS AND PERFORMS LIKE A KNITTED FABRIC AND METHOD OF MAKING THEREOF

(51) International classification :D03D15/04,D03D15/08,D03D27/04
 (31) Priority Document No :61/308,724
 (32) Priority Date :26/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2011/000902
 Filing Date :24/02/2011
 (87) International Publication No :WO 2011/104022
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)YENİCİ, Hamit
2)KORKMAZ, Fatma
3)ERKUS, Ertug
4)UDUL, Ahmet

(57) Abstract :

A fabric with wefts that include hard yarns and elastomeric yarns in a predetermined arrangement such that at least one hard yarn is alternately arranged with at least one elastomeric yarn, the elastomeric yarns having a greater shrinkage ratio than that of the hard yarns; the hard yarns form under portions and over portions with respect to warps, said under portions being formed when said hard yarns pass along the back side of the warps and defining loop portions, and said over portions being formed when the hard yarns pass along the front side of the warps and define connection portions, wherein for each hard yarn, the number of warps passed by the loop portion is at least 6, and the elastomeric yarns form under portions and over portions with respect to said warps in a weave that is tighter than the weave of the hard yarns.



No. of Pages : 44 No. of Claims : 45

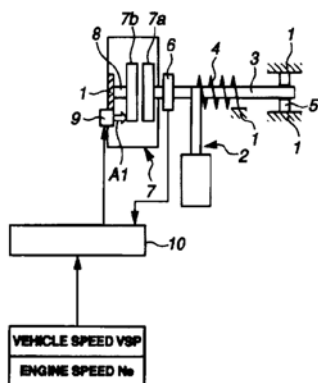
(54) Title of the invention : DEVICE TO CONTROL FORCE REQUIRED TO DEPRESS ACCELERATOR PEDAL

(51) International classification :B60K26/04,F02D11/04
 (31) Priority Document No :2010-016246
 (32) Priority Date :28/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/065512
 Filing Date :09/09/2010
 (87) International Publication No :WO 2011/092886
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)Masao SHIOMI
3)Masahiro OMORI

(57) Abstract :

In order to prevent unintentional flip-flop of the accelerator pedal in the vicinity of the accelerator opening threshold at which the force required to depress an accelerator pedal is increased, the device increases the force required to depress the accelerator pedal (2) by an increase in force relative to a base force when the accelerator opening reaches a throttle opening threshold value APS1 which corresponds to the boundary with a region in which the fuel economy is poor. Even if the accelerator pedal is pushed back by the increase in the force required to depress the pedal when the accelerator opening threshold APS1 is exceeded, thereby reducing the accelerator opening, the release of the increase in force required to depress the pedal is disabled for a predetermined time $\Delta T1$, thereby preventing unintentional flip-flop of the accelerator pedal (2).



No. of Pages : 27 No. of Claims : 8

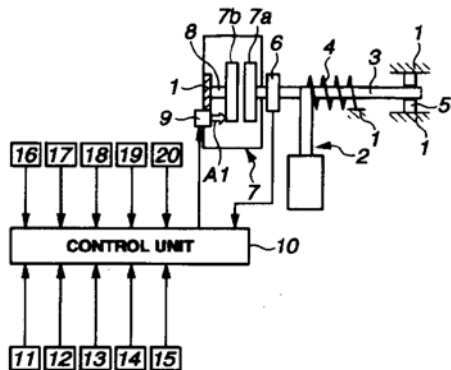
(54) Title of the invention : DEVICE TO CONTROL FORCE REQUIRED TO DEPRESS ACCELERATOR PEDAL

(51) International classification :B60K26/04,F02D11/04,G01C21/00
 (31) Priority Document No :2010-016247
 (32) Priority Date :28/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/072456
 Filing Date :14/12/2010
 (87) International Publication No :WO 2011/092957
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NISSAN MOTOR CO., LTD.
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 (72)Name of Inventor :
1)Shigeyuki SAKAGUCHI
2)Masao SHIOMI
3)Masahiro OMORI

(57) Abstract :

A device to control the force required to depress an accelerator pedal, which increases the force required to depress an accelerator pedal (2) when the accelerator opening exceeds a accelerator opening threshold value. If the steering angle when the driver starts to increase the opening of the accelerator pedal (2) is small, the increase in the standard force required to depress the accelerator pedal is set to ΔF , and if the steering angle is great, the increase in the force required to depress the accelerator pedal is set to a smaller value ($\Delta F - B$). By doing so, it is possible to achieve a smooth acceleration when turning left or turning right from a standstill by setting the increase in force required ($\Delta F - B$) to a relatively small value.



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

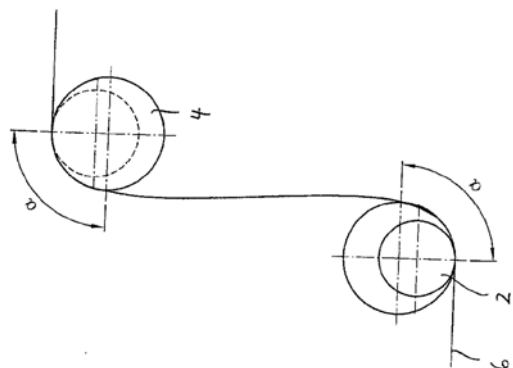
(54) Title of the invention : DEVICE AND METHOD FOR GUIDING BANDS TO BE JOINED TO ONE ANOTHER ALONG THEIR LONGITUDINAL EDGES

(51) International classification :B23K26/08,B23K26/24,B23K31/02
 (31) Priority Document No :10 2010 005 758.4
 (32) Priority Date :25/01/2010
 (33) Name of priority country:Germany
 (86) International Application No :PCT/EP2010/070685
 Filing Date :23/12/2010
 (87) International Publication No :WO 2011/088951
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)RETZBACH, Martin
2)WISCHMANN, Stefan
3)PLHA, Jens
4)MÜHLHAUSE, Walter

(57) Abstract :

The invention relates to a device and method for guiding bands (5, 6) to be joined to each other along the longitudinal edges (7, 8) thereof, in which bands (5, 6) running substantially parallel to and spaced from one another are directed via guide rollers (1, 2, 3, 4) to a joining point. In order to achieve a wedge- shaped joining angle (opening angle) even when joining relatively thick bands and/or bands having high-strength qualities, without plastic deformation of one of the bands occurring in the process, in the device according to the invention the guide roller (3, 4) closer to the joining point is designed as a conical roller (3, 4) that tapers in the direction of the longitudinal edge (7, 8) of the band to be joined, wherein the guide roller (1, 2) upstream of said conical roller (3, 4) in the running direction of the band is also designed as a conical roller or as a guide roller having a cylindrical lateral face. The latter conical roller (1, 2) tapers in the direction of the other longitudinal edge (10, 11) of the band (5, 6) or the axis of rotation of the guide roller having a cylindrical lateral face spatially approaches the axis of rotation of the conical roller (3, 4) downstream in the running direction of the band on the side edge of the band lying opposite the longitudinal edge (7, 8) to be joined.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2234/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

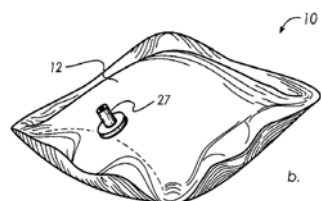
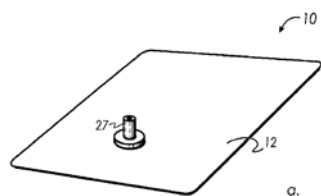
(54) Title of the invention : CONTAINER FOR FLUID SAMPLING WITH FLEXIBLE METAL ALLOY WALLS

(51) International classification :B65D30/24
(31) Priority Document No :61/308,502
(32) Priority Date :26/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026293
Filing Date :25/02/2011
(87) International Publication No :WO 2011/106680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEXTTEQ, LLC
Address of Applicant :8406 Benjamin Road, Suite J, Tampa, FL 33634 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)MIHAYLOV, Gueorgui, M.
2)TRUEX, Bryan, I.

(57) Abstract :

The present invention is directed to containers for fluids. The containers may comprise a flexible wall, wherein the flexible wall comprises a metal alloy. The metal alloy may be any metal alloy that may be formed into a sheet including, but not limited to, some stainless steel alloys such as SST 304, SST 309, SST 316, SST 316L, SST 321, low carbon stainless steels and nickel-titanium alloys known as Nitinol.



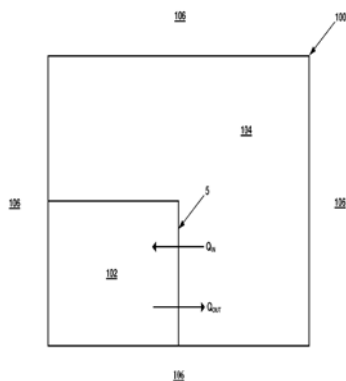
No. of Pages : 46 No. of Claims : 67

(54) Title of the invention : IMPROVED AIR SAMPLING SYSTEM

(51) International classification	:G08B21/00,G01N1/14	(71)Name of Applicant :
(31) Priority Document No	:61/305,669	1)VELTEK ASSOCIATES, INC.
(32) Priority Date	:18/02/2010	Address of Applicant :15 Lee Blvd., Malvern, Pennsylvania
(33) Name of priority country	:U.S.A.	19355 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/025021	(72)Name of Inventor :
Filing Date	:16/02/2011	1)CALIO, Rosario Sam
(87) International Publication No	:WO 2011/103145	2)CHURCHVARA, Jeffrey
(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 for sampling air in a controlled environment that includes two or more air sampling devices at different locations within the controlled environment. A controller is provided at a location outside of the controlled environment and in separate air flow communication with each of the two or more air sampling devices via separate first vacuum tubes, the controller having a manifold configured to separately control a rate of air flow from the two or more air sampling devices to the controller via each of the separate first vacuum tubes and to selectively direct the air flow from each of the separate first vacuum tubes to one or more second vacuum tubes. A vacuum source is provided at a location outside the controlled environment and in air flow communication with the controller via the one or more second vacuum tubes, the vacuum source providing suction and being controlled by the controller to generate the air flow through each of the first vacuum tubes. And, a flow switch for each of the two or more air sampling devices is provided at a location between a corresponding air sampling device and the vacuum source, each of the flow switches being configured to separately measure and control the rate of air flow through a corresponding first vacuum tube. An alarm is automatically activated at a location inside the controlled environment by one or more of the flow switches when the rate of air flow measured at one or more of the flow switches deviates from a desired value by a predetermined amount.



No. of Pages : 80 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2206/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : HIGH STRENGTH FORGED ALUMINUM ALLOY PRODUCTS

(51) International classification	:C22F1/05,C22C21/02	(71) Name of Applicant :
(31) Priority Document No	:12/799,244	1)ALCOA INC.
(32) Priority Date	:20/04/2010	Address of Applicant :Alcoa Corporate Center, 201 Isabella
(33) Name of priority country	:U.S.A.	Street, Pittsburgh, Pennsylvania 15212-5858 UNITED STATES
(86) International Application No	:PCT/US2011/026237	OF AMERICA
Filing Date	:25/02/2011	(72) Name of Inventor :
(87) International Publication No	:WO 2011/133248	1)BUSH, Dustin M.
(61) Patent of Addition to Application	:NA	2)COLVIN, Edward L.
Number	:NA	3)RIOJA, Roberto J.
Filing Date	:NA	4)SAWTELL, Ralph R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

High strength forged aluminum alloys and methods for producing the same are disclosed. The forged aluminum alloy products may have grains having a high aspect ratio in at least two planes, generally the L-ST and the LT-ST planes. The forged aluminum alloy products may also have a high amount of texture. The forged products may realize increased strength relative to conventionally prepared forged products of comparable product form, composition and temper.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2217/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD TO RECOVER ORGANAIC TERTIARY AMINES FROM WASTE SULFURIC ACID

(51) International classification :C07C209/86,C07C211/05,C01C1/242
(31) Priority Document No :10160272.0
(32) Priority Date :19/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/055788
Filing Date :13/04/2011
(87) International Publication No :WO 2011/131530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BRIETZKE, Stephan
2)GROER, Peter
3)MOLLENKOPF, Carl Christoph

(57) Abstract :

The present invention describes a method to recover organic tertiary amines from waste sulfuric acid comprising the following steps:
a) reacting i) waste sulfuric acid comprising organic tertiary amines with ii) ammonia in an amount sufficient to obtain a pH of 9.5 or higher and b) separating the organic tertiary amines from the reaction mixture obtained in step a) wherein during the separation the pH of the reaction mixture is adjusted at a pH of 9.5 or higher.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2218/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF AN AMMONIUM SULFATE COMPOSITION

(51) International classification :C01B17/90,C01B17/92,C01C1/242
(31) Priority Document No :10160278.7
(32) Priority Date :19/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/055791
Filing Date :13/04/2011
(87) International Publication No :WO 2011/131532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BRIETZKE, Stephan
2)GROER, Peter
3)MOLLENKOPF, Carl Christoph

(57) Abstract :

The present invention describes a method for the manufacture of an ammonium sulfate composition having a total organic carbon (TOC) content of 1% by weight or less than 1 % by weight, based on the total weight of the composition, comprising the following steps: a) reacting i) waste sulfuric acid comprising an organic tertiary amines with ii) ammonia in an amount sufficient to obtain a pH of 9.5 or higher b) separating the organic tertiary amine from the reaction mixture obtained in step a) wherein during the separation the pH of the reaction mixture is maintained at a pH higher than 10 and c) optionally reducing the content of water and/or other volatile components from the aqueous solution comprising the ammonium sulfate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2219/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHOD TO RECOVER ORGANIC TERTIARY AMINES FROM WASTE SULFURIC ACID EMPLOYING A PLUG FLOW REACTOR

(51) International classification :C07C209/86,C07C211/05,C01C1/242
(31) Priority Document No :10160275.3
(32) Priority Date :19/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/055790
Filing Date :13/04/2011
(87) International Publication No :WO 2011/131531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
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(72)Name of Inventor :
1)BRIETZKE, Stephan
2)GROER, Peter
3)MOLLENKOPF, Carl Christoph

(57) Abstract :

The present invention describes a method to recover an organic tertiary amine from waste sulfuric acid comprising the following steps: a) reacting in a plug flow reactor at a pressure ranging from 1.5 to 12 bar i) waste sulfuric acid comprising organic tertiary amines with ii) ammonia; and b) separating the organic tertiary amine from the reaction mixture obtained in step a).

No. of Pages : 17 No. of Claims : 15

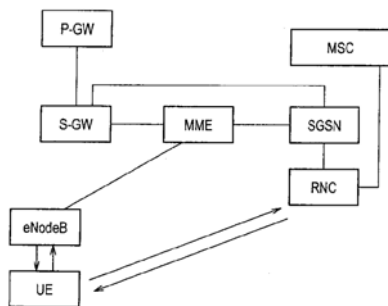
(54) Title of the invention : MOBILE COMMUNICATION METHOD, RADIO ACCESS NETWORK DEVICE, AND MOBILE STATION

(51) International classification :H04W72/10,H04W36/26
 (31) Priority Document No :2010-027047
 (32) Priority Date :09/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052774
 Filing Date :09/02/2011
 (87) International Publication No :WO 2011/099529
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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2)KAWAKATSU, Shimpei
3)KATAYAMA, Kenichi
4)AOYAGI, Kenichiro

(57) Abstract :

Disclosed is a mobile communication method which involves: a step in which an idle mobile station (UE) sends an Extended Service Request to a mobile management node (MME) via a wireless base station (eNodeB); a step in which the mobile management node (MME) sends an Initial UE Context Setup Request containing priority call information to the wireless base station (eNodeB); and a step in which the wireless base station (eNodeB) preferentially allocates resources to the E-RAB for the mobile station (UE) on the basis of the priority call information contained in the received Initial UE Context Setup Request.



No. of Pages : 56 No. of Claims : 4

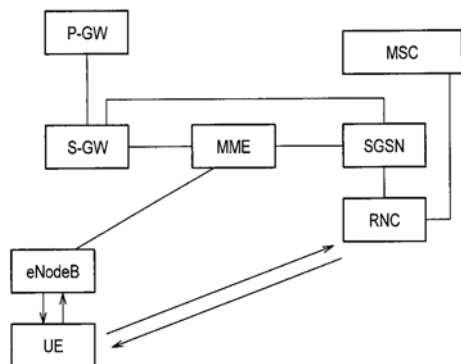
(54) Title of the invention : MOBILE COMMUNICATION METHOD, RADIO ACCESS NETWORK DEVICE, AND MOBILE STATION

(51) International classification :H04W72/10,H04W36/26
 (31) Priority Document No :2010-027047
 (32) Priority Date :09/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052775
 Filing Date :09/02/2011
 (87) International Publication No :WO 2011/099530
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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2)KAWAKATSU, Shimpei
3)KATAYAMA, Kenichi
4)AOYAGI, Kenichiro

(57) Abstract :

Disclosed is a mobile communication method which involves: a step in which an idle mobile station (UE) sends an Extended Service Request to a mobile management node (MME) via a wireless base station (eNodeB); a step in which the mobile management node (MME) sends an Initial UE Context Setup Request containing priority call information to the wireless base station (eNodeB); and a step in which the wireless base station (eNodeB) preferentially allocates resources to the E-RAB for the mobile station (UE) on the basis of the priority call information contained in the received Initial UE Context Setup Request.



No. of Pages : 56 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2210/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : FUNGICIDAL MIXTURES BASED ON AZOLOPYRIMIDINYLAMINES

(51) International classification :A01N43/90,A01N43/653,A01N47/24
(31) Priority Document No :61/317,723
(32) Priority Date :26/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/054394
Filing Date :23/03/2011
(87) International Publication No :WO 2011/117271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GEWEHR, Markus
2)TORMO I BLASCO, Jordi
3)HADEN, Egon

(57) Abstract :
Fungicidal mixtures based on azolopyrimidinylamines.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2224/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER

(51) International classification :C12N15/02,A61K39/395,A61P35/00
(31) Priority Document No :2010-023454
(32) Priority Date :04/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052413
Filing Date :04/02/2011
(87) International Publication No :WO 2011/096534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KOBAYASHI Shinichi
2)OKANO Fumiyoshi
3)SAITO Takanori

(57) Abstract :

The present invention identifies a cancer antigen protein which is expressed specifically on the surface of a cancer cell, and provides a use of an antibody, which targets the cancer antigen protein, as a therapeutic and/or prophylactic agent for cancer. Specifically disclosed is a pharmaceutical composition for the treatment and/or prevention of cancer, which is characterized by containing, as an active ingredient, an antibody that is immunologically reactive with a partial polypeptide of CAPRIN-1 represented by the even-numbered sequences of SEQ ID NOS: 2-30, said partial polypeptide comprising the amino acid sequence represented by SEQ ID NO: 37 or an amino acid sequence having 80% or more sequence identity to the amino acid sequence, or a fragment of the antibody.

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2225/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : ROTARY CUTTING TOOL HAVING AN ADJUSTABLE COOLING MECHANISM

(51) International classification	:B23C5/28
(31) Priority Document No	:204235
(32) Priority Date	:02/03/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2011/000151
Filing Date	:13/02/2011
(87) International Publication No	:WO 2011/111035
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :P.O. Box 11, 24959 Tefen, ISRAEL

(72)Name of Inventor :

1)BONNARANG, Frederic

2)GUERARDELLE, Christian

(57) Abstract :

A milling cutter (10), having an adjustable cooling mechanism, has a tool body having a body central bore. At least one flute is formed on a body peripheral face. Each flute comprises a first row of insert pockets and at least a second row of insert pockets axially rearwardly displaced from the first row. The cooling mechanism includes a center pin (54) having at least two grooves axially spaced apart from one another along the length of the center pin. A relocatable seal (94) is seated in one of the grooves. When the relocatable seal is seated in a first groove, the body central bore (32) is in fluid communication with cooling holes associated with a first number of rows of inserts; when the relocatable seal (94) is seated in a second groove, the body central bore (32) is in fluid communication with cooling holes associated with a second number of rows of inserts.

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

(54) Title of the invention : GROWTH REGULATOR SPECIALLY FOR JATROPHA CURCAS L. AND APPLICATION THEREOF

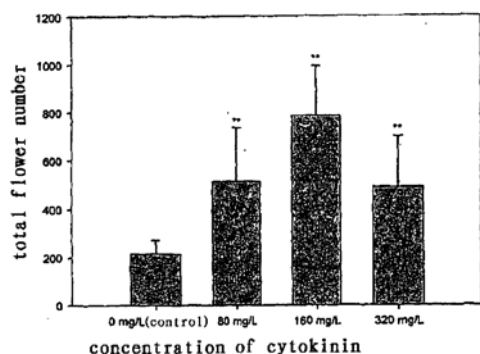
(51) International classification :A01N43/90,A01N47/36,A01N47/30,
a61k36/00
(31) Priority Document No :201010105031.5
(32) Priority Date :03/02/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/000224
Filing Date :20/02/2010
(87) International Publication No :WO 2011/094903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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2)PAN, Bangzhen

(57) Abstract :

A growth regulator specially for *Jatropha curcas* L. is made by the following method: dissolving cytokinins in sodium hydroxide solution, then diluting with distilled water to mother solution with cytokinins concentration of 0.02mg/mL- 100mg/mL, uniformly mixing 2-9999 parts mother solution, 1-10 parts surfactant and 0-9997 parts distilled water to obtain said growth regulator. In 10 days before or after appearance of *Jatropha curcas* L. flower buds, uniformly spraying said growth regulator onto whole plant of *Jatropha curcas* L. until droplet drips down. After spraying 1-3 times during each *Jatropha curcas* L. blossoming period, total flowers, female proportion, fruits and seed yield are 3.6, 4.3, 4.5 and 3.9 times higher than untreated respectively. Oil content of the seed is increased to 34.76% from 31.67% and increased by about 9.8%. The present growth regulator operates simply and has lower cost.



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

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM, NETWORK DEVICE, AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W36/14,H04W4/22
 (31) Priority Document No :2010-026700
 (32) Priority Date :09/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/061353
 Filing Date :02/07/2010
 (87) International Publication No :WO 2011/099178
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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1)AOYAGI, Kenichiro
2)NAKAMURA, Yuichiro
3)MATSUTANI, Hideyuki
4)IWAMURA, Mikio
5)HAYASHI, Takahiro
6)OBATA, Kazunori

(57) Abstract :

When the priority of a second communication call that needs to be set is a top priority during a transition process from a first communication system to a second communication system, the second communication system does not set a bearer of a first communication call between the second communication system and a mobile communication terminal, and informs the first communication system that the first communication call cannot be set but that the second communication call can be set. When the first communication system is informed that the first communication call cannot be set but that the second communication call can be set, the first communication system stops a handover process, and issues an instruction to the mobile communication terminal to switch to the second communication system using other processes.

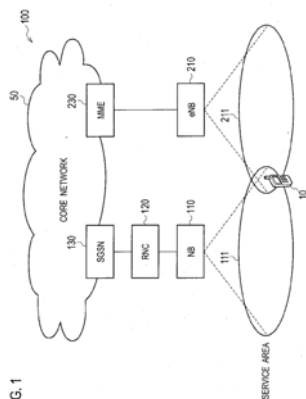


FIG. 1

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2220/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : PROCESS FOR PRODUCING AMMONIUM SALTS

(51) International classification :C07C209/86,C01C1/242,C07D291/06
(31) Priority Document No :10160272.0
(32) Priority Date :19/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/032896
Filing Date :18/04/2011
(87) International Publication No :WO 2011/133468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
Address of Applicant :1601 West LBJ Freeway, Dallas, TX 75234, U.S.A.
(72)Name of Inventor :
1)BRIETZKE, Stephan
2)GROER, Peter
3)MOLLENKOPF, Carl Christoph
4)BAYER, Michael, J.

(57) Abstract :

The invention relates to a process for producing an ammonium salt composition. The process comprises the steps of providing a process stream comprising sulfuric acid, methylene dichloride, and a tertiary amine or a precursor thereof and contacting the process stream with ammonia under conditions effective to form a product stream and a waste stream. The product stream comprises the ammonium salt and the waste stream comprises water, methylene dichloride, ammonia, and the tertiary amine. The process further comprises the step of deriving from the waste stream an off gas stream comprising ammonia and a first amount of methylene dichloride. The process also comprises the step of contacting at least a portion of the off gas stream or a derivative thereof with an adsorbent under conditions effective to separate at least a portion of the off gas into a methylene dichloride stream comprising methylene dichloride.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2221/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : MULTI-SPINDLE HOBBING MACHINE

(51) International classification	:B23F5/22
(31) Priority Document No	:10405030.7
(32) Priority Date	:18/02/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/052340
Filing Date	:17/02/2011
(87) International Publication No	:WO 2011/101405
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NEW WYSSBROD TECHNOLOGY AG
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SWITZERLAND
(72)**Name of Inventor :**
1)BÜTTLER, Urs
2)WALTER, Simon

(57) Abstract :

The invention relates to a hobbing machine (10) for simultaneously hobbing three workpieces, comprising a triple milling head (34) having three miller spindle axes (S1, S2, S3) that are parallel to one another, a triple tailstock (32) and a triple workpiece spindle carrier (30) having three workpiece spindle axes (A1, A2, A3) that are parallel to each other in a first horizontal main axis direction (X). The triple workpiece spindle carrier (30) and the triple tailstock (32) comprise three workpiece spindle carrier units (30-1, 30-2, 30-3) or tailstock units (32-1, 32-2, 32-3) which can be moved individually in a second horizontal main axis direction (Y) perpendicular to the first horizontal main axis direction (X) along horizontal movement axes (Y1, Y2, Y3; Y11, Y12, Y13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2222/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : HEAT EXCHANGER FOR AIR CONDITIONER

(51) International classification :F28D1/047,F24F1/00,F25B39/00
(31) Priority Document No :2010-030649
(32) Priority Date :15/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000583
Filing Date :02/02/2011
(87) International Publication No :WO 2011/099256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 530-8323,
JAPAN
(72)Name of Inventor :
1)Yoshimasa KIKUCHI
2)Kanji AKAI
3)Yoshio ORITANI
4)Hideki SAWAMIZU
5)Masanori JINDOU
6)Yoshiharu MICHITSUJI

(57) Abstract :

A heat exchanger (71) is provided with a plurality of refrigerant pipes (R). A portion of a plurality of capillary tubes (96) of a flow divider (94) is connected to the open edge section (E1) on the side of a front tube plate (77), and the remainder of the plurality of capillary tubes (96) is connected to the open edge section (E1) on the side of the rear tube plate (79). The plurality of refrigerant pipes (R) contains even number refrigerant pipes comprising even numbers of heat transfer pipes (P), and odd number refrigerant pipes comprising odd numbers of heat transfer pipes (P).

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2223/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : LUFFING-JIB TOWER CRANE

(51) International classification :B66C23/82,B66C23/88
(31) Priority Document No :10 2010 008155.8
(32) Priority Date :16/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/000742
Filing Date :16/02/2011
(87) International Publication No :WO 2011/101133
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)WOLFFKRAN HOLDING AG

Address of Applicant :Baarermattstrasse 6, CH-6300 Zug
SWITZERLAND

(72)Name of Inventor :

1)WAGNER, Andreas

(57) Abstract :

A luffing-jib tower crane, comprising a tower and a jib which is connected to the tower via a joint and is held by a luffing cable, wherein the length of the luffing cable can be changed by a drawing-in unit, by the luffing cable being wound onto or unwound from a cable drum of the drawing-in unit, wherein the angle of the jib with respect to the horizontal plane is measured by a first sensor which is attached to the jib (first angular value), wherein a measuring device measures the length of the unwound part of the luffing cable, from which length the minimum angle of the jib with respect to the horizontal plane (second angular value) can be calculated, and the first angular value can be compared with the second angular value.

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

(54) Title of the invention : CUTTER DEVICE

(51) International classification :B26F1/38,A61F13/15,A61F13/472
 (31) Priority Document No :2010-037846
 (32) Priority Date :23/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053252
 Filing Date :16/02/2011
 (87) International Publication No :WO 2011/105262
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

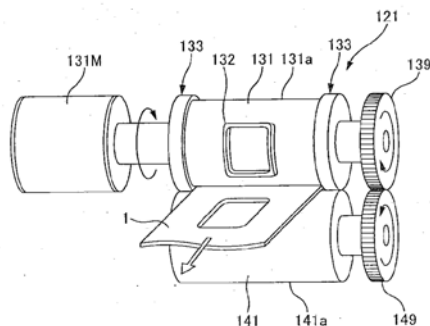
Address of Applicant :182, Kinseichoshimobun Shikokuchuo-shi, Ehime 7990111 JAPAN

(72)Name of Inventor :

1)NAKANO, Takumi

(57) Abstract :

Disclosed is a cutter device for cutting an absorbent article workpiece which is conveyed in a conveying direction. The cutter device is provided with a cutter roll whereon a cutter blade that cuts the workpiece is provided in such a way as to protrude from an outer peripheral surface; an anvil roll which receives the cutter blade by means of an outer peripheral surface that is disposed opposite the outer peripheral surface of the cutter roll; annular protrusions which are provided on the outer peripheral surface of one of either the cutter roller or the anvil roller and abut the other roll; a first motor which drives the cutter roll; a second motor which drives the anvil roll; a first motor control section which controls the first motor by position control or speed control; and a second motor control section which controls the second motor. Torque is transmitted to the anvil roll from the cutter roll via the annular protrusions, with the result that the anvil roll rotates by following the cutter roll. On the basis of control performed by the second motor control section, auxiliary torque is provided to the anvil roll from the second motor in such a way as to assist in the rotation that follows the cutter roll.



No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2246/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : SUBSTITUTED PYRIDAZINES HAVING HERBICIDAL ACTION

<p>(51) International classification :C07D491/052,A01N43/90 (31) Priority Document No :61/316,394 (32) Priority Date :23/03/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/EP2011/054281 Filing Date :22/03/2011 (87) International Publication No :WO 2011/117211 (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>		<p>(71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen GERMANY (72)Name of Inventor : 1)SONG, Dschun 2)MAJOR, Julia 3)HUTZLER, Johannes 4)NEWTON, Trevor William 5)WITSCHER, Matthias 6)MOBERG, William Karl 7)PARRA RAPADO, Liliana 8)QU, Tao 9)STELZER, Frank 10)KLOET, Andree van der 11)SEITZ, Thomas 12)EHRHARDT, Thomas 13)KREUZ, Klaus 14)GROSSMANN, Klaus 15)MICHROWSKA-PIANOWSKA, Anna Aleksandra 16)SIMON, Anja 17)REINGRUBER, Rüdiger 18)KRAUS, Helmut 19)HÖFFKEN, Hans Wolfgang 20)MIETZNER, Thomas</p>
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(57) Abstract :

Substituted pyridazines of the formula (I) in which the variables are defined according to the description, processes and intermediates for preparing the compounds of the formula (I) and their N-oxides, their agriculturally suitable salts, compositions comprising them and their use as herbicides, and also methods for controlling unwanted vegetation.

No. of Pages : 127 No. of Claims : 15

(54) Title of the invention : ANTIBODY AGAINST SEROTYPE B LIPOPOLYSACCHARIDE OF PSEUDOMONAS AERUGINOSA

(51) International classification :C12N15/09,A61K39/395,A61P31/04
 (31) Priority Document No :2010-033429
 (32) Priority Date :18/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/054228
 Filing Date :18/02/2011
 (87) International Publication No :WO 2011/102554
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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2)ANDERSEN, Peter Sejer

3)OKUTOMI, Takafumi

4)INABA, Tsuneyoshi

5)OTSUKA, Keiko

6)AKABANE, Hirotomo

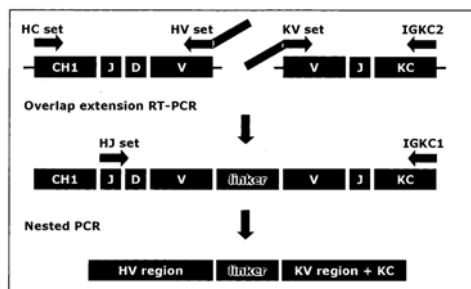
7)HOSHINA, Yukari

8)NAGASO, Hiroshi

9)KUMAGAI, Masashi

(57) Abstract :

Provided is a novel antibody having an excellent antibacterial activity against P. aeruginosa. By using plasmablasts obtained from cystic fibrosis patients with chronic P. aeruginosa pulmonary infection as starting materials, antibodies which bind to LPS of a P. aeruginosa strain of serotype B and which have excellent antibacterial activities in vitro and in vivo were successfully obtained.



No. of Pages : 84 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2248/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

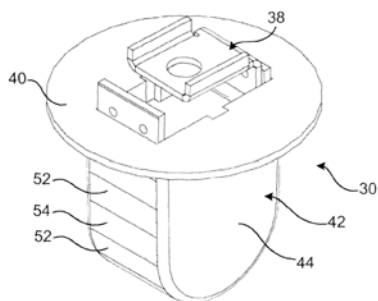
(54) Title of the invention : RECLOSER POSITION INDICATOR

(51) International classification :H01H9/16,G09F11/18
(31) Priority Document No :61/304,826
(32) Priority Date :16/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024122
Filing Date :09/02/2011
(87) International Publication No :WO 2011/102997
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44, CH-8050 Zurich
SWITZERLAND
(72)Name of Inventor :
1)BINKLEY, Kerry, Brent

(57) Abstract :

A recloser includes at least one pole position indicator. The position indicator includes a flexible strip that rides in a U-shaped channel. The flexible strip has an alternating color pattern and that is visible through spaced transparent windows on the indicator. The transparent windows are spaced so that the flexible strip, when in a first position shows only a first color and when in a second position only shows a second color.



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

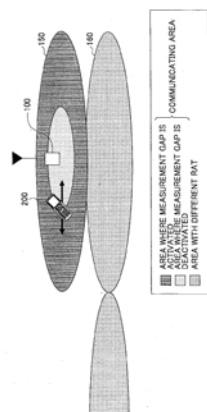
(54) Title of the invention : BASE STATION DEVICE AND METHOD

(51) International classification :H04W36/00,H04W36/14,H04W76/02
 (31) Priority Document No :2010-087105
 (32) Priority Date :05/04/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/057898
 Filing Date :29/03/2011
 (87) International Publication No :WO 2011/125676
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO, INC.
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 (72)Name of Inventor :
1)UCHIYAMA, Tadashi
2)OBATA, Kazunori
3)HARANO, Seigo
4)YABUKI, Shogo
5)IWAMURA, Mikio

(57) Abstract :

Disclosed is a base station device provided with: a connection re-establishment request signal receiving unit which receives from a mobile device a connection re-establishment request signal for requesting connection re-establishment with the base station device transmitted to; a state detection unit which detects whether or not the mobile device, immediately before sending the connection re-establishment request signal received by said connection re-establishment request signal receiving unit, was in a state in which a frequency band measurement period was being initiated for measuring frequency bands other than the frequency band of the wireless access technology used in wireless communication with said base station; a response signal generation unit which, if said state detection unit determines that the mobile device was initiating a frequency band measurement period, generates, as a signal in response to the connection re-establishment request signal, a response signal containing a command signal prompting initiation of the frequency band measurement period; and a response signal transmission unit which transmits to the mobile device the response signal generated by said response signal generation unit.



No. of Pages : 43 No. of Claims : 6

(54) Title of the invention : CONTAINERS FOR FLUIDS WITH COMPOSITE AGILE WALLS

(51) International classification :B65D1/42,B65D6/34,B65D8/08

(31) Priority Document No :61/304,904

(32) Priority Date :16/02/2010

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

(86) International Application No:PCT/US2011/025058

Filing Date :16/02/2011

(87) International Publication No:WO 2011/103170

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

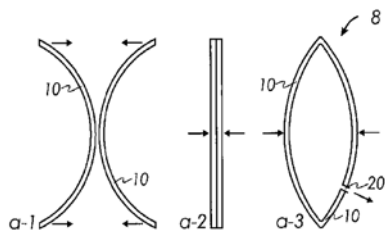
1)NEXTEQ, LLCAddress of Applicant :8406 Benjamin Road Suite J, Tampa,
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(72)Name of Inventor :

1)MIHAYLOV, Gueorgui, M.**2)TRUEX, Bryan, I.**

(57) Abstract :

The disclosure is directed to sampling bags having flexible walls. The sampling bags may have agile walls that include a shape memory component. The shape memory component tends to return the sampling bag to its initial shape. Such sampling bags may be used in a variety of sampling methods.



No. of Pages : 30 No. of Claims : 12

(54) Title of the invention : PARTICLES AND METHOD FOR PRODUCING THE SAME

(51) International classification :C08J3/12,B01J2/02,B29B9/10
 (31) Priority Document No :2010-055883
 (32) Priority Date :12/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/056126
 Filing Date :09/03/2011
 (87) International Publication No :WO 2011/111861
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

(71)Name of Applicant :

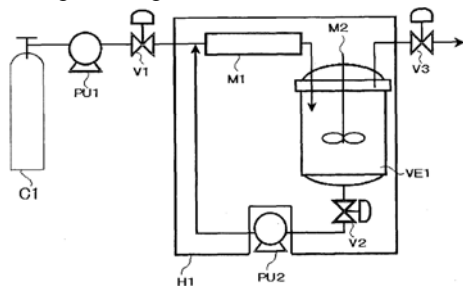
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(72)Name of Inventor :

1)TANAKA, Chiaki**2)INOUE, Ryota****3)NEMOTO, Taichi****4)YAMAUCHI, Yoshitaka**

(57) Abstract :

A method for producing particles, including: bringing a compressive fluid into contact with a pressure plastic material, so as to plasticize the pressure plastic material; applying a shear force to the compressive fluid and the plasticized pressure plastic material, between which an interface exists, in the presence of a surfactant to granulate the pressure plastic material in the compressive fluid, so as to produce particles.



No. of Pages : 113 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2243/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

(54) Title of the invention : METHODS AND APPARATUS FOR MULTI-CAMERA X-RAY FLAT PANEL DETECTOR

(51) International classification :G01T1/20
(31) Priority Document No :61/297,416
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/000229
Filing Date :21/01/2011
(87) International Publication No :WO 2011/089528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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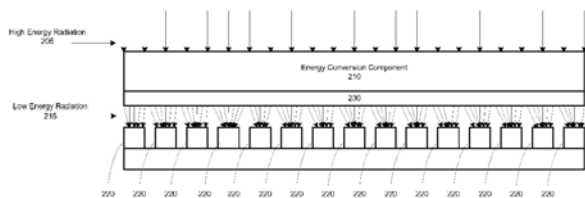
Address of Applicant :Alexander Yanai St.46, Carmelia,
34816 Haifa ISRAEL

(72)Name of Inventor :

1)KOREN, Jacob

(57) Abstract :

According to some aspects, a device comprising a plurality of cameras arranged in an array, each of the plurality of cameras producing a signal indicative of radiation impinging on the respective camera, the plurality of cameras arranged such that the field of view of each of the plurality of cameras at least partially overlaps the field of view of at least one adjacent camera of the plurality of cameras, to form a respective plurality of overlap regions, an energy conversion component for converting first radiation impinging on a surface of the energy conversion component to second radiation at a lower energy that is detectable by the plurality of cameras, and at least one computer for processing the signals from each of the plurality cameras to generate at least one image, the at least one processor configured to combine signals in the plurality of overlap regions to form the at least one image is provided.



No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2244/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 05/04/2013

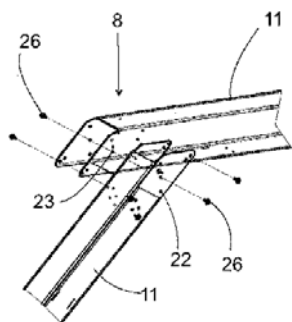
(54) Title of the invention : BUILDING FRAME

(51) International classification :E04B1/24,E04C3/11,F16B43/02
(31) Priority Document No :2010900225
(32) Priority Date :21/01/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000048
Filing Date :18/01/2011
(87) International Publication No:WO 2011/088502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)CAMILLERI, Pierre
(72)Name of Inventor :
1)COOPER, Paul, Alan
2)CAMILLERI, Pierre

(57) Abstract :

A joint (8, 6, 7A, 7C, 8A, 8B, 11 A, 9A, 9B, 9C) for connection of mutually adjacent structural members (11 A, 11 B), (11, 12), (12, 14), (11, 13), (11, 11), (11, 12), characterized in that each structural member has a pair of opposed walls (18, 19, 20, 21), (24, 24, 22A, 22A), (50, 51, 52A, 52A), (50, 51, 52C, 52C)1 (99, 100, 24, 24), (99, 102, 24, 24), (102, 102, 24, 24) whereby in formation of said joint ((8, 6, 7A, 7C, 8A, 8B, 11 A, 9A, 9B, 9C) each opposed wall (18, 19), (24, 24), (50, 51), (99, 100), (99, 102), (102, 102) of one structural member (11 A, 11, 12) is located adjacent to a proximal opposed wall (20, 21), (22A, 22A), (24, 24) of another structural member (11 B, 12, 14, 13, 11) and connected thereto by fasteners (26, 17A, 17B).



No. of Pages : 69 No. of Claims : 23

(54) Title of the invention : MEMORY HAVING INFORMATION REFINEMENT DETECTION FUNCTION, INFORMATION DETECTION METHOD USING MEMORY, DEVICE INCLUDING MEMORY, INFORMATION DETECTION METHOD, METHOD FOR USING MEMORY, AND MEMORY ADDRESS COMPARISON CIRCUIT

(51) International classification :G06F17/30,G06F7/04,G06F12/00
 (31) Priority Document No :2010-033376
 (32) Priority Date :18/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053419
 Filing Date :17/02/2011
 (87) International Publication No :WO 2011/102432
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INOUE, Katsumi

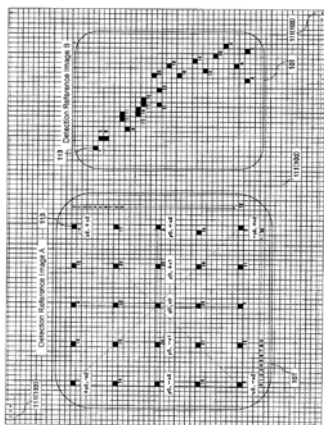
Address of Applicant :4-7-4-101,Matsuba-cho,Kashiwa-shi, Chiba 2770827 JAPAN

(72)Name of Inventor :

1)INOUE, Katsumi

(57) Abstract :

The disclosed memory is capable of storing information in each of a plurality of memory addresses and reading out said information. The memory having an information refinement detection function is provided with: an input means for input data which is both externally provided first data which is data for comparing stored memory data and second data which is data for comparing addresses; a means for determining in double parallel, the acceptability or not of the information data stored both in both of the kinds of input data obtained from the input means, and the addresses of the same, and carrying out further logical calculations in parallel on the results of both of the acceptability determinations; and a means for outputting the address of the memory which passes the logical calculation. The intelligent information search can be widely used in current artificial intelligence etcetera.



No. of Pages : 102 No. of Claims : 86

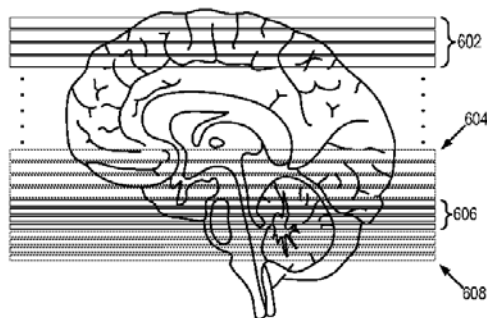
(54) Title of the invention : METHOD FOR SIMULTANEOUS MULTI-SLICE MAGNETIC RESONANCE IMAGING USING SINGLE AND MULTIPLE CHANNEL RECEIVER COILS

(51) International classification :G01R33/48,G01R33/565,A61B5/055
 (31) Priority Document No :61/308,170
 (32) Priority Date :25/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/026250
 Filing Date :25/02/2011
 (87) International Publication No :WO 2011/106649
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)LI, Shi-Jiang
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(57) Abstract :

A method for reconstructing a plurality of images depicting a subject from image data that is simultaneously acquired from a corresponding plurality of slice locations with a magnetic resonance imaging (MRI) system is provided. Image data is acquired following the application of radio frequency (RF) energy to the plurality of slice locations. The RF energy is tailored to provide a different phase to each of the plurality of slice locations. Reference image data is also acquired for each slice location following the application of RF energy that has the same phase as is used to excite the respective slice location for the acquisition of the image data. Aliased images are reconstructed from the image data, and reference images are reconstructed from the reference image data. Using both of these image sets, an unaliased image is produced for each of the plurality of slice locations.



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(12) PATENT APPLICATION PUBLICATION

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(19) INDIA

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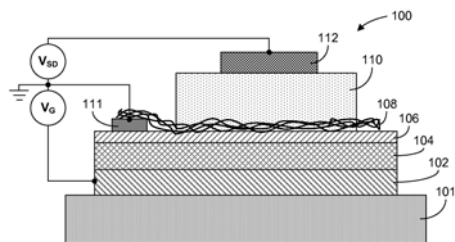
(54) Title of the invention : SEMICONDUCTOR DEVICES INCLUDING AN ELECTRICALLY PERCOLATING SOURCE LAYER AND METHODS OF FABRICATING THE SAME

(51) International classification :H01L51/00
(31) Priority Document No :61/310,342
(32) Priority Date :04/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/027155
Filing Date :04/03/2011
(87) International Publication No :WO 2011/109693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Various embodiments are provided for semiconductor devices including an electrically percolating source layer and methods of fabricating the same. In one embodiment, a semiconductor device includes a gate layer, a dielectric layer, a memory layer, a source layer, a semiconducting channel layer, and a drain layer. The source layer is electrically percolating and perforated. The semiconducting channel layer is in contact with the source layer and the memory layer. The source layer and the semiconducting channel layer form a gate voltage tunable charge injection barrier.



No. of Pages : 43 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

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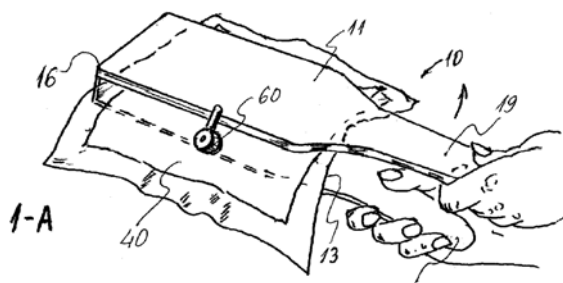
(54) Title of the invention : DEVICE FOR FLUID SAMPLING

(51) International classification :B65D33/02
(31) Priority Document No :61/305,001
(32) Priority Date :16/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025071
Filing Date :16/02/2011
(87) International Publication No :WO 2011/103181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MIHAYLOV, Gueorgui, M.
2)TRUEX, Bryan, I.

(57) Abstract :

The disclosure is directed to a device for fluid sampling. The device may have two panels that are or may be adhered, attached or otherwise connected to opposite sides of a sampling bag having flexible walls. The panels may be used for conveniently inflating or deflating the sampling bag and obtaining fluid samples.



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

(54) Title of the invention : CORIOLIS MASS FLOWMETER

(51) International classification :G01F 1/84
 (31) Priority Document No :102011114569.9
 (32) Priority Date :30/09/2011
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

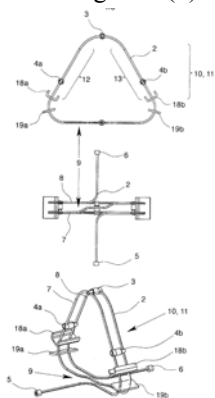
1)KROHNE AG,Address of Applicant :UFERSTRASSE 90 4019 BASEL,
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(72)Name of Inventor :

1)DR. YOUSIF HUSSAIN**2)DR. TAO WANG**

(57) Abstract :

Shown and described is a Coriolis mass flowmeter (1) with a measuring tube (2) that can have a medium flowing through it, with at least one actuator (3) and with at least one sensor (4a, 4b), wherein the measuring tube (2) is bent between its input end (5) and its output end (6) into a first winding (7) and a second winding (8), the first winding (7) and the second winding (8) merging into one another at a transitional section (9) of the measuring tube (2), the first winding (7) and the second winding (8) running in parallel winding planes and being opposite one another and wherein the first winding (7) and the second winding (8) can be excited to oscillation in oscillating sections (10, 11) by the actuator (3) and the oscillations can be detected by the sensor (4a, 4b). This Coriolis mass flowmeter is comparably insensitive to the coupling of external oscillations in that the oscillating sections (10, 11) of the first winding (7) and the second winding (8) are bent into a V shape and each open in the direction of the transitional section (9) of the measuring tube (2).



No. of Pages : 23 No. of Claims : 14

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	197481	721/DEL/1996	02/04/1996	27/02/1996	AQUEOUS FOAMING SURFACTANT DISPERSION AND A METHOD OF MAKING THE SAME	IMPERIAL CHEMICAL INDUSTRIES PLC.	25/03/2005	DELHI
2	197486	731/DEL/1996	03/04/1996	05/04/1995	A PROCESS FOR PREPARING A HYDROPHOBICALLY END CAPPED POLY (ACETAL-OR KETAL- POLYETHER)	AQUALON COMPANY	25/03/2005	DELHI
3	255889	3290/DELNP/2004	06/06/2003	06/06/2002	A THERMOELECTRIC POWER GENERATOR	BSST, LLC	09/10/2009	DELHI
4	255905	5107/DELNP/2006	31/03/2005	31/03/2004	HIGH SOLIDS CONTENT DISPERSIONS	THE LUBRIZOL CORPORATION	22/06/2007	DELHI
5	255906	5256/DELNP/2005	06/11/2002	06/11/2001	AN ENCAPSULATION STRUCTURE THAT ACTS AS A MULTILAYER MIRROR IN OLED STRUCTURE	UNIVERSAL DISPLAY CORPORATION	27/05/2011	DELHI
6	255907	3321/DELNP/2004	07/05/2003	08/05/2002	PLASMA GENERATION AND PROCESSING WITH MULTIPLE RADIATION SOURCES	BTU INTERNATIONAL INC.	13/11/2009	DELHI
7	255908	2054/DEL/2006	31/01/2005		TAMPER PROOF METERING APPARATUS	KLG SYSTEL LTD	12/09/2008	DELHI
8	255911	4817/DELNP/2005	13/05/2004	13/05/2003	A CHROMOGENIC ENZYMATIC SUBSTRATE	BIOMERIEUX	28/09/2007	DELHI
9	255914	4198/DELNP/2007	02/12/2005	02/12/2004	METHOD FOR AFFINITY PURIFICATION	BAC IP B.V.	31/08/2007	DELHI
10	255917	3132/DELNP/2004	26/03/2003	05/04/2002	A SYSTEM FOR AUTOMATED SPEECH PROCESSING	INTEL CORPORATION	23/01/2009	DELHI
11	255924	6107/DELNP/2005	24/01/2003	28/01/2002	AN INFORMATION REPRODUCTION APPARATUS FOR REPRODUCING CONTENTS RECORDED ON MEDIUM	SONY CORPORATION	09/05/2008	DELHI
12	255926	2650/DELNP/2006	25/11/2004	28/11/2003	A(R)(D) MANDELIC ACID SALT OF FORMULA VI	ASTRAZENECA AB	03/08/2007	DELHI
13	255927	4150/DELNP/2006	22/12/2004	22/12/2003	A MARCHANTIALES-DERIVED ISOLATED NUCLEIC ACID	SUNTORY HOLDINGS LIMITED.,	13/07/2007	DELHI
14	255928	1780/DEL/2004	27/11/1998	28/11/1997	AUTOMATED BANKING MACHINE	DIEBOLD INCORPORATED	25/08/2006	DELHI

15	255930	3905/DELNP/2004	03/07/2002	03/07/2002	NOISE BALANCED QAM DETECTION IN A RADIO COMMUNICATION SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]	15/08/2008	DELHI
16	255932	393/DEL/2007	26/02/2007		A NOVEL KETENE OLIGOMER FROM ALIPHATIC NON-POLAR AMINO ACIDS AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	05/09/2008	DELHI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	167139	76/BOM/1989	27/03/1989		A PROCESS FOR THE PREPARATION OF AROYL UREAS FROM AROYLTHIOUREAS	SEARLE (INDIA) LIMITED	27/05/1989	MUMBAI
2	167140	77/BOM/1989	27/03/1989		A PROCESS FOR THE PREPARATION OF AROYL UREAS FROM AROYL THIOUREAS	SEARLE LIMITED	27/05/1989	MUMBAI
3	167529	10/BOM/1989	04/01/1989		AN IMPROVED COOKING DEVICE	EAGLE FLASK INDUSTRIES PRIVATE LIMITED	25/02/1989	MUMBAI
4	167778	22/BOM/1989	25/01/1989		AN IMPROVED METHOD OF BRIGHT ANNEALING OF SOFT IRON MAGNETIC MATERIAL COMPONENTS	CROMPTON GREAVES LIMITED	11/03/1989	MUMBAI
5	167964	11/BOM/1989	04/01/1989		AN IMPROVED HEATING PAD	EAGLE FLASK INDUSTRIES PRIVATE LIMITED	25/02/1989	MUMBAI
6	167965	17/BOM/1989	16/01/1989		A MAGNETIC DEVICE TO MEASURE THE VELOCITY OF A MOVING COMPONENT	LARSEN & TOUBRO LIMITED	04/03/1989	MUMBAI
7	167966	49/BOM/1989	28/02/1989		A WARNING DEVICE	SHAMAL JAISHANKAR NIRODY	20/04/1989	MUMBAI
8	168289	101/BOM/1989	19/04/1989		AN IMPROVED CASSEROLE.	EAGLE FLASK INDUSTRIES PRIVATE LIMITED	06/03/1989	MUMBAI
9	168290	162/BOM/1989	15/06/1989		A PROCESS FOR THE MANUFACTURE OF A HIGH PERFORMANCE AIR- DRYING POLYURETHANE PAINT FOR COATING METAL OR METAL ALLOY	CROMPTON GREAVES LIMITED	05/08/1989	MUMBAI
10	168406	130/BOM/1989	16/05/1989	17/05/1988	DETERGENT COMPOSITION	HINDUSTAN LEVER LIMITED.	07/01/1989	MUMBAI
11	168407	132/BOM/1989	18/05/1989		A METHOD FOR THE PREPARATION OF AN ORAL COMPOSITION FOR COMBATING DENTAL CRIES	HINDUSTAN LEVER LIMITED.	07/01/1989	MUMBAI
12	168409	259/BOM/1989	20/09/1989		AN IMPROVED HIGH BAY TUBE LIGHTS FITTING SYSTEM	SHIRISH BHILAL PATEL	18/11/1989	MUMBAI

13	168605	47/BOM/1989	28/02/1989	01/03/1988	BLEACHING DETERGENT COMPOSITION	HINDUSTAN LEVER LIMITED	20/04/1989	MUMBAI
14	168609	134/BOM/1989	18/05/1989		A PROCESS FOR PREPARING A SUBSTANTIALLY FLUORINE-FREE ORAL PREPARATION HAVING AN ANTI-CARIES ACTIVITY.	HINDUSTAN LEVER LIMITED	07/01/1989	MUMBAI
15	168719	271/BOM/1989	06/10/1989	07/10/1988	METHOD OF MAKING TOILET SOAP BAR	HINDUSTAN LEVER LIMITED	02/12/1989	MUMBAI
16	168813	16/BOM/1989	13/01/1989		LAUNDRY BARS	HINDUSTAN LEVER LIMITED.	25/02/1989	MUMBAI
17	168816	304/BOM/1989	09/11/1989		A PROCESS FOR THE PREPARATION OF NOVEL MONOAZO REACTIVE DYES HAVING THREE REACTIVE SYSTEME	JAYSYNTH PYECHEM LIMITED	13/01/1990	MUMBAI
18	168817	307/BOM/1989	10/11/1989		A PROCESS FOR THE PREPARATION OF NOVEL DISAZO REACTIVE DYES HAVING TO REACTIVE SYSTEM	JAYSYNTH DYECHHEM LIMITED	13/01/1990	MUMBAI
19	168818	306/BOM/1989	10/11/1989		A PROCESS FOR THE PREPARATION OF NOVEL MONOAZO REACTIVE DYES HAVING A REACTIVE SYSTEM	JAYSYNTH DYECHHEM LIMITED	13/01/1990	MUMBAI
20	168819	329/BOM/1989	28/11/1989		THE MULTI LINER A GEOMETRICAL INSTRUMENT	LAXMAN RAMJI DIVEKAR	20/01/1990	MUMBAI
21	168843	79/BOM/1989	27/03/1989		AN IMPROVED MULTIPLE IRRIGATION SYSTEM	POLYOLEFINS INDUSTRIES LIMITED	27/05/1989	MUMBAI
22	168844	97/BOM/1989	17/04/1989		FILTER PRESS TYPE BI-POLARCIRCULAR WATER ELECTROLYSER	VASANTBHAI DESAIBHAI PATEL,AMBALAL RAMDAS PATEL	03/06/1989	MUMBAI
23	168846	175/BOM/1989	26/06/1989		IMPROVEMENTS IN OR RELATING TO A TOY THE BOUNCING HORSE.	SURENDRA SHANTARAM SANE	26/08/1989	MUMBAI
24	169249	216/BOM/1989	03/08/1989		A DEVICE FOR PRE-COOLING AND FREEZING OR HARDENING PERISHABLE FOOD ARTICLES	TRIDIB KUMAR GOSWAMI,NAVEEN KUMAR SETH,KWALITY FROZEN FOODS PVT.LTD.	23/09/1989	MUMBAI
25	169427	252/BOM/1989	12/09/1989		A PROCESS FOR THE MANUFACTURE OF PLANT GROWTH REGULATOR FRON RICE BRAN FATTY ACID DISTILLATION RESIDUE	THE TATA OIL MILLS COMPANY LIMITED	18/11/1989	MUMBAI
26	169443	98/BOM/1989	17/04/1989		A PUSH FIT JOINT SYSTEM FOR COVERING JOINTS FORMED IN THE CONSTRUCTION OF PROTECTIVE SHEATH (CASING-CAPPING) FOR ELECTRIC CONDUCTORS	ABDUL AZIZ	03/06/1989	MUMBAI

27	169822	91/BOM/1989	10/04/1989		A TOY	VANESH GOKAL,HEMRAJ GOKAL	03/06/1989	MUMBAI
28	169824	114/BOM/1989	28/04/1989	21/07/1988	DETERGENT COMPOSITION AND PROCESS FOR PREPARING THEM	HINDUSTAN LEVER LIMITED	17/06/1989	MUMBAI
29	169825	131/BOM/1989	16/05/1989		A POCES FOR THE HYDROGENATION OF HIGHER NITRILES TO AMINES	HINDUSTAN LEVER LIMITED.	07/01/1989	MUMBAI
30	169828	172/BOM/1989	12/03/1985		AN IMPROVED MULTIFILAMENT LAMP WITH A PLASTIC BUTTON ON THE SIDE OF THE CAP.	VIPIN CHAMPSEY SHAH	19/08/1989	MUMBAI
31	169918	75/BOM/1989	05/08/1987	06/08/1986	PROCESS FOR THE PREPARING A PETROLEUM CRACKING CATALYST CONTANING A SILICA/MAGNESIA CATALYST COGEL BASE	HINDUSTAN LEVER LIMITED	27/05/1989	MUMBAI
32	169920	92/BOM/1989	10/04/1989		AN APPARATUS FOR A GAME	VANESH GOKAL,HEMRAJ GOKAL	03/06/1989	MUMBAI
33	170133	37/BOM/1989	09/02/1989		A PROCESS OF MANUFACTURING LUBRICATING FLUID FOR PULLING CABLES THROUGH DUCTS	GARWARE-WALL R & D DIVISION	01/04/1989	MUMBAI
34	170135	80/BOM/1989	29/03/1989		APPARATUS FOR PERFORMING GROUP CONTROL ON ELEVATORS.	KABUSHIKI KAISHA TOSHIBA	27/05/1989	MUMBAI
35	170472	113/BOM/1989	28/04/1989	29/04/1988	PROCESS FOR PREPARING DETERGENT COMPOSITIONS AND COMPOSITIONS THERBY PRODUCED	HINDUSTAN LEVER LIMITED	17/06/1989	MUMBAI
36	170473	128/BOM/1989	12/05/1989		A DROPPER NOZZLE WITH PILFER RESISTANT CLOSURE HOOD FOR BOTTLE OR THE LIKE CONTAINER.	GIRISH KAUSHIK	01/07/1989	MUMBAI
37	170474	177/BOM/1989	29/06/1989		POWER TRANSMITTING AXLE DRIVING DEVICE FOR AUTO VEHICLES	PESTANJI NARIMAN CONTRACTOR	26/08/1989	MUMBAI
38	170479	323/BOM/1989	20/11/1989		A PROCESS FOR THE PREPARATION OF NOVEL DISAZE REACTIVE DYES HAVING TWO REACTIVE SYSTEME	JAYSYNTH DYECHAM LIMITED	13/01/1990	MUMBAI
39	170484	135/BOM/1989	23/05/1989		AN IMPROVED ELECTRO-CHLORINATOR SYSTEM FOR CHLORINATION OF WATER	ION EXCHANGE INDIA LTD.	15/07/1989	MUMBAI
40	170486	147/BOM/1989	07/06/1989		AN APPARATUS FOR PROCESSING A TEXTURED YARN	BARMAG AG	29/07/1989	MUMBAI

41	170488	208/BOM/1989	25/07/1989		LAUNDRY BARS AND PROCESS FOR PREPARING SAME	HINDUSTAN LEVER LIMITED	16/09/1989	MUMBAI
42	170489	243/BOM/1989	28/08/1989		BUILT DETERGENT BARS	HINDUSTAN LEVER LIMITED	11/11/1989	MUMBAI
43	170593	188/BOM/1989	10/07/1989		A PLANT FOR GENERATING BIOGAS FROM BIOMASS OBTAINED FROM KITCHEN WASTE FROM HOTELS MESSE CANTEENS AND THE LIKE	KIRLOSKAR BROTHERS LIMITED	09/09/1989	MUMBAI
44	171068	138/BOM/1989	29/05/1989		SOIL COLLECTING AND HANDLING DEVICE	ZAKIR HUSSAIN	15/07/1989	MUMBAI
45	171181	212/BOM/1989	31/07/1989		SOAP COMPOSITIONS IN SOLID OR PASTE FORMS AND METHOD OF MAKING SAME	HINDUSTAN LEVER LIMITED.	23/09/1989	MUMBAI
46	171572	152/BOM/1989	09/06/1989		A DEVICE FOR SELF-PRESSURISING AND DISCHARGING A REFRIGERANT	TRIDIB KUMAR GOSWAMI,NAVEEN KUMAR SETH,KWALITY FROZEN FOODS PVT.LTD.	29/07/1989	MUMBAI
47	174535	102/BOM/1992	31/03/1992		A PROCESS FOR THE MANUFACUTURE OF HYDRAULIC SETTING CEMENTS FORM CHALK WASTE.	TATA RESEARCH DEVELOPMENT & DESIGN CENTRE	27/06/1992	MUMBAI
48	174540	302/BOM/1993	20/09/1993		A PROCESS OF PREPARING PLANT BASED AYARVEDIC FORMULATION FOR THE TREATMENT OF PARKINSON S DISEASE.	ZANDU PHARMACEUTICAL	01/01/1994	MUMBAI
49	176215	63/BOM/1993	04/03/1993		AN ORAL COMPOSITION OF STABILIZED PEROXIDE GEL CONTAINING FLYORIDE	HINDUSTAN LEVER LIMITED	29/05/1993	MUMBAI
50	176976	429/BOM/1992	29/12/1992		AM IMPROVED PLANT GROWTH PROMOTING COM POSITION	HINDUSTAN LEVER LIMITED	15/02/1997	MUMBAI
51	255884	971/MUMNP/2009	16/11/2007	16/11/2006	LOW PRESSURE PRODUCTION OF DRINKING WATER	ACUITY/SPARKLE LTD.	03/07/2009	MUMBAI
52	255890	1826/MUMNP/2007	28/02/2005	27/02/2004	A LATCH FOR MOUNTING IN OPENINGS IN A THIN WALL	DIETER RAMSAUER	23/11/2007	MUMBAI
53	255892	736/MUM/2005	22/06/2005		CLICK FIT MECHANISM AND DEFEAT MECHANISM IN AN ELECTROMAGNETIC CONTACTOR	LARSEN & TOUBRO LIMITED	23/03/2007	MUMBAI
54	255893	1923/MUM/2007	28/09/2007 10:57:27		AN INTEGRATED LIFTING ARRANGEMENT AS TWO POINT LINKAGE TO ATTACH AND LIFT ANY IMPLEMENT TO A VEHIVLE	JAYANTHI JAYACHNADRA RAO	30/11/2007	MUMBAI

55	255897	277/MUMNP/ 2007	15/07/2005	05/08/2004	A COMBING MACHINE WITH AN ASSEMBLY FOR SUPPLYING A FIBRE MASS TO A COMBING DEVICE	MASCHINENFABRIK RIETER AG	20/07/2007	MUMBAI
56	255898	772/MUM/200 3	06/08/2003	09/09/2002	AIR PUMP ACTUATING APPARATUS	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/04/2005	MUMBAI
57	255900	452/MUMNP/ 2008	30/09/2006	19/10/2005	METHOD FOR THE BIDIRECTIONAL TRANSMISSION OF DATA BETWEEN ONE OR MORE TEXTILE MACHINES	OERLIKON TEXTILE GMBH & CO. KG	27/06/2008	MUMBAI
58	255901	474/MUMNP/ 2008	22/08/2006	22/08/2005	A METHOD AND APPARATUS FOR PROVIDING AUXILIARY FORWARD LINK MIMO PILOT TRANSMISSION IN 1XEV-DO	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
59	255913	653/MUMNP/ 2006	22/11/2004	03/12/2003	WAVELENGTH DIVISION MULTIPLEX OPTICAL RING NETWORK	ERICSSON AB,,ERICSSON AB	18/05/2007	MUMBAI
60	255915	1110/MUM/20 06	13/07/2006		METHOD FOR THE PRODUCTION AND PURIFICATION OF POLYSIALIC ACID	SERUM INSTITUTE OF INDIA LIMITED	04/07/2008	MUMBAI
61	255916	2020/MUMNP /2008	23/02/2007	23/02/2006	AN ENZYME DETECTION PRODUCT AND A METHOD FOR THE SAME	MOLOGIC LTD.	16/01/2009	MUMBAI
62	255920	1046/MUM/20 04	24/12/1999	28/12/1998	SILYL (METH) ACRYLATE COPOLYMERS, PROCESSES FOR PREPARING THE SAME,	CHUGOKU MARINE PAINTS LTD.	08/06/2007	MUMBAI
63	255922	2192/MUMNP /2008	29/03/2007	31/03/2006	FOAMABLE SUSPENSION GEL	STIEFEL RESEARCH AUSTRALIA PTY LTD	20/02/2009	MUMBAI
64	255923	100/MUMNP/ 2009	19/06/2007	24/07/2006	IMPROVED BEVERAGE	HINDUSTAN UNILEVER LIMITED	08/05/2009	MUMBAI
65	255925	1371/MUM/20 09	04/06/2009	13/08/2008	GENE ENCODING PROTEIN EXHIBITING ACTIVITY OF PYRETHRIN BIOSYNTHETIC ENZYME AND VECTOR BEARING THE GENE	AN EDUCATIONAL FOUNDATION KINKI UNIVERSITY ,DAINIHON JOCHUGIKU CO.,LTD.	19/11/2010	MUMBAI
66	255929	1239/MUMNP /2009	04/01/2008	04/01/2007	COMPOSITION AND METHOD FOR ENABLING PROLIFERATION OF PLURIPOTENT STEM CELLS	TRYGGVASON KARL,DOMOGATSKAYA ANNA,RODIN SERGEY	17/07/2009	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

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Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	255887	IN/PCT/2002/ 175/CHE	08/08/2000	10/08/1999	PROCESS FOR THE PREPARATION OF ACYLATED 1,3- DICARBONYL COMPOUNDS	SYNGENTA PARTICIPATIONS AG	12/10/2007	CHENNAI
2	255894	163/CHE/2005	24/02/2005		A METHOD FOR RETRIEVING AND PRINTING INFORMATION FROM A REMOTE SERVER USING A MULTI FUNCTION PERIPHERAL/PRINTER	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	16/03/2007	CHENNAI
3	255895	759/CHE/2005	20/06/2005		A METHOD FOR TRANSFERRING A SCANNED DOCUMENT FROM A MULTIFUNCTIONAL PERIPHERAL (MFP) DEVICE TO A REMOTELY CONNECTED DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	27/07/2007	CHENNAI
4	255896	2883/CHENP/ 2004	20/06/2003	20/06/2002	METHOD AND APPARATUS FOR KEY GENERATION IN A COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
5	255902	414/CHE/2005	12/04/2005	14/04/2004	CATALYST COMPRISING A 10MR ZEOLITE AND A 12MR ZEOLITE, AND ITS USE IN TRANSALKYLATION OF ALKYLAROMATIC HYDROCARBONS	INSTITUT FRANCAIS DU PETROLE	08/06/2007	CHENNAI
6	255903	1102/CHENP/ 2008	21/09/2006	21/09/2005	METHOD FOR OPERATING A GROUP OF GLOW PLUGS IN A DIESEL ENGINE	BERU AKTIENGESELLSCHAFT	12/09/2008	CHENNAI
7	255904	2828/CHENP/ 2006	31/01/2005	03/02/2004	AN APPARATUS FOR EXPOSING MATERIALS TO MICROWAVE ENERGY AND A WAVEGUIDE FOR COUPLING MICROWAVE ENERGY THROUGH MICROWAVE CHAMBER	INDUSTRIAL MICROWAVE SYSTEMS, L.L.C.	08/06/2007	CHENNAI
8	255909	1892/CHENP/ 2004	19/12/2003	19/12/2002	TRIGGERING EVENT PROCESSING	QUALCOMM INCORPORATED	21/09/2007	CHENNAI

9	255910	1053/CHE/2004	12/10/2004		METHOD FOR ANYCAST/SHARED UNICAST ADDRESS ASSIGNMENT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	22/06/2007	CHENNAI
10	255912	530/CHENP/2007	07/06/2005	06/07/2004	DEVICE FOR SUPPORTING AND OSCILLATING A CONTINUOUS CASTING MOLD FOR THE CONTINUOUS CASTING OF MOLTEN METALS, ESPECIALLY MOLTEN STEELS, AND METHOD FOR MOUNTING, DISMOUNTING, AND MAINTAINING THE ASSEMBLIES OF THE DEVICE	SMS SIEMAG AKTIENGESELLSCHAFT	24/08/2007	CHENNAI
11	255918	21/CHE/2007	04/01/2007	06/01/2006	A CONTROLLER FOR A SINGLE CYLINDER 4-CYCLE ENGINE	DENSO CORPORATION	28/11/2008	CHENNAI
12	255919	1262/CHE/2006	21/07/2006		METHOD AND SYSTEM FOR EFFICIENT CONNECTION SETUP PROCEDURE FOR MOBILE TERMINATED (MT) CALLS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	02/05/2008	CHENNAI
13	255921	811/CHENP/2007	25/08/2005	26/08/2004	PHOSPHORAMIDITE COMPOUND AND METHOD FOR PRODUCING OLIGO-RNA	NIPPON SHINYAKU CO., LTD	24/08/2007	CHENNAI
14	255931	1791/CHE/2007	13/08/2007		DEVICE FOR SEQUENTIAL NUMBERING OF SHEETS	N.R JAYARAMAN	31/08/2007	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	255885	3076/KOLNP/2007	17/03/2006	18/03/2005	METHOD OF PRODUCING UNSATURATED ACID FROM OLEFIN	LG CHEM, LTD.	07/12/2007	KOLKATA
2	255886	3860/KOLNP/2007	14/03/2006	16/03/2006	SYNTHESIS AND PURIFICATION OF PTEROIC ACID AND CONJUGATES THEREOF	ENDOCYTE, INC	20/06/2008	KOLKATA
3	255888	2005/KOLNP/2006	15/11/2004	20/12/2003	A TRANSCEIVER SYSTEM INCLUDING MULTIPLE RADIO BASE STATIONS THAT SHARE IN ANTENNA AND A METHOD FOR CONSTRUCTING A TRANSCEIVER SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	18/05/2007	KOLKATA
4	255891	2023/KOLNP/2006	08/02/2005	13/02/2004	SWELL CONTROL IN SLURRY LOOP REACTOR.	TOTAL PETROCHEMICALS RESEARCH FELLUY	18/05/2007	KOLKATA
5	255899	945/KOLNP/2008	23/12/2005	05/08/2005	A SUPERABSORBENT POWDER	SCHILL + SEILACHER AKTIENGESELLSCHAFT	19/12/2008	KOLKATA

CONTINUED TO PART- 2