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शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

15th NOVEMBER, 2013

CONTENTS

<i>SUBJECT</i>		<i>PAGE NUMBER</i>
JURISDICTION	:	28599 – 28600
SPECIAL NOTICE	:	28601 – 28602
NOTICE (MUMBAI)	:	28603
EARLY PUBLICATION (DELHI)	:	28604 – 28609
EARLY PUBLICATION (MUMBAI)	:	28610 – 28612
EARLY PUBLICATION (CHENNAI)	:	28613 – 28631
EARLY PUBLICATION (KOLKATA)	:	28632 – 28634
PUBLICATION AFTER 18 MONTHS (DELHI)	:	28635 – 28656
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	28657 – 28729
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	28730 – 28832
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	28833 – 28842
PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)	:	28843
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	28844 – 28846
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	28847
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	28848
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	28849 – 28850
INTRODUCTION TO DESIGN PUBLICATION	:	28851
DESIGN CORRIGENDUM	:	28852
COPYRIGHT PUBLICATION	:	28853
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	28854
REGISTRATION OF DESIGNS	:	28855 - 28906

**THE PATENT OFFICE
KOLKATA, 15/11/2013**

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 15/11/2013
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.

NOTICE (MUMBAI)

Patent application number 1551/MUM/2013 dated 29.04.2013 has been postdated under section 17(1) of the Patents Act, 1970 from 29.04.2013 to 01.07.2013. Accordingly the date of filing of said application is 01.07.2013.

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.3203/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING FLEXIBLE POLYMERIC PACKAGING FILM OR FIBROUS SUBSTRATE OR LAMINATE, USING E-BEAM CURING

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHATURVEDI, ASHOK
(32) Priority Date	:NA	Address of Applicant :305, III FLOOR, BHANOT CORNER,
(33) Name of priority country	:NA	PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHATURVEDI, ASHOK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of producing packaging film or laminate or fibrous substrate is described. The method comprises steps of applying an e-beam curable coating on a film and optionally processing the e-beam curable coating on the film at an optional processing unit by atleast one of a process of holography, hot foil printing I stamping, laminating or their combination(s) and further curing the e-beam curable coated film optionally processed, by e-beam radiations at an e-beam curing unit.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2941/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SEWAGE/WASTEWATER TREATMENT.

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RAM SAGAR DUBEY
(32) Priority Date	:NA	Address of Applicant :GANGAGRAM, ROHIT NAGAR,
(33) Name of priority country	:NA	B33/33-A-1-K, NARIA-BHU, VARANASI-221005. Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	2)ATMA RAM DUBEY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. RAM SAGAR DUBEY
Filing Date	:NA	2)ATMA RAM DUBEY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for treatment of sewage/wastewater, comprising passing the sewage through sparking electromagnetic reactor for a certain time.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2620/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : STEM CELL FOR ENLARGEMENT OF MALE ORGAN

(51) International classification	:c12n	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. B.P. SINHA
(32) Priority Date	:NA	Address of Applicant :B-171, CHHATTARPUR EXTN.,
(33) Name of priority country	:NA	NEW DELHI-110074, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. B.P. SINHA
(87) 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 :

Stem Cell for enlargement of male organ is achieved by taking out of the body of the same person his Bone Marrow and injecting it at the root of his male organ. It starts growing in girth and tightness in the vicinity of injected site both ways. When the growth reaches the last point inside at junction of the Muscle and outside at hood it takes time in reversing from the both. Hence both of them get grown quicker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : RECOMBINANT WHOLE CELL CADMIUM BIOSENSOR

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :1, DR. RAJENDRA PRASAD ROAD,
(33) Name of priority country	:NA	KRISHI BHAWAN, NEW DELHI – 110001
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. NEELAM VERMA
(87) International Publication No	: NA	2)SACHIN KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The study resulted in development of a recombinant biosensor plasmid pNV12 by integration of cadC promoter upstream to gfpmut3a of expression vector pAD123. A recombinant biosensor is developed by transforming pNV12 in E. coli DH5a. Recombinant biosensor showed specificity towards cadmium, with a detection limit of 10ug/l and a response time of 15 min. No interference is observed by Pb & Zn, the system required no sample pre-treatment. The developed recombinant biosensor was applied to detect cadmium concentration in 14 samples of milk collected from different rural, urban and industrial area of Punjab out of which one sample from village Tharika of Ludhiana district and one sample from Gobindgarh was found to have Cd at a concentration of 12[ig/l and 18ug/l respectively. In rest of the samples Cd was below detection limit. The developed biosensor could detect 4.46×10^3 n moles of cadmium.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3193/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : ULTRASONIC CAVITATION BULK FLOW REACTOR

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHOSH, SOBHAN
(32) Priority Date	:NA	Address of Applicant :188, SECTOR 14, FARIDABAD
(33) Name of priority country	:NA	121007, HARYANA, INDIA
(86) International Application No	:NA	2)GHOSH, ANINDO
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GHOSH, SOBHAN
(61) Patent of Addition to Application Number	:NA	2)GHOSH, ANINDO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a bulk flow reactor capable of continuous processing of large volumes of fluid mediated reactants through ultrasonic cavitation where intimate mixing or excitation of the reactants is required, including but not limited to chemical or biochemical reactions, leaching, cleaning of small particles, sewage treatment, sludge separation, particle disintegration, preparation of nano particles, colloid formation, emulsification, treatment of contaminated liquids etc. in an energy efficient manner. The invention discloses a three chamber design, with an innovative arrangement of parallel mounted and densely packed sonication modules for mutually isolated, highly efficient ultrasonic energy injection into the medium. Present invention has provided the facility to scale up processing capacity without loss of efficiency caused by increasing power to individual transducers. A further innovation of this invention is provision for separate temperature profiles in three zones, for laboratory, pilot plant and industrial processes which require such control.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2013

(21) Application No.2516/DEL/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : DEVICE FOR INDUCING AND MEASURING PAIN OF LABORATORY ANIMALS

(51) International classification

:A01K

(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)MILIND PARLE

Address of Applicant :DR. MILIND PARLE PROFESSOR
OF PHARMACOLOGY, DEPT. PHARM. SCIENCES, F-8,
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND
TECHNOLOGY, CAMPUS, HISAR (HARYANA), PIN-125001,
INDIA

(72)Name of Inventor :

1)MILIND PARLE

2)MONU

3)SANDEEP KUMAR

(57) Abstract :

The objective of the present invention is to design a device, which would help in producing and measuring pain of small laboratory animals. Yet another objective of the instant invention is to provide an experimental model, which would be useful in detecting the potential analgesic activity of new substances effective in the management of pain. Furthermore, the purpose of present invention was to design a simple device, which would be useful for studying pathophysiology of pain and in exploring mechanism of action of drugs effective in the management of Pain. A New Animal Model was designed and developed in the present study, which helps in inducing and measuring pain of small laboratory animals. This novel device developed in the present invention uses ice-floor to provide Cold stimuli. The animals assume a Flinching posture, just before Fleeing to M-Zone, when they are unable to withstand/endure the cold surface. This model was named as M- Model, since the shape of the Flight/Secure-Zone is like letter M and the first letter of Morphine, a powerful analgesic is also M. Under the influence of analgesics, the animals are able to withstand/endure cold surface of Ice-Floor for a longer period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2288/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM FOR ANALYZING APPLICATIONS ACCURATELY FOR FINDING SECURITY AND QUALITY ISSUES

(51) International classification	:G06F11/07	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IAPPSECURE SOLUTIONS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :74 SHALIN RESIDENCY NR. RAJ
(33) Name of priority country	:NA	RESIDENCY SHILAJ AHMEDABAD GUJARAT India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATEL Vimal A
(87) 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 field of application analysis and more specifically to analysis of applications for determining security and quality issues. The present invention describes a novel application analysis system providing a platform for accurately analyzing applications which is useful in finding security and quality issues in an application. In particular, the present invention is composed of an advanced fusion analyzer which gains a detailed understanding of the application behavior by using a novel multi-way coordination and orchestration across components used in the present invention to build and continuously refine a model representing knowledge and behavior of the application as a large network of objects across different dimensions and using reasoning and learning logic on this model along with information and events received from the components to both refine the model further as well as drive the components further by sending information and events to them and again using the information and events received as a result to further trigger the entire process until the system stabilizes. The present invention is useful in analysis of internet/intranet based web applications, desktop applications, mobile applications and also embedded systems as well as for hardware, equipment and machines controlled by software.

No. of Pages : 105 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2013

(21) Application No.1327/MUM/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM FOR RAIN WATER HARVESTING FROM RAILWAY PLATFORMS SHADE AND OTHER PLACES

(51) International classification	:E03B3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. DESHPANDE SHARADCHANDRA GOVIND
(32) Priority Date	:NA	Address of Applicant :RAHUL CLINIC, 24 ELLORA
(33) Name of priority country	:NA	COMPLEX NEXT TO SBI ZONAL OFFICE CIDCO N-5
(86) International Application No	:NA	AURANGABAD, MAHARASHTRA, INDIA
Filing Date	:NA	2)DR. DESHPANDE RAHUL SHARADCHANDRA
(87) International Publication No	: NA	3)MRS. DESHPANDE RAPATWAR ANAGHA
(61) Patent of Addition to Application Number	:NA	PRABHAKAR
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DR. DESHPANDE SHARADCHANDRA GOVIND
Filing Date	:NA	

(57) Abstract :

The present invention provides a system of the rain water harvesting at railway platforms or hig buildings having large shades or terraces and balconies exposed to atmosphere wherein the rain water following could be harvested. The system comprises connecting the slanting edges of the large sheds of the railway platforms or large terraces and balconies with colleting means such as pipes, interconnecting the said pipes to form a network converging into overhead tanks or bore wells. The water so collected in the storage tanks or bore well could be utilized for common public, generation of electricity etc for the benefit of the society.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2013

(21) Application No.3338/MUM/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A WATER HEATER.

(51) International classification	:F24H1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. SUHAS RAMCHANDRA JADHAV
(32) Priority Date	:NA	Address of Applicant :170A, UTKARSHA, RAJOPADHYE
(33) Name of priority country	:NA	NAGAR, RADHANAGARI ROAD, KOLHAPUR,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	2)MR. SANTOSH MANOHAR INGAWALE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. SUHAS RAMCHANDRA JADHAV
Filing Date	:NA	2)MR.SANTOSH MANOHAR INGAWALE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a water heater which consists of outer cell, inner cell; combustion chamber which consists of outer cell, combustion chamber, ash cell, removable spiral coil; ash cell, removal spiral coil, fixed spiral coil, net, outer cell bottom plate, combustion chamber bottom plate, combustion chamber top plate, inner cell top plate, outer cell top plate, exhaust pipe, inlet, flexible connections pipes, temperature gauge connection, handle, hot water outlet; heat stopper which consists of exhaust pipe, half round plates, rod; door assembly which consists of 2nos box hinges, door handles, 13mm holes; box hinges

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1647/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 15/11/2013

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

(51) International classification	:G06Q20/00
(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)KUDIMUSKULA PRASAD REDDY
Address of Applicant :H.NO. 61, Shikara, Bachupally,
Qutbullapur Mandal, Ranga Reddy District, Andhra Pradesh,
India.

(72)**Name of Inventor :**
1)KUDIMUSKULA PRASAD REDDY

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for refunding online payments and offline payments made towards purchased products and services. The method includes, assigning an authentication card to a user registered with a refunding entity to create a personalized user account, updating the personalized user account with one or more payment credentials corresponding to one or more purchases made with one or more online merchants and one or more offline merchants authorized by the refunding entity and refunding a predefined part of payment to the user by the refunding entity for the purchases made with the one or more online merchants and the one or more offline merchants after a predetermined period of time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4090/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : A PLUG IN TYPE ELECTRONIC BALLAST DESIGN

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. THOMMACHAN THOMAS
(32) Priority Date	:NA	Address of Applicant :THODUKAYIL HOUSE, M-7,
(33) Name of priority country	:NA	SAKTHI NAGAR, IRINJALAKUDA - 680 125 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. THOMMACHAN THOMAS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improvement in use and application for fluorescent tube ballast design. In conventional electronic ballast, long wires are used for connecting them with the lamp circuit. But in this design, the wires are replaced with small pins on the ballast. A base plate is attached to the lamp frame. The base plate is provided with tiny receptor sockets for the pins of ballast. The base plate is fitted to the lamp frame and lead wires are connected to this base plate. Unlike the conventional electronic ballast which has long wires attached to them, this ballast is very compact and easily replaceable.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/10/2013

(21) Application No.4566/CHE/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A NOVEL REFLECTION LASER HEAD

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMU SOMASUNDARAM
(32) Priority Date	:NA	Address of Applicant :C/O. R.BALAKRISHNAN, NO 151
(33) Name of priority country	:NA	SRI SAIRATHNA ILLAM, 3RD STREET, SENGUNTHAR
(86) International Application No	:NA	NAGAR, PERRIYA SEMOOR P.O EROD DIST - 638 004 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAMU SOMASUNDARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel reflection laser head mounted on a conventional platform and comprising of plurality of lens boxes with lenses a conventional motor, upper and lower plates having suitable holes, conventional pulleys time belt, a capillary rod, a small rod, a laser box and a laser tube; wherein a conventional laser beam is generated and passes through lense members suitably fixed in the lens boxes; wherein a static box member and motor member or fitted upon the upper plate; wherein capillary rod member connecting upper and lower plate numbers and laser box member having an air tube are assembled; wherein the rod members are connected with time belt in between lower and upper plates via conventional pulley medium; wherein the fourth lense member is fixed in 96° and reflects the laser beam to the focus lens member; wherein the laser box member moves in X, Y and Z directions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3912/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : BROADBAND CIRCULARLY POLARISED CAPACITIVE FED TRUNCATED SQUARE MICROSTRIP ANTENNA FOR GPS APPLICATIONS

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SATHIYAMOORTHY MURUGAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ECE, K.L.N.
(33) Name of priority country	:NA	COLLEGE OF ENGINEERING, POTTAPALAYAM (P.O),
(86) International Application No	:NA	SIVAGANGAI - 630 611 Tamil Nadu India
Filing Date	:NA	2)DR. VAYANAPERUMAL RAJAMANI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SATHIYAMOORTHY MURUGAN
Filing Date	:NA	2)DR. VAYANAPERUMAL RAJAMANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel broadband circularly polarized capacitive fed truncated square Microstrip antenna for Global positioning systems applications is designed operate in the frequency range 1.23-1.77GHz, covering L1 and L2 frequency bands of Global Positioning System (GPS). A square patch of size 70mm 70 mm, printed on the FR4 substrate (thickness 1.6mm), suspended above the ground plane (16mm) is designed. This square patch is truncated in the shape of triangle in any two diagonally opposite corners. The antenna structure incorporates a capacitive feed strip which is fed by a coaxial probe. The suspended type microstrip antenna is used to increase the impedance bandwidth. The proposed structure is designed, simulated, fabricated and tested. The parameters such as return loss, VSWR, impedance, radiation efficiency, axial ratio and radiation pattern are used for analyzing the performance of the antenna. The resonating frequency is achieved at the 1.575GHz and 1.295GHz. The measurement results show that the antenna offers wide impedance bandwidth covering the required frequencies 1.23-1.77GHz, 36% impedance bandwidth at centre frequency of 1.5 GHz. Both simulation and measurement results of impedance matching of the antenna agreed with each other. The radiation characteristics show that circular polarisation is obtained in the frequency range from 1.4-1.8GHz (23% axial ratio bandwidth within the impedance bandwidth). The antenna provides an average gain of approximately 4.5 dB in the entire desired frequency bands.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2013

(21) Application No.4662/CHE/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : VELOCITY RIDER

(51) International classification

:F16H

(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)C.M. SRIKRISHANAN

Address of Applicant :NO.8, 'C' BLOCK, ROHINI GARDEN,
R.A. PUURAM, CHENNAI - 600 028 Tamil Nadu India

(72)Name of Inventor :

1)C.M. SRIKRISHANAN

(57) Abstract :

This invention is a multiple gear system that works on the basis of rotational mechanics. This mechanism enables to conserve energy thus helps to prevent global warming. This invention holds n number of large and small gears which are attached to each other in a way to give a synchronized rotation with same angular velocity, constituting a gear box, n is users choice. In this invention every successive gear-box is linked with the preceding one in a way that the large gear of previous gear-box is connected to the small gear of the next gear-box where due to which the angular velocity of it is increased, the same order of increment is followed till the nth gear-box. The ratio of the large and the small gear can be of any ratio and it can also vary from each gear-box if required. In the present generation engines that cause pollution due to consumption of burning fuel are dominant over mechanical machines that use motor as they are more efficient, but on applying this pattern one can make motors more efficient which avoids combustion hence preventing global warming.

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

(54) Title of the invention : FACE LOCATING AND NOTIFYING SYSTEM (FLNS)

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNOJ ANTONY
(32) Priority Date	:NA	Address of Applicant :PURACKAL (H), ARIMANAL P.O,
(33) Name of priority country	:NA	MALAPURAM (DIST), PIN - 676 525 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNOJ ANTONY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method and apparatus of the present invention can survey various premises and immediately detect and identify particular unwanted persons, such as known terrorists, criminals, fugitives, people missing from their locations or people of specific importance by using face recognition technology and notifies the concerned personals through SMS, email and voice call with located image, alert message, name of the person in the image, other known details, located time, date and location by installing Face Locating and Notifying System in Airports, railway stations, bus stands, traffic signals (FLNS will locate people even if they are in vehicles), apartments and clubhouses . The method utilizes recognizing faces through FLNS image comparison software. FLNS image comparison has been done by comparing the input images with the images in the database by analyzing physical facial features like, distance between the eyes, distance between the centre of eyes to nose, distance between nose and mouth, distance between centre of eyes and mouth and shape of the face. FLNS is capable to identify even if a person is disguised. The method involves capturing a video, storing corresponding timings according to the infrared sensor which has been attached to the system, signal cut off timing which has been occurred due to entry of a person or object into the specific area, IR sensor, senses an object is entered in the specific area. FLNS image development software develops images from the video by detecting face with the help of sensor provided timings or combining several videos which have been used to cover a specific area from different angles and creates a new video to get the clear facial view of entering person, develops images from the combined video by detecting face with the help of sensor timings and saves it in the appropriate database. Then FLNS image comparison software compares the input images in above mentioned database with the previously saved images database and the database which have been connected to a server which have details of general people or directly connected to government unique id system like Aadhaar. Whenever a match or mismatch occurs(according to the requirement), notifies the concerned personals by using internet through SMS, email and voice call with alert message, located persons image, name, address, other known details, located date and time, and location. Every FLNS system will be mapped with a location according to the area where it is installed or else, FLNS will identify the location by getting latitude and longitude values. FLNS can perform actions like updating an attendance database if a match or mismatch occurs (according to the requirement).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2012

(21) Application No.4785/CHE/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : REMOTE IMAGE BASED MEASUREMENT SYSTEM

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DOWRAY RAGHAVENDRA RAO
(32) Priority Date	:NA	Address of Applicant :NO: 219, 3RD CROSS, C.T. BED,
(33) Name of priority country	:NA	THYAGARAJANAGAR, BANGALORE - 560 028 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)SHREYAS HAMPALI SHIVAKUMAR
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DOWRAY RAGHAVENDRA RAO
Filing Date	:NA	2) SHREYAS HAMPALI SHIVAKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Remote Image Based Measurement System for measuring the linear dimensions of civil constructions using a pair of camera captured images. An algorithm is implemented in a Computer to process these images for obtaining measurements. Image Capturing Device has two digital cameras (1) placed in a manner that their optical axes are parallel to each other and separated by a finite distance, which capture the images simultaneously, storing them separately. An algorithm implemented in a Computer takes as input the pair of camera captured images and a set of user defined corner points in one of the images, whose inter-distances are measured by solving the stereo correspondence problem, according to which images of the corner points on one image corresponding to the corner points on the other image are located. These corresponding corner points are then used to calculate the coordinates of the corner points in the 3D space.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4229/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : AUTOMATIC CAR COVER CLOSER

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. NITHYANANDHAN
(32) Priority Date	:NA	Address of Applicant :4/41, LAKSHMI NAGAR,
(33) Name of priority country	:NA	KONDAMPATTI ROAD, KINATHUKADAVU (TK),
(86) International Application No	:NA	POLLACHI, COIMBATORE - 642 109 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M. NITHYANANDHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Automatic Car cover closing system is the first invention in India. In worldwide there is no effective instrument exist to solve the car owners problem. In the present day, car covers are made by either plastic or cloth material. This covers are using only manually. The car owners love their cars to prevent from dust. By using this manual covers they feel inconvenient to open, close and tie regularly. Most of the owners expecting an instrument to solve their problem. I invented this instrument based on Mechanical system. This instrument operates by two DC Motors with the help of Remote Sensor. This instrument will use only by fixing it under the portico of the buildings.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4929/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING A USER TO INQUIRY AND PURCHASE PRODUCTS IN A STORE

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DULLA VIJAYABHASKER REDDY
(32) Priority Date	:NA	Address of Applicant :1-179, RUDRARAM VILLAGE,
(33) Name of priority country	:NA	KODANGAL MANDAL, MAHBUBNAGAR - 509 336 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DULLA VIJAYABHASKER REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An exemplary embodiment of the present disclosure is directed towards a system for enabling a user to inquiry and purchase products in a store. The system includes a product selecting platform comprising a product listing unit, a location based service, a product representation unit, a product validation unit, a product rating unit, a product price comparison unit, a payment unit and a local data repository unit to inquiry the list of products and select the one or more products required by the user for purchase by selecting one or more stores in a selected geographical location. The selected list of products are purchased by a payment unit and the purchased products are collected by visiting the corresponding store or by communicating with the corresponding merchant for personal delivery of products at a specified geographical location.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5134/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : ACSR CONDUCTOR DETECTOR

(51) International classification

:G01N

(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)KALARICKAL CHELLAPPAN BAIJU

Address of Applicant :VISMAYAM (VADAKKE
KALARICKAL) PATTANAKAD P.O CHERTHALA,
ALAPPUZHA (DIST), PIN:688 531 Kerala India

(72)Name of Inventor :

1)KALARICKAL CHELLAPPAN BAIJU

(57) Abstract :

ACSR CONDUCTOR DETECTOR is a novel detector device as well as a safety device for detecting and identifying All Aluminium Conductor (AAC) and Aluminium Conductor Steel Reinforced (ACSR) conductor which are widely using in electrical power transmission and distribution over head (OH) lines. This low cost device can be used from the ground itself and hence very useful in reconductoring works and more over in ensuring safety. As such, the existing complicated manual testing of the conductor type by climbing up the line structure can be avoided which will be helpful for the executive staff in achieving a good field work progress also.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5135/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : SMART HELMET

(51) International classification

:H02G

(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)KALARICKAL CHELLAPPAN BAIJU

Address of Applicant :VISMAYAM (VADAKKE
KALARICKAL) PATTANAKAD P.O CHERTHALA,
ALAPPUZHA (DIST), PIN:688 531 Kerala India

(72)Name of Inventor :

1)KALARICKAL CHELLAPPAN BAIJU

(57) Abstract :

SMART HELMET is a novel electrical safety device, which is innovated, designed & developed by me for detecting the presence of hazardous electricity during electrical and other work execution. This device will give visual and audible alerts to the wearer when he reaches at a safe distance from hazardous electricity source. This helps in avoiding electrical accidents. Smart Helmet is a very useful safety device for electricians, linemen, electrical workmen, fire & rescue men, cable TV line staff, electrical supervisors etc. Its inbuilt torch facility helps the staff in night work. Self test facility of this device ensures the operational healthiness and hence the safety. This can be used as ordinary safety helmet and the cost is low.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4753/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD OF HALTING FLEEING SUSPECTS BY LAW ENFORCEMENT PERSONNEL IN HIGH-SPEED PURSUITS

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)D. LAXMAN DAS
(32) Priority Date	:NA	Address of Applicant :H. NO: 10-239/1, VASANTHA PURI
(33) Name of priority country	:NA	COLONY, MALKAJGIRI, RANGA REDDY DIST - 500 047
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D. LAXMAN DAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a method of halting suspects by law enforcement personnel in high-speed pursuits. The method includes coalescing a predefined quantity of water based black color formulation with a predefined quantity of gum. The mixture results in uniform water based black color and are sprayed on windshield of the suspect vehicle. The sprayed water based black color further minimizes the visibility of the suspect vehicle, forcing him to stop the vehicle. The water based black color formulation is sprayed by using mobile spray guns by the corresponding law enforcement personnel. The spray guns further can be installed at stationary locations which are triggered by the corresponding law enforcement personnel from remote locations.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4461/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A METHOD OF PREPARATION OF 2-ETHOXY -3-((2'-(5-OXO-2,5-DIHYDRO-1,2,4-OXADIAZOL-3-YL)BIPHENYL-4-YL)METHYL)-3H-BENZO[D]IMIDAZOLE-7-CARBOXYLIC ACID AND INTERMEDIATE THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R L FINE CHEM
(32) Priority Date	:NA	Address of Applicant :RAY HOUSE, HIG, NO 2000, NEXT
(33) Name of priority country	:NA	TO YELAHANKA NEW TOWN POLICE STATION,
(86) International Application No	:NA	YELAHANKA, BANGALORE - 560 106 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAKESH SAHAY
(61) Patent of Addition to Application Number	:NA	2)ANJAN K ROY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is in relation to a preparation of 2-Ethoxy-3-((2-(5-oxo-2,5-dihydro-1,2,4-oxadiazol-3-yl)biphenyl-4-yl)Methyl)-3H-benzo[d]imidazole-7-carboxylic acid and intermediate thereof. The method is eco-friendly and economically viable for large scale preparation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/10/2013

(21) Application No.4574/CHE/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : PERFOMANCE ENHANCEMENT IN GAS TURBINE ENGINE

(51) International classification	:F02C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VASANTH SUDARSHAN. P. N
(32) Priority Date	:NA	Address of Applicant :NO: 11-195/1, NALINIVAS, FRIDAY
(33) Name of priority country	:NA	MARKET&POST, KALKULAM TALUK, KANYAKUMARI,
(86) International Application No	:NA	DIST 629 203 Tamil Nadu India
Filing Date	:NA	2)BALAJI. D
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VASANTH SUDARSHAN. P. N
Filing Date	:NA	2)BALAJI. D
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The performance enhancement in gas turbine engine without modifying the existing component arrangement with minor modifications leads to better operations. The common arrangement by adding the features leads to better pressure rise in the compressor, velocity rise in the turbine, smoother operations of gas turbine being achieved. The angle of impingement is the important factor for the above mentioned betterment as well supporting arrangement for the smoother operations. The researchers keep working on the performance enhancement without altering the system much. This invention is based on that as key factor to proceed for the better gas turbine engine performance.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2013

(21) Application No.4842/CHE/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : SIMPLE HOUSEHOLD DOUGH FLATTNER

(51) International classification

:A21C

(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)PALGHAT VISWANATH PRAKASH

Address of Applicant :IYER INNO, 39/B, 'AARABI', FIRST FLOOR, POONTHOTTAM 1ST STREET, NANGANALLUR, CHENNAI - 600 061 Tamil Nadu India

(72)Name of Inventor :

1)PALGHAT VISWANATH PRAKASH

(57) Abstract :

Many households prepare dough products as part of their staple diet. Examples include chapathis, phulkas, pooris, tortillas, nans, parottas, etc. In most of the cases the dough is flattened and circular in shape. Presently a circular base board and a rolling pin is used. It requires considerable skill to produce dough of even thickness and shape which in turn is critical for uniform cooking of the food. Also during the process of flattening, raw flour is used for the purpose of dusting to prevent the dough from sticking to the base or the rolling pin. In most cases this dusting powder leaves a residue of burnt particles on the finished food product. This invention relates to a simple household, easy to use appliance to flatten dough to even thickness and chosen shape consistently. The material of construction and design will reduce or eliminate the use of dusting flour during the process of flattening. The appliance consists of a base board, rolling pin and sets of standard and additional plates. The template is positioned on the base board. Dough is placed within the template on the base board. Rolling pin is used to spread the dough within the template. This produces flattened dough of uniform thickness and shape. Options for increasing the thickness or diameter or shape are provided by the use of sets of standard and additional plates. Also provision for placing the rolling pin during use has been designed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4615/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : IMPLEMENT FOR PREVENTING OF ANTS FROM ENTERING INTO HONEY - BEE HIVES

(51) International classification

:A01K

(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)SAVIRIAM KUZHYIL ROY VARGHESE

Address of Applicant :SAVIRIAM KUZHYIL (H),
NADUVIL (P.O), KANNURE (DT) - 670 582 Kerala India

(72)Name of Inventor :

1)ROY VARGHESE

(57) Abstract :

The description relates with an implement for preventing of attack of ants and pests in a stand structure. Honey bee colonies are usually attacked by ants and destroying it. This implement by its novel structure prevents the pests from climbing up the stands, this invention can improve the honey based industry ad it also generates further improvements and the criteria of further modifications.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4995/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : REVERSE HAMMER FOR EQUAL CUTTING OF COCONUT SHELL

(51) International classification	:A23N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GEORGE VADAKARA
(32) Priority Date	:NA	Address of Applicant :PUSPAGIRI, KUTTIYERI (P.O),
(33) Name of priority country	:NA	THALIPARMBA, KANNURE(DT), PIN - 670 141 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GEORGE VADAKARA
(87) 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 implement REVERSE HAMMER FOR EQUAL CUTTING OP COCONUT SHELL™ is a band operating machine, useful in agricultural purpose. Cutting of coconut shell was done by direct mechanism of hand-sikle operation up to recently. This implement reduce risk and hard labour for cutting of coconut shells. This invention fulfills the criteria of further inventions and improvements, thus suitable for attaining a patent.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4887/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : AUDIO TACTILE PERFORMANCE (ATP) TECHNIQUE FOR TRAINING VISUALLY IMPAIRED CHILDREN IN ORAL HYGIENE MAINTENANCE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAMATA HEBBAL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PUBLIC
(33) Name of priority country	:NA	HEALTH DENTISTRY, K.L.E. VISWANATH KATTI
(86) International Application No	:NA	INSTITUTE OF DENTAL SCIENCES, KLE UNIVERSITY,
Filing Date	:NA	NEHRU NAGAR, BELGAUM - 590 010 Karnataka India
(87) International Publication No	: NA	2)ANIL. V. ANKOLA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAMATA HEBBAL
(62) Divisional to Application Number	:NA	2)ANIL. V. ANKOLA
Filing Date	:NA	

(57) Abstract :

The objectives of the present invention were to develop a special oral health education technique and compare plaque scores before and after health education. The final study population comprised of 96, 6-18 years old visually impaired children. Silness and Loe plaque index was recorded at baseline. Audio tactile performance technique (ATP Technique) a specially designed health education method was used to educate these children regarding oral hygiene maintenance. Periodic reinforcement of health education was done at an interval of 9 months. Re-examination was done after 18 months of health education to assess plaque scores. There was increase in frequency of tooth brushing after health education. The mean plaque scores pre and post health education were 1.41 (± 0.58) and 0.63(± 0.39) respectively. The difference was statistically significant ($p < .001$). McNemars Chi square, Wilcoxon's sign rank test and paired t test was used to assess the difference between the scores before and after health education. The present study revealed that visually impaired children can maintain an acceptable level of oral hygiene when taught to them using special customized methods.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2013

(21) Application No.4902/CHE/2013 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : CAR CRASH IMPACT SHOCK ABSORBER AND REDUCER SYSTEM

(51) International classification	:B60R19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAPARALA SRINIVASA RAO
(32) Priority Date	:NA	Address of Applicant :DOOR NO. 40-25-32/1, MASJID
(33) Name of priority country	:NA	ROAD, PATAMATA LANKA, VIJAYAWADA - 520 010
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAPARALA SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention Car crash impact shock absorber and reducer system consists of four parts. The 1st (a) the main system CCISARS which is fixed front and back portions of the car chassis comprises (10) wide chassis portion. Number of coil springs (2) back portions are fixed on the front rectangle cross membrane (4) side by side. The front portion of the springs fixed to the rectangular metal plate (1). Inside of these springs shock absorbers (3) are fixed. Some rods (7) join along up and down sides of the front metal plate passes through (6) bushes which are fixed in the back metal plate (front cross member) and third metal plate (5). All the rods back ends are joined with some other rods and fixed like a ladder (8). A T shaped long iron strips (22) its one ends are fixed to the ladder, its horizontal portion strip has gear teeth (21). Its other end is fixed moveably in a clamp (23) which is on the base (28). A gear wheel (24) is there on the base its teeth are connected to the teeth of T shaped strip teeth. A lock system (25) is fixed on the gear wheel pressed by a spring (26). All the bases are fixed on the main cross member (27) very little movably. The system position is parallel to the ground. When a car crash happened all the springs compressed equally and locked so that bounce back of springs and the car does not happened. So the system absorbs and reduces 40% of the car crash shock impact force and make it slowly and slowly before the rest of the impact force fall on the crumple zone. 2nd (b) sub system consists of some shock absorbers with coil springs(9) it has front projection X shaped angulars fixed to the chassis and body frame. 3rd (c) sub system consists of small springs (15) are fixed to the car front and back frame (17).another frame (16) joined by small rods (18). 4th(d) sub system consists of inside of bumpers(13) a honey comb like compressor, cushion is fixed (14). Car chassis (11). Car tires(12). Car body frame(20). Other type of spring lock: a cuboids shaped boxes (32) are sets at the bottom of the coil springs. The box one side a metal strip have obtuse angle like gear teeth(31) facing backward. The strip pushed by springs(29). Another strip obtuse angle gear teeth(30) facing forward its top is fixed to the front metal plate faces opposite to the box metal strip. Socket with pin(33) lock remover(34).Either use or not use of 2nd(b) 3rd(c).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1174/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : A CONTINUOUS PROCESS FOR THE PRODUCTION OF CARBON BLACK

(51) International classification	:C09C1/56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. NILACHAL BHATTACHARYA
(32) Priority Date	:NA	Address of Applicant :70, R.N.T. ROAD, BASALIPARA,
(33) Name of priority country	:NA	HARINAVI, KOLKATA- 700148, WEST BENGAL, INDIA
(86) International Application No	:NA	2)JOYGOPAL KHANDELWAL
Filing Date	:NA	3)RAJKUMAR KHANDELWAL
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. NILACHAL BHATTACHARYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the production of carbon black and in particular, this invention relates to a process for the production of carbon black from scrap tires and particularly to this process in which scrap were pyrolysed at 1673-1923°C in a batch reactor under atmospheric pressure. More particularly, this present invention relates to the carbon black which are suitable for adsorbing relatively large molecules. Furthermore, this invention also relates to the production of carbon black which has the beneficial effects of having high production efficiency, saving manpower cost, reducing labor intensity, and having safety and reliability in production.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1175/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : A METHOD AND DEVICE FOR PREPARING HYDROCARBON OIL FROM WASTE PLASTIC

(51) International classification	:C10G1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. NILACHAL BHATTACHARYA
(32) Priority Date	:NA	Address of Applicant :70, R.N.T. ROAD, BASALIPARA,
(33) Name of priority country	:NA	HARINAVI, KOLKATA- 700148, WEST BENGAL, INDIA
(86) International Application No	:NA	2)JOYGOPAL KHANDELWAL
Filing Date	:NA	3)RAJKUMAR KHANDELWAL
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. NILACHAL BHATTACHARYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for preparing hydrocarbon oil from waste plastic. More particularly, the present invention relates to a method for preparing oil from waste plastic in presence of catalyst. Moreover, this invention also relates to a method for preparing hydrocarbon oil from a plastic waste into by thermal cracking of the waste plastic. More specifically, This invention relates to a device for preparing hydrocarbon oil from waste plastic which has been separately collected as a portion of municipal garbage or waste plastic which has been collected as an industrial waste product. The resulting oil can then be reused as fuel. In this above said method waste motor oil can be de- polymerized by the same process into diesel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1177/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 15/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING TRANSFER OF DATA THROUGH AN AUDIO FILE

(51) International classification	:G06F13/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABHISHEK Kumar
(32) Priority Date	:NA	Address of Applicant :Sector 3-B, Qtr no:437, Bokaro Steel
(33) Name of priority country	:NA	City, Jharkhand, 827003, Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ABHISHEK Kumar
(87) 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 enabling transfer of data through an audio file. The system includes an audio file generating module (102). The audio file generating module (102) is configured to select a set of frequencies required to encode the data; and generate the audio file, wherein the audio file comprises a reference part and a data part, wherein the reference part comprises the set of frequencies selected for encoding the data, and the data part comprises the selected frequencies arranged in a sequence to represent the data. The system further comprises a receiving device (206), which is configured to receive the audio file played by a user's device (302); decode the audio file to facilitate extraction of data encoded in the audio file; and communicate at least a part of the extracted data to a remote server to enable transaction.

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

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.1096/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A PROCESS FOR PREPARING BUTANE FROM METHANE AND ACETYLENE

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Saharanpur-247554 Uttar Pradesh India

2)BALOMAJUMDER Chandrajit;

3)VEDULA Ravi Kiran;

(72)Name of Inventor :

1)YADAV Desh Raj;

2)BALOMAJUMDER Chandrajit;

3)VEDULA Ravi Kiran;

(57) Abstract :

The present invention discloses a process for the preparation of butane from methane and acetylene. Methane is produced from biogas and acetylene from calcium carbide from local store. In the process of making methane and acetylene pass through a same container, butane is produced. The process is known to produce high yield of butane. The raw material required is cattle dung and hence the process is economical and environmental friendly too

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3087/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :23/12/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : DYNAMICALLY GENERATER KEYPAD FOR PREDICTIVELY DISPLAYING CHARACTERS

(51) International classification	:C06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABHIJIT BHATTACHARJEE
(32) Priority Date	:NA	Address of Applicant :#11, JSSATE STEP, C-20/1, SECTOR-
(33) Name of priority country	:NA	62, NOIDA-201301, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ABHIJIT BHATTACHARJEE
(87) 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 of generating a dynamic keypad for entering hangul characters is also enclosed. The method comprises of generating a keypad which includes a list of jamo characters. The list of jamo characters includes all jamo characters or a set of statistically most likely jamo characters to be used at the beginning of a sentence or following one or more previously entered hangul characters. The method further comprises of regenerating the keypad on receiving a jamo character selection. The regenerated keypad includes statistically most likely jamo characters for the jamo character selected from the previous keypad or statistically most likely hangul characters for the jamo character selected from the previous keypad, or both.

No. of Pages : 35 No. of Claims : 31

(54) Title of the invention : DEVICE FOR DETECTING PULSED SIGNALS COMPRISING A FUNCTION FOR DETECTING TANGLING OF PULSES

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	:0906279	1)THALES
(32) Priority Date	:23/12/2009	Address of Applicant :45, RUE DE VILLIERS, F-92200
(33) Name of priority country	:France	NEUILLY-SUR-SEINE, FRANCE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)EMILIE BOULANGER
(87) International Publication No	:NA	2)FRANKIE LETELLIER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device for detecting non-phase-modulated pulsed signals or sequences of pulses of a determined frequency comprising means for detecting tangling of pulses, at least one amplifier (11) receiving a radiofrequency signal, and restoring at least one first signal (RSSI) representative of the envelope of the input signal, and a second normalized signal, characterized in that a phase jump estimation module (50) comprises means for estimating the phase of the radiofrequency signal, means for evaluating a phase jump, the presence of pulse tangling being detected if the phase jump is of a greater value than a determined threshold value. Figure 2

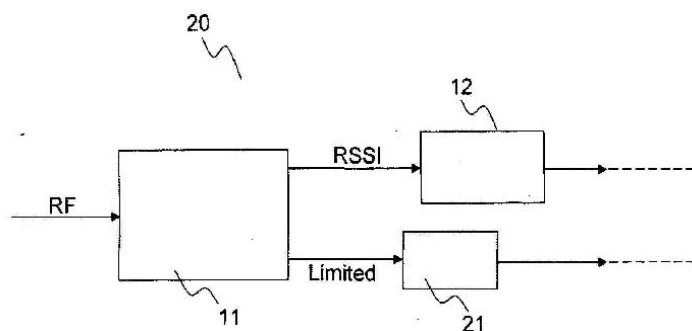


FIG.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2896/DELNP/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : APPARATUS FOR PROCESSING WASTE MATERIAL

(51) International classification :B09B 3/00
(31) Priority Document No :0915557.3
(32) Priority Date :07/09/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001613
Filing Date :27/08/2010
(87) International Publication No :WO 2011/027098
(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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NOTTINGHAM, NOTTINGHAMSHIRE NG7 2RU, U.K.
2)OPHNEIL HENRY PERRY
(72)**Name of Inventor :**
1)RIFAT AL CHALABI
2)OPHNEIL HENRY PERRY
3)JOHN HENRY TURNER

(57) Abstract :

A processing container (100) is provided for processing waste material. The processing container has a housing (150) and a processing zone (152) in said housing for containing waste material to be processed. The housing (150) has a portion (154) directed inwardly of said container to form an opening (160) for the charging and discharging of said processing container. The processing container is rotatable about its axis in a first direction to enable charging of said container through said opening and in a second opposite direction to enable discharging of said container through said opening. The processing chamber is used in an apparatus (10) for processing waste material. The apparatus also includes an oven (12) that contains the processing chamber (14); a gas inlet (200) for introducing said hot gasses into the oven; and a gas outlet (202) for extracting gas from said oven. The processing container (100) is mounted for rotation in said oven.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3091/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :23/12/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : NOVEL COMPOUNDS

(51) International classification	:A01N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SYNGENTA PARTICIPATIONS AG
(32) Priority Date	:NA	Address of Applicant :SCHWARZWALDALLEE 215, 4058
(33) Name of priority country	:NA	BASEL SWITZERLAND.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CEDERBAUM FREDERIK
(87) International Publication No	:NA	2)UMARYE JAYANT
(61) Patent of Addition to Application Number	:NA	3)DUMEUNIER RAPHAEL
Filing Date	:NA	4)SONAWANE RAVINDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds of the general formula wherein the substituents are as defined in claim 1, are useful as fungicides.

No. of Pages : 77 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2908/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : CAMSHAFT APPARATUS

(51) International classification	:F01L 1/04
(31) Priority Document No	:2009-253123
(32) Priority Date	:04/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068350
Filing Date	:19/10/2010
(87) International Publication No	:WO 2011/055630
(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 :5-8, MINAMISEMBA 3-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 5428502, JAPAN.

(72)Name of Inventor :

1)KAZUKI HAMADA

2)HIROSHI UENO

3)ISAO USUKI

4)HIRONORI HIRAOKA

5)KOTARO YAMASHITA

6)HIROSHI SATOU

7)TAKAAKI IKEDA

8)RYO OONISHI

(57) Abstract :

Among a plurality of bearings that rotatably support a camshaft (1), the bearing closest to a pulley (P) is a rolling bearing (4), and the other bearings are plain bearings (3). The rolling bearing (4) is formed of a roller bearing portion (5) that has a first outer ring raceway surface (51) and a plurality of cylindrical rollers (53) that roll on the first outer ring raceway surface (51) and a ball bearing portion (6) that is arranged next to the roller bearing portion (5) in an axial direction and that has a second outer ring raceway surface (61) and a plurality of balls (63) that roll on the second outer ring raceway surface (61). The first outer ring raceway surface (51) and the second outer ring raceway surface (61) are formed on the inner peripheral surface (7a) of a single outer ring (7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2892/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : GREASE COMPOSITION AND CONSTANT VELOCITY JOINT

(51) International classification	:C01M 169/06
(31) Priority Document No	:2009-231656
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067442
Filing Date	:05/10/2010
(87) International Publication No	:WO 2011/043331
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KYODO YUSHI CO., LTD.

Address of Applicant :2-30, TSUJIDO KANDAI 2-CHOME,
FUJISAWA-SHI, KANAGAWA 2518588, JAPAN.

2)NTN CORPORATION

(72)Name of Inventor :

1)MITSUHIRO KAKIZAKI

2)DAIGO NAGUMO

3)MICHITAKA YOSIHARA

4)SHINICHI TAKABE

(57) Abstract :

The invention provides a grease composition containing (a) a base oil, (b) a lithium soap based thickener, (c) at least one stearic acid metallic salt selected from the group consisting of Ca stearate, Mg stearate and Zn stearate, (d) molybdenum dialkyl dithiocarbamate sulfide, and (e) zinc dialkyl dithiocarbamate sulfide. The present invention also provides a constant velocity joint such as a Barfield constant velocity joint (BJ), double offset constant velocity joint (DOJ), tripod constant velocity joint (TJ) or the like, containing the above-mentioned grease composition therein. The grease composition of the invention is excellent in antiwear properties and suitable for the constant velocity joint.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2010

(21) Application No.3140/DEL/2010 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : THOUGHT PROCESSOR.

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARPIT AGARWAL
(32) Priority Date	:NA	Address of Applicant :A-139 SECTOR-55, NOIDA-201301
(33) Name of priority country	:NA	Uttar Pradesh India
(86) International Application No	:NA	2)SHASHANK SAHU
Filing Date	:NA	3)VISHWA PAREKH
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ARPIT AGARWAL
Filing Date	:NA	2)SHASHANK SAHU
(62) Divisional to Application Number	:NA	3)VISHWA PAREKH
Filing Date	:NA	

(57) Abstract :

An image processing and emotional analysis based real-time communication medium for patients with locked-in syndrome as well as complete/partial paralysis. Our device assists such individuals in communicating their needs in a simple and accurate manner. The image processing algorithm is aimed at obtaining the patients line of sight and a parallel running skin conductance circuit constantly measures his emotional levels for him to convey messages using expressions. From the device the person is not only capable of selecting basic needs displayed on the screen but also has the advantage of typing out words to communicate. The typing of words has been tested and works with a speed of 15-24 alphabets per minute. The number of false positives is 2-3 alphabets per minute.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2901/DELNP/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : ALGAE PROCESSING

(51) International classification :C12N 1/12
(31) Priority Document No :61/249,455
(32) Priority Date :07/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051569
Filing Date :06/10/2010
(87) International Publication No :WO 2011/044194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HRD CORPORATION
Address of Applicant :P.O. DRAWER 450267, HOUSTON,
TEXAS 77245, U.S.A.
(72)**Name of Inventor :**
1)ABBAS HASSAN
2)AZIZ HASSAN
3)RAYFORD G. ANTHONY
4)GREGORY G. BORSINGER

(57) Abstract :

A method for culturing algae comprising, forming an emulsion comprising a gaseous stream and a media utilizing a high shear device, wherein the emulsion comprises gas bubbles, and wherein the high shear device comprises at least one toothed rotor and at least one stator; introducing the emulsion into a bioreactor; and introducing an algae into the bioreactor for growing the algae culture. Additionally, a method for producing liquids from an algae culture, the method comprising forming an emulsion comprising a buffer and algal components, wherein the emulsion comprises algal component globules; separating algal hydrocarbons; and processing algal hydrocarbons to form liquid hydrocarbons. Additionally, a system for producing liquids from an algae culture comprising at least one high shear device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2902/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SCREEN DEVICE

(51) International classification	:E06B 9/02
(31) Priority Document No	:2009-233913
(32) Priority Date	:07/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067684
Filing Date	:07/10/2010
(87) International Publication No	:WO 2011/043437
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)METACO INC

Address of Applicant :203, NAGATANI-HILL-PLAZA-ROPPONGI, 7-3-8, ROPPONGI, MINATO-KU, TOKYO, JAPAN.

(72)Name of Inventor :

1)YASUBUMI OKACHI

2)MITSU HARU WATANABE

(57) Abstract :

To provide a screen device which allows an easy length adjustment work configured in such a manner that when the size of first rigid units 24 which constitute an upper slide guide frame portion 15 is smaller than the size of second rigid units 17 which constitute a lower slide guide frame portion 16 and the upper slide guide frame portion and the lower slide guide frame portion are retracted in the interior of a screen mounting frame 10, side wall portions 18 of the first rigid units are fitted in between the side wall portions of the second rigid units, the upper slide guide frame portion intersects the lower slide guide frame portion in the interior of the screen mounting frame, connection of the first rigid units can be released at an arbitrary position in the interior of the screen mounting frame when adjusting the length of the screen device 1, and the upper slide guide frame portion can be taken out from the screen mounting frame, so that an adjustment of the length in the field of installation is facilitated.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2904/DELNP/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : SCREEN DEVICE

(51) International classification	:E06B 9/02
(31) Priority Document No	:2009-233912
(32) Priority Date	:07/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067683
Filing Date	:07/10/2010
(87) International Publication No	:WO 2011/043436
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)METACO INC.

Address of Applicant :203, NAGATANI-HILL-PLAZA-ROPPONGI, 7-3-8, ROPPONGI, MINATO-KU, TOKYO, JAPAN.

(72)Name of Inventor :

1)YASUBUMI OKACHI

2)MITSU HARU WATANABE

(57) Abstract :

In a screen device, to provide a screen device in which a roller pipe includes a revolving shaft 5 on which a coil spring 6 is wound integrated therein, connected to a rotator 52 rotatably disposed with respect to a stator 51 connected to a lower end of the revolving shaft, and is rotatably stored in a housing frame, the stator includes a plurality of radially arranged claws 53, holding portions 57 arranged radially on a lower surface portion of a cap member 55 which is detachably disposed at a lower end of the housing frame corresponding to the claws of the stator are disposed, the holding portions each have a holding space 58 for receiving the claw in the interior thereof, the holding space is opened outward at one end on the side of receiving the claw and closed at the other end to allow adjustment of initial winding of a coil spring integrated in a roller pipe and superior in opening-and-closing operability of a screen and manner it is retracted.

No. of Pages : 30 No. of Claims : 3

(54) Title of the invention : METHOD FOR PRODUCING BEVEL GEARS HAVING HYPOCYCLOIDAL TEETH IN THE CONTINUOUS FORMING METHOD USING CORRESPONDING TOOLS

(51) International classification	:B23F 9/10	(71) Name of Applicant :
(31) Priority Document No	:09172255.3	1)KLINGELNBERG AG
(32) Priority Date	:05/10/2009	Address of Applicant :BINZMUHLESTRASSE 171, 8050
(33) Name of priority country	:EUROPEAN UNION	ZURICH, SWITZERLAND.
(86) International Application No	:PCT/EP2010/064067	(72) Name of Inventor :
Filing Date	:23/09/2010	1)KARL-HEINZ ENGEMANN
(87) International Publication No	:WO 2011/042315	
(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 the production of plunge-cut crown wheels (32) having straight or linear hypocycloid as the flank longitudinal line of the teeth. The production is performed by means of a forming method in which the axial movements are coupled.

Corresponding pinions (31) can be produced using a modified hobbing method. A corresponding tapered generating wheel (41) is shown as dashed form in Figure 9A. The cutter head axis of the milling tool (50) is identified by the reference sign (51). The milling tool (50) carries multiple cutters (52) here. The teeth (44) of the conical virtual generating wheel (41) are represented, or reproduced, in the engagement area by the blades or blade flanks of the cutters (52) of the milling tool (50).

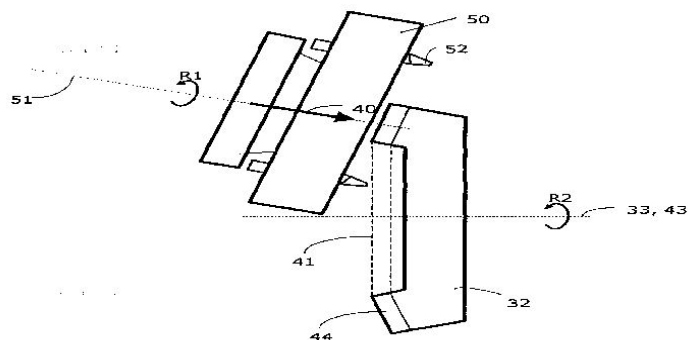


Fig. 9A

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2907/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD FOR PREPARING NORTROPYL BENZILATE AND SALTS THEREOF, AND INTERMEDIATES USED THEREIN

(51) International classification	:C07D 451/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2010/000347
Filing Date	:22/03/2010
(87) International Publication No	:WO 2011/116491
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEIJING MEDIKING BIOPHARM CO., LTD.
Address of Applicant :HONGXIANGHONG INCUBATOR,
BUILDING D, BEIQIJIA TOWN, CHANGPING DISTRICT,
BEIJING 102209, CHINA.
(72)**Name of Inventor :**
1)XUANDE LUO
2)YUZHONG LIU
3)GUANG YE
4)MINGXI ZHANG

(57) Abstract :

The present invention discloses a method for preparing nortropyl benzilate and a salt thereof, and a novel intermediate used therein and method for preparing the intermediate. Tropine is used as a starting material, upon transesterification reaction with benziloyl imidazole to form tropyl benzilate, which is further demethylated to get the product of the present invention. The method of the present invention has the features of moderate reaction condition, simple operation, short reaction time, high yield, less pollution to the environment, easily controlled quality of the product, and it is suitable for industrial production.

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

(54) Title of the invention : HELICOPTER CONTROL STICK SUPPORT ASSEMBLY

(51) International classification :B64C
 (31) Priority Document No :09425543.7
 (32) Priority Date :30/12/2009
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

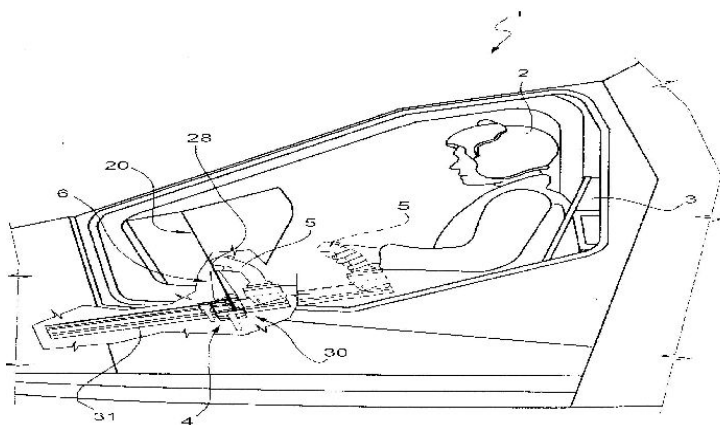
1)AGUSTA S.P.AAddress of Applicant :520 FRAZIONE CASCINA COSTA -
VIA GIOVANNI AGUSTA, SAMARATE ITALY

(72)Name of Inventor :

1)BANDERA GIAN LUIGI

(57) Abstract :

A support assembly (4) for helicopter control sticks (5) has a supporting structure (6); an instrument panel (20) fixed to the supporting structure (6); and a connecting device (30) for connecting the sticks (5) to the supporting structure (6). The connecting device (30) has a longitudinally elongated arm (31) fitted on one end (33) with the sticks (5); and the arm (31) slides to move the sticks to/from the supporting structure (6), and rotates about a horizontal axis (10) to adjust the height of the sticks (5).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2613/DEL/2008 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED ARRANGEMENT FOR SHIFTER RAILS

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED
(32) Priority Date	:NA	Address of Applicant :15/5, MATHURA ROAD,
(33) Name of priority country	:NA	FARIDABAD-121 003 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NEERAJ VIJ
(87) International Publication No	:NA	2)PRADIP JASUD
(61) Patent of Addition to Application Number	:NA	3)GURDEEP SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a mounting arrangement of Shifter Rails and Shifter Forks for a Tractor Transmission. The proposed configuration enables commonisation of the various shifter forks used in the transmission, thus resulting in substantial cost saving in terms of eliminating the need to keep inventory of a variety of Shifter Forks and commonisation of the tooling required for manufacture of different types of Shifter Forks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2893/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : 4-(SUBSTITUTED ANILINO)QUINAZOLINE DERIVATIVES AS TYROSINE KINASE INHIBITORS

(51) International classification :C07C
(31) Priority Document No :200910177401.3
(32) Priority Date :28/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001449
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

(71)Name of Applicant :

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(72)Name of Inventor :

1)WANG Jingyi

2)FAN Chuanwen

3)ZHANG Long

4)GUO Zongru

5)LI Ying

6)YANG Shaobo

7)YAN Shousheng

8)ZHU Jianrong

9)YANG Qingmin

10)ZHANG Minghui

(57) Abstract :

The present invention relates to 4-(substituted aniline)-quinazoline derivatives as tyrosine kinase inhibitors. Specifically compounds of formula I or pharmaceutically acceptable salts or solvates thereof are disclosed in which each substituent in formula I is defined in the description. Preparation method of the compounds of formula I pharmaceutical compositions and pharmaceutical uses thereof are also disclosed. The compounds of formula I are effective tyrosine kinase inhibitors.

No. of Pages : 54 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2894/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : IMPROVED ARCHIMEDEAN SCREW

(51) International classification	:F16B
(31) Priority Document No	:BO2009A000620
(32) Priority Date	:28/09/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/002412
Filing Date	:27/09/2010
(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)WAM INDUSTRIALE S.P.A.
Address of Applicant :Strada degli Schiocchi 12 I-Modena
Italy
(72)**Name of Inventor :**
1)MARCHESINI Vainer

(57) Abstract :

An Archimedean screw (10) comprising a spiral helix (30). The Archimedean screw (10) is characterized in that it further comprises a central element (20) plastically twisted like a helix about a central symmetry axis (X). The spiral helix (30) in turn is wound about the central element (20). Furthermore the central element (20) is the only supporting element of itself and of said spiral helix (30).

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

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO TRACKING RADIO SIGNAL SOURCES

(51) International classification :G01S 5/02
 (31) Priority Document No :0917388.1
 (32) Priority Date :05/10/2009
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2010/051655
 Filing Date :04/10/2010
 (87) International Publication No :WO 2011/042727
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BAE SYSTEM PLCAddress of Applicant :6 CARLTON GARDENS, LONDON
SW1Y 5AD, U.K.

(72)Name of Inventor :

1)RAMSEY MICHAEL FARAGHER

(57) Abstract :

A method and system of determining the position of a radio signal transmitter 50, 51 is described. The method comprises determining the type of radio signal being transmitted from the radio signal transmitter 50, 51 by analysing the radio signal for radio signal characteristics and correlating different sets of information in a way dependent on the determined radio signal type in order to determine the position of the radio signal transmitter. Each set of information corresponds to a different relative position of at least one receiver 1, 2, 3 to the transmitter 50, 51. Each set of information comprises radio signal data derived from radio signals received by the at least one receiver 1, 2, 3 from the transmitter 50, 51 at each respective relative position and positioning data containing information about the position of the at least one receiver 1,2, 3 at each respective relative position.

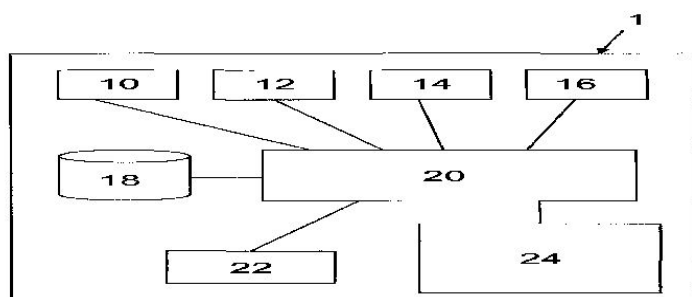


Figure 1

No. of Pages : 59 No. of Claims : 15

(54) Title of the invention : ARRANGEMENT FOR FUEL SUPPLY TO AN ENGINE

(51) International classification :B60K 15/077
 (31) Priority Document No :0950946-4
 (32) Priority Date :08/12/2009
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2010/051330
 Filing Date :02/12/2010
 (87) International Publication No :WO 2011/071440
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SCANIA CV AB

Address of Applicant :S-151 87 SODERTALJE, Sweden

(72)Name of Inventor :

1)HENRIK FAGERHOF

(57) Abstract :

The present invention relates to an arrangement for transferring fuel from one or more secondary tanks (12) to a main tank (11). The arrangement comprises: - a main tank (11); - one or more secondary tanks (12); - a venturi tube (20) situated close to the main tank (11) and each of the secondary tanks (12); - a return line (17) intended to lead surplus fuel back from the fuel-consuming unit (14) to the main tank (11), which return line (17) is divided into as many secondary return lines (18) as the total number of tanks, comprising secondary tanks (12) and the main tank (11); which transfer of fuel from the respective secondary tanks (12) and the main tank (11) to the ancillary space (13) takes place by means of venturi tubes (20) arranged along the secondary lines (18).

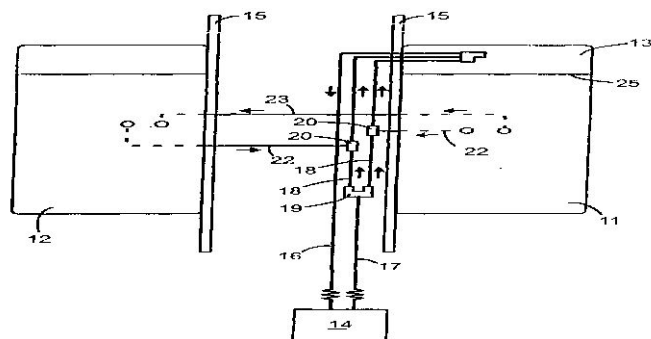


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2913/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METABOLIC EVOLUTION OF ESCHERCHIA COLI STRAINS THAT PRODUCE ORGANIC ACIDS

(51) International classification :C12N 1/21
(31) Priority Document No :61/281,483
(32) Priority Date :18/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057111
Filing Date :17/11/2010
(87) International Publication No :WO 2011/123154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MYRIANT CORPORATION
Address of Applicant :66 CUMMINGS PARK, WOBURN,
MA 1801, U.S.A.
(72)**Name of Inventor :**
1)TAMMY GRABAR
2)WEI GONG
3)R. ROGERS YOCUM

(57) Abstract :

This invention relates to the metabolic evolution of a microbial organism previously optimized for producing an organic acid in commercially significant quantities under fermentative conditions using a hexose sugar as sole source of carbon in a minimal mineral medium. As a result of this metabolic evolution, the microbial organism acquires the ability to use pentose sugars derived from cellulosic materials for its growth while retaining the original growth kinetics, the rate of organic acid production and the ability to use hexose sugars as a source of carbon. This invention also discloses the genetic change in the microorganism that confers the ability to use both the hexose and pentose sugars simultaneously in the production of commercially significant quantities of organic acids.

No. of Pages : 63 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1794/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :01/09/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM FOR AUTOMATIC STOP AND START OF TRACTOR TO REDUCE FUEL CONSUMPTION

(51) International classification

:B60K

(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 :KNOWLEDGE MANAGEMENT
CENTER, 15/5, MATHURA RAOD, FARIDABAD-121 003
Haryana India

(72)Name of Inventor :

1)RAJNEESH AGARWAL,

2)SHOBHIT GUPTA

3)PUNIT BHARDWAJ

(57) Abstract :

This invention relates to a system for automatic stop and start of tractor to reduce fuel consumption comprising of a controller connected to two way switch and stop solenoid with a switch in the driver seat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.546/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A CULTURE MEDIUM FOR THE GROWTH OF MALASSEZIA SPECIES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF ALLAHABAD
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY OF ALLAHABAD,
(33) Name of priority country	:NA	ALLAHABAD - UTTAR PRADESH 211002, Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DIKSHIT, ANUPAM
(61) Patent of Addition to Application Number	:NA	2)TIWARI, AMIT KUMAR
Filing Date	:NA	3)MISHRA, ROHIT KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a culture medium for the excellent growth of the fastidious *Malassezia* spp. The present invention also relates to a culture medium which is homogenous, having least chances of contamination, cheaper, can be easily maintained, having long shelf life and abundant availability of medium components and also useful for culturing other human pathogenic unicellular yeasts.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.667/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : FIXTURE FOR SUBMARINE GATE SPARKING

(51) International classification	:B23H7/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SUMANT K PANCHAL
2)SIVAPRASAD SAMBASIVAN
3)DONALD D. FERREIRA

(57) Abstract :

Disclosed herein is a fixture for submarine gate sparking comprising a base having a slot. The base is fitted into a holder. A rotating holder is placed inside the slot and pivoted through a pivot pin. An index pin for setting the angle of inclination of the rotating holder. A bolt and a nut are provided for fastening the rotating holder and the base. An electrode holding pocket is provided in the rotating holder for holding an electrode tightly with the help of screws.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.668/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A CONCRETE TIE WITH TAPERED COVER

(51) International classification	:E04G17/04
(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	: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)DURAND FORMS (INDIA) PVT. LTD
Address of Applicant : 'MAAZDA HOUSE', L.B.S.MARG,
GHATKOPAR(WEST), MUMBAI - 400086 Maharashtra India
(72)**Name of Inventor :**
1)PHILIP THOMAS WARD
2)FREDDY BEHRAM IRANI

(57) Abstract :

The present invention relates to a tie rod for use in concrete construction where said tie rod comprises of a body having opposing ends each said end having a pin opening between the proximal portion and the distant edge, at least one pair of notches, one each notch of the said pair/s c>n either longitudinal edge of said body and a cover permanently fastened onto the surface area of the said body between the said pin openings on either of the opposing ends and held by said notches.

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

(54) Title of the invention : VEHICLE SEAT WITH A SUPPORT STRUCTURE

(51) International classification	:B60R7/04	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)GRAMMER AG
(32) Priority Date	015 364.0	Address of Applicant :GEORG-GRAMMER-STRASSE 2,
(33) Name of priority country	:28/03/2011	92224 AMBERG, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)ROLAND UEBELACKER
(87) International Publication No	:NA	2)JOHANN DEML
(61) Patent of Addition to Application Number	:N/A	3)ANDREJ SCHUSTJEW
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a vehicle seat (1; 101) with a seat part (2; 102), with a backrest (3) and with a support structure (7; 107) for supporting the seat part (2; 102) as well as the backrest (3), in which the support structure {7; 107} is capable of being fastened to a bodywork component (8) and in which forces acting upon the vehicle seat (1; 101) by means of the support structure (7; 107) are capable of being introduced into the bodywork component (8), and in which the support structure {7; 107} has an asymmetrical framework (18; 118) with main force braces (19, 20, 21; 119, 120, 121) extending substantially vertically, in which on the top side (15; 115) of the support structure (7; 107) the main force braces (19, 20, 21; 119, 120, 121) converge in the junction region (16; 116) and on the underside (17) of the support structure (7; 107) a first one (19; 119) of the main force braces (19, 20, 21; 119, 120, 121) is arranged on the side of the junction region as a thrust brace guided forwards as far as a front foot (41; 141) of the support structure, a second one (20; 120) of the main force braces (19, 20, 21; 119, 120, 121) is arranged on the side of the junction region as a tension brace at the rear guided as far as a first rear foot (42; 142) of the support structure and a third one (21; 121) of the main force braces (19, 20, 21; 119, 120, 121) is arranged as a

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.784/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : RECEIPT NUMBER GENERATION

(51) International classification	:G07F 17/32	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(32) Priority Date	:NA	Point Mumbai 400021 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NANDA Choudhury Pradyumna Keshori
Filing Date	:NA	2)NAYAK Jitamitra
(87) International Publication No	: NA	3)RISHI KESAVAN Shanmuga Priya Janani
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a computer-implemented method for generating a receipt number. The computer-implemented method includes generating a receipt number generation request in response to transaction involving an item to be purchased, wherein the generating is based at least on input data. The computer-implemented method further includes obtaining the receipt number based on the receipt number generation request and one or more predefined rules. In one implementation, the receipt number is indicative of a mode field, a receipt type field, a format type field, a store number field, a till number field, and a transaction number field.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A MECHANISM FOR AIDING PHOSPHATING OF TANKS OR VESSELS

(51) International classification	:B01J19/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR.ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA MOHIT
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanism for aiding phosphating of at least a second tank, inside a first tank having a liquid bath ,with phosphating liquid, said mechanism comprises: an external frame adapted to hold a jig, said jig adapted to hold at least a second tank hanging operatively downward from said jig, said at least a second tank being angularly displaceable about said jig with the help of said jig, said angular tank further being adapted to be lowered in said liquid bath and further adapted to be angularly displaced in said liquid bath, said angular displacement being adapted to occur at a point of time when force is approximately equal to the weight of said external frame.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.815/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SELF LEARNING SYSTEM FOR POINT-ON-WAVE SWITCHING OF A CIRCUIT BREAKER

(51) International classification

:G01R
31/333

(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)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
BESANT ROAD, WORLI, MUMBAI 400 030,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)NAMJOSHI YOGENDRA

(57) Abstract :

A self learning system point-on-wave switching gas circuit breaker, said system comprising: at least a potential transformer per phase adapted to monitor transient voltage parameters; at least a current transformer per phase adapted to monitor inrush current parameters; and processing means adapted to receive each threshold value for each calibration parameter further adapted to receive feedback parameter values, with respect to change in inrush current and change in transient voltage, at each switching cycle from the feedback means, thereby achieving adaptive-ness of circuit breaker actuation in order to achieve dynamic point-on-wave calibration characteristics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.816/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SMART HOME CIRCUIT BREAKER SYSTEM

(51) International classification	:G01R 31/327	(71)Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(32) Priority Date	:NA	BESANT ROAD, WORLI, MUMBAI 400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAMJOSHI YOGENDRA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A smart home circuit breaker system comprising: current input means adapted to input current, between line and earth, of a pre-determined strength value through electrical supply of circuits in order to assess the loads in a defined electrical circuit system; load monitoring means adapted to monitor parameters of a load based on said input current; and point-on-wave switching module adapted to determine point-on-wave switching parameters for said electrical supply in relation to determined load parameters and previous load conditions.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED CLAMPING ASSEMBLY.

(51) International classification	:F16C 35/073	(71)Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(32) Priority Date	:NA	BESANT ROAD, WORLI, MUMBAI 400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA SHAILESH
(87) International Publication No	:N/A	2)PARAB MANOJ
(61) Patent of Addition to Application Number	:NA	3)KULKARNI SHWETA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved clamping assembly, said assembly comprises: a device located on an insulated cell placed on a heat sink or on a metal island attached to said heat sink; centering pins located advantageously for co-axial location of said insulating cell and said device to be clamped with respect to a pressure spring adapted to exert pressure on to a pressure plate co-axially located operatively above said device, said pressure spring being held in a device clamping yoke placed above said pressure plate and said device, characterised, in that, device clamping yoke being an Fibre-reinforced plastic yoke with laterally located through holes for allowing passage of metallic bolts, said assembly further comprising at least two metal blocks / reducer / circular inserts, with a plurality of tappings for receiving said bolts for clamping.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : REAR TRANSMISSION ASSEMBLY

(51) International classification	:H02J17/00
(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)MOVALIYA RAJESH GANDUBHAI
Address of Applicant :CAPTAIN TRACTORS PVT. LTD,
106, ROYAL COMPLEX, DHEBAR ROAD, RAJKOT - 360002,
(GUJARAT) INDIA
(72)**Name of Inventor :**
1)MOVALIYA RAJESH

(57) Abstract :

A rear transmission assembly includes an auxiliary transmission and a rear differential. The auxiliary transmission splits gear ratios provided by a main gear assembly. The auxiliary transmission includes a central gear aligned with a pair of brake drums disposed on either side of the central gear, wherein the central gear and the pair of brake drums are disposed on a horizontal brake shaft. A pair of gears smaller in size than the central gear, disposed on either side of the central gear on the horizontal brake shaft and between the brake drum and the central gear. The rear differential is functionally connected to the auxiliary transmission. The rear differential includes two sun gears and four star gears and transmits power and motion to rear axles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SYNCHROMESH TRANSMISSION SYSTEM

(51) International classification	:F16H3/093	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOVALIYA RAJESH GANDUBHAI
(32) Priority Date	:NA	Address of Applicant :CAPTAIN TRACTORS PVT. LTD,
(33) Name of priority country	:NA	106, ROYAL COMPLEX, DHEBAR ROAD, RAJKOT - 360002,
(86) International Application No	:NA	(GUJARAT) INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MOVALIYA RAJESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A synchromesh gear system includes a driving gear assembly, a counter gear assembly and a transmission gear assembly. The counter gear assembly is functionally connected to the driving gear assembly and powered by the driving gear assembly. The transmission gear assembly connected to the counter gear assembly and driven by the counter gear assembly, wherein each gear of the transmission gear assembly is in constantly mesh with the corresponding gear of the transmission gear assembly. The transmission gear assembly includes a collar, a frictional cone and at least one synchronizer ring. The collar facilitates shifting of gears. The frictional cone is configured on at least one transmission gear of the transmission gear assembly for facilitating smooth shifting of gears. The at least one synchronizer ring has a plurality of teeth configured thereon for facilitating alignment of the collar with a gear of the transmission gear assembly.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1027/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SMALL SIZED TRACTOR WITH COMPACT POWER TRAIN ASSEMBLY

(51) International classification	:E02F3/65	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOVALIYA RAJESH GANDUBHAI
(32) Priority Date	:NA	Address of Applicant :CAPTAIN TRACTORS PVT. LTD,
(33) Name of priority country	:NA	106, ROYAL COMPLEX, DHEBAR ROAD, RAJKOT - 360002,
(86) International Application No	:NA	(GUJARAT) INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MOVALIYA RAJESH GANDUBHAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A farm vehicle includes a power train assembly and a depth and draft control hydraulic system. The power train assembly receives power from an engine of farm vehicle and delivers the power generated by the engine to a final drive of farm vehicle. The power train assembly includes a synchromesh main gear sub-assembly, a transmission control sub-assembly and a rear transmission sub-assembly. The synchromesh main gear sub-assembly includes a plurality of synchronizer rings and a brass cone for synchronizing rotational speeds of the drive and driven gears before engagement and dis-engagement there-between so as to facilitate smooth gear shifting. The rear transmission sub-assembly includes a rear differential sub-assembly that splits power received thereat to both sides of a rear axle. The rear differential sub-assembly includes at least two sun gears and at least four star gears. The depth and draft control hydraulic system includes independent levers configured near driving seat.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.820/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : LATCH ASSEMBLY FOR CABIN OF A TRUCK

(51) International classification	:B60N 2/07	(71)Name of Applicant : 1)MAHINDRA NAVISTAR AUTOMOTIVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :MAHINDRA TOWERS, 3RD FLOOR,
(32) Priority Date	:NA	G.M. BHOSALE MARG, WORLI, MUMBAI-400 018,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CH, UDAY SRINIVAS
(87) International Publication No	:N/A	2)LOKHANDE, SACHIN EKNATHRAO
(61) Patent of Addition to Application Number	:NA	3)DESHPANDE, VISHWANATH BHIMAJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Invention relates to latch assembly for cabin of a truck. The said latch assembly mounted over the back side wall of vehicle cabin. A lever rod 7 operable with a upwardly movable handle 8 connected to triangular shape pawl plate 6 at left corner. A pawl means 5 hinged to right corner. The said pawl plate 6 mounted over a base plate 11 with mounting pin15. A sliding pawl pin 12 fixed on the pawl body to move into a slot 21 partly extending downwardly at 110 ° to the horizontal and there after horizontal made on the said base plate 11. A secondary lock 13 provided to arrest sliding pin when fully moved in the slot 21. A striker 3 mounted on the cross member 17 fixed to the vehicle chassis for holding pawl. A stopper plate 4 mounted on the said cross member 17 to release the secondary lock to enable the said pawl to engage the striker with locking.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.655/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN EXTENDED ELECTRONIC SYSTEM AND DEVICE FOR AUTOMATED CALIBRATION OF POINT-OF WAVE SWITCHING CONTROLLERS FOR CIRCUIT BREAKERS

(51) International classification	:H02H3/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD, WORLI, MUMBAI-400 030,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)NAMJOSHI YOGENDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An extended electronic system and device for automated calibration of point-of-wave switching controllers for circuit breakers, said device comprising: extension unit adapted to receive current and defined test parameter values in order to be plotted for graphical and numerical comparison to obtain a comparative analysis data in relation to threshold (defined) parameter values and feedback (current) parameter values; said system comprising: calibration parameters set-up mechanism adapted to set up at least one calibration parameter; threshold defining means adapted to define threshold parameter values; actuation means adapted to actuate said circuit; feedback means with inputs associated with each of said calibration parameters; and processing means adapted to process and obtain point-on-wave switching of the circuit breaker that is to be calibrated.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.825/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR PROCESSING IMAGE FOR IDENTIFYING ALPHANUMERIC CHARACTERS PRESENT IN A SERIES

(51) International classification	:G06F 17/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India.
(86) International Application No	:NA	2)Indian Statistical Institute
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Tanushyam Chattopadhyay
(61) Patent of Addition to Application Number	:NA	2)Ujjwal Bhattacharya
Filing Date	:NA	3)Bidyut Baran Chaudhuri
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and a method for identification of alphanumeric characters present in a series in an image are disclosed. The system and method captures the image and further processes it for binarization by computing a pattern of the image. The generated binarized images are then filtered for removing unwanted components. Candidate images are identified out of the filtered binarized images. All the obtained candidate images are combined to generate a final candidate image which is further segmented in order to recognize a valid alphanumeric character present in the series.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.826/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : ARC CHUTE ASSEMBLY

(51) International classification	:H01H 9/34	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, Maharashtra India.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JIBANESH ROY
Filing Date	:NA	2)DEEPAK P NAHATA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An assembly for arc quenching is provided. The assembly comprising an arc chute assembly for a circuit breaker, the arc chute assembly comprising a cassette base, the cassette base having a plurality of slots at a first end; a plurality of de-ion plates, the de-ion plates being disposed/adapted to the slots of the cassette base; and a cassette cover, the cassette cover accommodates the cassette base.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM FOR PROVIDING ENHANCED ENGINE OIL REPLACEMENT INTERVALS IN A DIESEL POWER GENERATING SET

(51) International classification	:F01M	(71)Name of Applicant :
	1/24	1)MAHINDRA AND MAHINDRA LTD.
(31) Priority Document No	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(32) Priority Date	:NA	BUNDER, MUMBAI 400001, MAHARASHTRA STATE,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHAH CHINTAN
(87) International Publication No	:N/A	2)RAUT PARAG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for providing enhanced engine oil replacement intervals in a diesel power generating set 100 is disclosed, an engine unit 108 is mounted over an elevated platform 112 positioned over a base surface 114, the system includes an oil sump 124 disposed below a diesel engine and adapted to receive a predetermined supply of engine oil, a first union bolt 158 is inserted within the oil sump 124 with a head portion 144 thereof exposed outside the oil sump 124. A pair of auxiliary oil reservoirs 126 is also mountable under the platform 112 and positionable adjacent to the oil sump 124 along a horizontal plane. Each of the auxiliary oil reservoirs 126 and the oil sump 124 when filled with engine oil have their corresponding maximum and minimum engine oil levels of available engine oil at equal heights from the base surface of the generator set 100. A second union bolt 176 and a third union bolt 178 is inserted within the pair of auxiliary oil reservoirs 126, respectively. A head portion 144 of each of the second and third union bolts 176, 178 is exposed outside the plurality of auxiliary oil reservoirs 126. Ends 188, 190 of both the hose pipes 186 is also connectable to the head portion 144 of the first union bolt 158 whereas, an opposite end 192 of one of the hose pipe 186 is connectable to the head portion 144 of the second union bolt 176 and an opposite end 194 of the other hose pipe 186 is connectable to the head portion 144 of the third union bolt 178.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1046/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A CORE CLAMPING YOKE ASSEMBLY WITH STRIP FLITCH PLATE (LIMB STIFFENER)

(51) International classification

:B21C23/14

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
BESANT ROAD, WORLI, MUMBAI-400 030,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)RISDIANA RIDWAN

(57) Abstract :

A strip Flitch Plate (Limb Stiffener) for spacing apart two plates, said strip flitch pfate being a mufti-strip assembly comprises: at least two elongate strips placed adjacent each other; and end plates adapted to hold ends of adjacent said at least two elongate strips in a joint manner, said end plates being provided at both longitudinal ends, at one side of said strips.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1047/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED SHAFT AND AN IMPROVED PROCESS FOR SHAFT MOUNTING OF ROTOR.

(51) International classification	:F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD, WORLI, MUMBAI-400 030,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DHOKANE PRAKASH
(61) Patent of Addition to Application Number	:NA	2)BHAGAWA POPAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved shaft and an improved process for shaft mounting of rotor, said process comprises the steps of: refraining from machining bearing seats on a shaft, located on either side of the area about which rotor is to be mounted, up to a predetermined thickness; inserting a rotor on to said shaft with relatively un-machined bearing seats; heating in order to achieve shrink fitting of rotor on said shaft; turning said rotor and said bearing seat in order to achieve finished diameter according to designed air gap; and machining said relatively un-machined bearing seats along with said rotor in order to achieve improved concentricity between outer diameter of said rotor and said bearing seat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.769/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN AUTOMATIC DRILL STOPPER DEVICE

(51) International classification	:B23B	(71)Name of Applicant :
	51/04	1)MAHINDRA AND MAHINDRA LTD.
(31) Priority Document No	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(32) Priority Date	:NA	BUNDER, MUMBAI - 400001, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. PATIL, NANDADEEPAK TULSIDAS
Filing Date	:NA	2)MR. DAKARE, HITESH PUNDALIKRAO
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention incorporates a system whereby during the drilling operation the drilling force is transferred from the driver motor to the tip of the drill bit but which ensures that the drilled surface does not suffer any damage in the case the drill machine is not removed even after completion of the drill hole. Once the hole to the set depth is drilled, the drilling machine comes in contact with the surface of the component that receives the drill hole. At this point, the present invention provides that the contact part of the drill machine stops its motion WRT the component surface while the driving motor is still connected to the driven part. However, the transfer of drilling force now takes place to the component surface rather than to the apex of the progressing drill hole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN OPERATING MECHANISM FOR ADJUSTING AND ALIGNING HEAD LAMP REFLECTORS OF OFF-ROAD VEHICLES

(51) International classification	:B60Q	(71)Name of Applicant :
(31) Priority Document No	1/26	1)MAHINDRA AND MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI 400001, MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)CHINNATHAMBI MANIKANDAN
(61) Patent of Addition to Application Number	:NA	2)P S RAJRAM
Filing Date	:NA	3)M SATYANARAYANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An operating mechanism for adjusting and aligning head lamp reflectors of off-road vehicles comprising: a first gear assembly (118) comprising a first small gear (122); a first large gear (124); a first intermediary shaft (126) connected to the first small and large gears; a first main shaft (128) operably connecting the first large gear to the top portion on the back surface of the head lamp reflector (102); and a first tube (136) disposed on the top surface (138) of the housing (104) of the head lamp and extending to a front portion (140) of the first small gear; and a second gear assembly (120) comprising: a second small gear (150); a second large gear (152); a second intermediary shaft (154) connected to the second small and large gears; a second main shaft (156) operably connecting the second large gear to the bottom portion on the back surface of the head lamp reflector (102); a second tube (162) disposed on the top surface of the housing of the head lamp and extending to a front portion of the second small gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1048/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM FOR LOCATING PARTIAL DISCHARGE IN WINDINGS

(51) International classification	:H02K3/40
(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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
BESANT ROAD, WORLI, MUMBAI-400 030,
MAHARASHTRA, INDIA.
(72)Name of Inventor :
1)VELANDY JEYABALAN

(57) Abstract :

A system for locating partial discharge in windings, said system comprises: reference database means adapted to store reference winding response signals for partial discharge pulse durations of time durations selected from a range of predefined time durations, said signals being correlative to various pre-defined sections of windings; means adapted to provide winding response signals in correlation to said various pre-defined sections of windings in order to obtain signals correlative to said pre-defined sections of windings; matched adaptive filter adapted to filter said obtained winding response signals; time domain analysis means adapted to obtain time domain winding response signals from said filtered winding response signals; frequency domain analysis means adapted to obtain frequency domain winding response signals from said filtered winding response signals; time based normalization means adapted to normalise said time domain winding response signals; frequency based normalization means adapted to normalise said frequency domain winding response signals; time based correlation means adapted to correlate said normalised time domain winding response signals with said reference winding response signals for obtaining a numerical value; and frequency based correlation means adapted to correlate said normalised frequency domain winding response signals with said reference winding response signals for obtaining a numerical value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.694/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : REUSABILITY MATURITY MODEL

(51) International classification	:G06F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENKATESH Srikanth
(87) International Publication No	: NA	2)JAYARAM M G
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for determining an overall maturity level of an organization in reusing assets are disclosed. The system comprises a processor and a memory coupled to the processor. The memory comprises an assessment module configured to determine an operational reusability maturity (ORM) score based upon a maturity level of the organization for each of a first set of parameters associated with reuse of assets. The assessment module is further configured to determine an outcome oriented reusability maturity (O2RM) score based upon a maturity level of the organization for each of a second set of parameters associated with reuse of assets. The assessment module is further configured to determine a composite reusability maturity (CRM) score based upon the ORM score and the O2RM score. The CRM score is indicative of the overall maturity level of the organization in reusing the assets.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND DEVICE OF ACTIVATING PREDETERMINED FUEL FLOW IN BI-FUEL VEHICLES

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	29/00	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(33) Name of priority country	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SARITA SHASHANK DHUMAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the disclosure relates to a method and system to activate CNG mode in bi fuel vehicles. The method comprises selecting either fuel selection mode or trip meter mode by pressing a select switch located on an instrument cluster. Also, the method comprises activating the CNG fuel mode by pressing and holding the select switch for predefined time duration during the fuel selection mode. A default fuel mode which is gasoline mode is activated upon pressing the select switch for time duration greater than the predefined time duration during the fuel selection mode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.813/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTEXT BASED SPLITTING AND TRANSMISSION OF BROADCAST CONTENT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	29/02	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SINHA ANIRUDDHA
(61) Patent of Addition to Application Number	:NA	2)CHATTOPADHYAY TANUSHYAM
Filing Date	:NA	3)BHAUMIK CHIRABRATA
(62) Divisional to Application Number	:NA	4)PAL ARPAN
Filing Date	:NA	

(57) Abstract :

A method and system is provided for context based splitting of a broadcast content stream and transmission of a relevant broadcast content out of said broadcast content stream to at least one edge device over a home area network for consumption. Particularly, the invention provides a method and system for obtaining context of the edge device and corresponding device owner; comparing the said obtained context with the broadcast content stream; finding and splitting relevant broadcast content out of the broadcast content stream according to the context of said edge device; and transmitting said relevant broadcast content to said edge device for future consumption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.814/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SYSTEM AND METHOD TO SELECT COMPATIBLE OPEN-SOURCE SOFTWARE AND COMPONENTS FOR DEVELOPED OR CONCEPTUALIZED SOLUTION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	21/00	1)TATA Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Subhranshu Sahoo
(87) International Publication No	: NA	2)Ganapathy Narayanan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for verifying the compatibility among the software components used in the software solution using an auto-license compatibility verifier. Further the present invention provides the method for enabling the said auto-license compatibility verifier a tool for automatically and dynamically mapping the licensing information of the software components which are used in the software solution with respect to the already stored licensing information which are stored in the database.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.872/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : MECHANISM FOR SPRING GUIDING

(51) International classification	:A44B 19/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DIXON MALCOLM CORREA
(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 mechanism for spring guiding using a slider and a slider guide which allows the compression of the spring without increasing the overall dimensions of the linkage. The mechanism for spring guiding system is less expensive to manufacture and suitable for smaller switches.

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR PROVIDING INDICATION OF LOAD CONDITIONS ON VEHICLE

(51) International classification	:B66F	(71)Name of Applicant :
(31) Priority Document No	9/02	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(33) Name of priority country	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KHOT PRASHANT R.
(61) Patent of Addition to Application Number	:NA	2)ABRAHAM GIBI G.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a system and a method for providing signal to engine to switch into two different maps/modes of operating conditions depending on loaded or unloaded condition of the vehicle. The load of the cargo vehicle is sensed by a mechanical or electro mechanical system, and fed to the engine control module which enables the engine control module to switch ON loaded or unloaded condition map / mode. The system and method of present disclosure results in improved fuel economy of the vehicle by selecting the proper mode of running the vehicle.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.935/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : TETRAZOLINOHYDRAHYDRAZINO PYRAZOLIN-5-ONE, USEFUL ANTIBACTERIAL MOLECULE.

(51) International classification	:C07D 401/14	(71) Name of Applicant : 1)PEDNEKAR SUHAS
(31) Priority Document No	:NA	Address of Applicant :RAMNARAIN RUIA COLLEGE, L.
(32) Priority Date	:NA	NAPPO ROAD, MATUNGA, MUMBAI-400019,
(33) Name of priority country	:NA	MAHARASHTRA STATE, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TIWARI SHAILESH
(87) International Publication No	:N/A	2)KAPDI ANANT RAMAKANT
(61) Patent of Addition to Application Number	:NA	3)PEDNEKAR SUHAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention reports the synthesis of novel tetrazolinohydrazino pyrazolin-5-one using a simple and practical synthesis process. Tetrazolinohydrazino pyrazolin-5-one belongs to a class of novel compounds which exhibit high biological activity with exceedingly high LD50 value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1042/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : IRON WITH AUTOMATIC LIFTING AND WRINKLE CLEARING MECHANISM

(51) International classification	:A63B55/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR.ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA MOHIT
(87) International Publication No	:N/A	2)CHAUDHARY RANJIT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric iron with an automatic lifting and wrinkle clearing mechanism, said iron comprising an arm surrounding a body of said electric iron, said arm being adapted to be fixed to said at its operative rear end and further adapted to extend beyond the operative front end of said electric iron in a spaced apart manner and still further adapted to provide angularly displacement capability to said body about its pivoting point of fixation to said body at said operative rear end.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1044/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED ANNEALING MECHANISM FOR LAMP MAKING MACHINES

(51) International classification	:H01J5/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD, WORLI, MUMBAI-400 030,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHAH SACHINKUMAR ASHOKCHANDRA
(61) Patent of Addition to Application Number	:NA	2)PADHIYAR MURJIBHAI JADAVBHAI
Filing Date	:NA	3)SHUKLA ANILKUMAR MATAPRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved annealing mechanism for lamp making machines, said annealing mechanism comprising: electrical heater based annealing conveyor adapted to receive lamp capsules; transfer conveyor adapted to receive and transfer unloaded lamp capsules; and annealing conveyor adapted to convey transferred lamp capsules through an annealing zone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.865/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : MOVING CONTACT ARRANGEMENT FOR SWITCHGEARS

(51) International classification	:H02B	(71)Name of Applicant :
(31) Priority Document No	1/06	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(86) International Application No	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
Filing Date	:NA	400 072, MAHARASHTRA STATE, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AMIT GUPTA
Filing Date	:NA	2)BRAJESH SINGH TOMAR
(62) Divisional to Application Number	:NA	3)AJIT A. AGWEKAR
Filing Date	:NA	4)MUKESH L. NIMANI

(57) Abstract :

The present invention provides a moving contact circuit breaker for protecting electric circuit. The circuit breaker having a fixed contact, a fixed arcing contact and a flexible contact. The fixed contact and the fixed arcing contact are secured in a housing of the circuit breaker and connected electrically to a top cradle terminal. The flexible contact is flexibly disposed in the housing of the circuit breaker and connected to a bottom cradle terminal. The flexible contact includes a plurality of finger members, a moving contact button, a flexible arcing contact and a finger cover with holes. The finger cover with holes are disposed over each of the flexible member for protecting the finger member from short circuit and for strengthening thereby quenching the arc during separation of fixed and moving contacts.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.981/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : TERMINAL HOLDER FOR LOW VOLTAGE CIRCUIT BREAKER

(51) International classification	:H01H 9/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, MAHARASHTRA STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ADITYA SONI
(61) Patent of Addition to Application Number	:NA	2)V RANI KISHORE REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a terminal holder for changing termination type of a switching device which provides modularity in termination type for switching devices. The terminal holder includes a base member, and a nut retainer configured on upper surface of the base member. The terminal holder further includes a knockout portion configured on lower surface of the base member. The terminal holder furthermore includes sliding ribs configured on both sides of the base member and end fixing ribs positioned at the end of the plurality of the sliding ribs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.982/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : APPARATUS AND METHOD OF FILTERING AIR CORE SENSOR SIGNALS FOR PROTECTION AND CONTROL UNITS OF CIRCUIT BREAKERS

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	9/26	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(86) International Application No	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
Filing Date	:NA	400 072, MAHARASHTRA STATE, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BHANWAR LAL BISHNOI
Filing Date	:NA	2)KARTHIK MANOKARAN
(62) Divisional to Application Number	:NA	3)RACHIT SHAILAIN JHAVERI
Filing Date	:NA	4)PRAHLAD SUPEDA

(57) Abstract :

An electronic trip unit adapted for filtration and amplification of an air core sensor signal is disclosed. The electronic trip unit comprises a two stage passive low pass filter, a single stage passive low pass filter and an operational amplifier gain stage such that the two stage passive low pass filter filters out high frequency noises from the air core sensor signal, the operational amplifier gain stage amplifies the signal and the single stage passive low pass filter filters out low frequency noises to produce an unpolluted output that is fed to a controller after analog to digital conversion via an analog to digital converter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : HOT CALIBRATION FOR MCCB

(51) International classification	:H02B1/015
(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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE,
MUMBAI 400001, STATE OF MAHARASHTRA STATE,
INDIA.
(72)Name of Inventor :
1)KANNAN, KAMALARAJ
2)VELMURUGAN, SENTHIL, KUMAR
3)SUBBAIA, GAYATHRI, DEVI
4)RAMASAMY, VEERASAMY

(57) Abstract :

This invention relates generally to circuit breakers. More particularly the present invention relates to improved release assembly for hot calibration of breakers and a method thereof. Method for hot calibration of breakers comprising the steps of positioning an integrated screw means in a fixture and locking using a screw lock; passing current to a heater element thereby allowing a bimetallic means to deflect; turning said integrated screw means clockwise/anticlock wise thereby allowing it to further touch a trip plate that trips said thermo magnetic release assembly. It reduces calibration time, increases productivity and reduces time & money wastage.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.695/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : TEST CIRCUIT FOR EARTH LEAKAGE CIRCUIT BREAKERS

(51) International classification	:H01H83/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(86) International Application No	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
Filing Date	:NA	400 072, MAHARASHTRA STATE, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AJABSINGH SHANKARSINGH PARDESHI
Filing Date	:NA	2)BITHI CHAUHAN
(62) Divisional to Application Number	:NA	3)GANESH SHETYE
Filing Date	:NA	

(57) Abstract :

The present invention provides a test contact system a test circuit of a circuit breaker. The system includes a test knob, a test contact, a test pin contact and a test pin. The test knob is disposed on the circuit breaker. The test contact is operable on operating the test knob, wherein the test contact is charged by a neutral pole and internally short with line pole circuit. The test pin contact is adapted to connect with the test contact, wherein upon operating the test knob, the test contact gets connected or disconnected with test pin contact; characterized in that. Further the test pin is adapted to connect with the test pin contact to complete the circuit for testing when a rotor lock is in ON position and disconnect from test pin contact when the rotor lock is in OFF position thereby preventing burning of a test circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.983/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN ARC CHUTE ASSEMBLY OF A MOULDED CASE CIRCUIT BREAKER

(51) International classification	:H01H 9/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, MAHARASHTRA STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)NAYAN BHUPENDRA DEGDA
(61) Patent of Addition to Application Number	:NA	2)AMIT CHATURVEDI
Filing Date	:NA	3)MUKESH NIMANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved are chute assembly of a moulded case circuit breaker is disclosed that comprises an opposed pair of arc chute lining . a plurality of first deion plates and a plurality of second deion plates. The first deion plates and the second deion plates facilitate lengthening of the electric arc to maximize arc voltage build up that ultimately results in reduced cut off current & let through energy of the moulded case circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.984/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED ARC QUENCHING DEVICE FOR ELECTRICAL SWITCHING DEVICE

(51) International classification	:H01H 9/34	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, MAHARASHTRA STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)K VETRIVEL
(61) Patent of Addition to Application Number	:NA	2)DEEPAK M OCHANI
Filing Date	:NA	3)NIDHI KALPANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates a circuit breaker having housing & cover made up of insulating material, pair of separable contacts enclosed within housing, cover and an arc quenching device. The arc quenching device having a plurality of deion plates, characterized in that each of the deion plate of the plurality of deion plates is chamfered on a top corner and disposed in the lining. Each of the deion plate having top corner chamfered opposite to that of adjacent deion plates enables zig-zag flow of hot gases produced therein faster quenching of the arc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.985/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : INTEGRAL SHAFT FOR A CIRCUIT BREAKER

(51) International classification	:H01H 9/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, MAHARASHTRA STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)V RANI KISHORE REDDY
(61) Patent of Addition to Application Number	:NA	2)AMIT CHATURVEDI
Filing Date	:NA	3)ADITYA SONI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An integral shaft assembly 10 includes an integral shaft having a pair of compression springs mounted on a plurality of spring holders located thereon. A plurality of spring pins are positioned in a plurality of spring pin slots defined on the spring holders. The integral shaft assembly is having a central pin slot that receives a central pin positioned entirely therein. The integral shaft assembly includes two end caps and a shaft cover. The end cap positions atop the integral shaft. The shaft covers may position along the sidewalls of the integral shaft.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2012

(21) Application No.870/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : INSULATED SUPPORT FOR ELECTRICAL CONNECTORS/BUS BARS/TERMINALS AND ASSEMBLY THEREOF IN AN ENCLOSURE

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	11/11	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(86) International Application No	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
Filing Date	:NA	400 072, MAHARASHTRA STATE, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJESH JETHLIYA
Filing Date	:NA	2)DIPIKA BHADORIYA
(62) Divisional to Application Number	:NA	3)TEJASKUMAR BALGONDA PATIL
Filing Date	:NA	

(57) Abstract :

The present invention provides an insulated support that is mountable on an enclosure surface for robustly supporting at least one electrical conductor. The insulated support is configured with a plurality of slots adapted to accommodate a respective plurality of nuts and bolts that coaxially engage with each other for robustly mounting the electrical conductor on the insulated support and connecting the insulated support to the enclosure surface. The insulated support is having a bottom surface that is larger than a top surface with axially converging sidewalls adapted to facilitate a pyramid shape to the insulated support. The top surface includes a pair of protrusions adapted to securely hold the electrical conductor in a predefined position on the insulated support.

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.871/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SIDE INDICATION MECHANISM FOR MODULAR ELECTRIC AUXILIARY DEVICES

(51) International classification	:H01H 71/46	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ONKAR VASUDEO KULKARNI
(61) Patent of Addition to Application Number	:NA	2)ROHIT PATIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an indicating mechanism for indicating side of coupling of modular electric devices adapted to couple from both side. The mechanism includes an indicating. window, a flag and a pin. The indication window is configured on a casing of the modular electric device. The flag has two colour strips and a protrusion. The protrusion is adapted to dispose in a first cavity of a knob. The colour strips of the flag are visible from the indication window. The pin is disposed in a second cavity of the knob, the slit is disposed on the protrusion thereby enabling sliding of the pin therearound for connecting another modular electric device. The slit is partially occupied by the protrusion and the remaining portion shows either of the colour strips thereby indicating the side of coupling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.934/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A HYDRAULIC BRAKING SYSTEM, A METHOD OF OPERATING AND A METHOD OF ASSEMBLING THEREOF

(51) International classification	:B60T 8/32	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADHUSUDAN GOPALRAO BELSARE
(87) International Publication No	: NA	2)VISWANATHAN ANAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to hydraulic brake system (10) for vehicle (11). The hydraulic brake system (10) comprises master cylinder (1) coupled to brake pedal (2) for displacing brake fluid to brakes. The master cylinder (1) generates a hydraulic braking pressure in response to brake pedal operation. Rear brakes (3) are mounted on a rotary flange (4) through brake anchor plate (14) for braking rear wheels. The front brakes (8) are connected to the master cylinder (1) through control unit (5). An auxiliary cylinder (7) is connected to each of the front brakes (8) for transmitting hydraulic braking pressure to the front brakes (8). The auxiliary cylinders (7) are disposed in the vicinity of rear wheels. The control unit (5) is connected to the master cylinder (1) which operates conditionally only when pressure generated by auxiliary cylinder (7) is less than the pressure in the master cylinder (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.988/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SPRING CLAMP ELECTRICAL TERMINAL FOR QUICK INSTALLATION OF AN ELECTRICAL DEVICE

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	4/38	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(86) International Application No	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
Filing Date	:NA	400 072, MAHARASHTRA STATE, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AJABSINGH SHANKARSINGH PARDESHI
Filing Date	:NA	2)BITHI CHAUHAN
(62) Divisional to Application Number	:NA	3)GANESH SHETYE
Filing Date	:NA	

(57) Abstract :

The invention relates a spring clamp electrical terminal assembly for quick installation of an electrical device. The spring clamp terminal comprises an actuating arm of obtuse angular shape and a working arm with a slanting pressing tip. The spring clamp electrical terminal assembly includes a clamping spring having a pair of contact legs and a pair of side clamping legs. The spring clamp is downwardly movable by rotating the actuating lever by a tool means so as to cause pressing of spring by the working arm over an actuating arm of the clamping spring to insert and position electrical conductor firmly engaged between the contact legs of the spring.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1028/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : POWER TRAIN ASSEMBLY

(51) International classification	:F16C19/52
(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)MOVALIYA RAJESH GANDUBHAI
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106, ROYAL COMPLEX, DHEBAR ROAD, RAJKOT - 360002,
(GUJARAT) INDIA
(72)**Name of Inventor :**
1)MOVALIYA RAJESH GANDUBHAI

(57) Abstract :

A power train assembly is disclosed. The power train assembly includes a synchromesh main gear assembly, a rear transmission assembly and an automatic depth and draft control system. The synchromesh main gear assembly includes a collar, a frictional cone and at least one synchronizer ring. The rear transmission assembly is functionally connected to the synchromesh main gear assembly. The rear transmission assembly includes an auxiliary transmission and a rear differential. The automatic depth and draft control system is functionally connected to the rear transmission assembly and regulates depth and draft settings of an implement functionally connected to the power train assembly.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.737/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : 'APPARATUS FOR MULTI-AXIS TESTING OF RIGID BODY CARGO VEHICLES'

(51) International classification :G01M17/00

(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 :2121/MUM/2008

Filed on :03/10/2008

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI-400001, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. VIVEK DWIVEDI

2)MR. SANTOSH GOSAVI

3)MR. CHIMAD MAHAVIR

4)MR. MITHUN CHASKAR

5)MR. PRADEEP MAMGAIN

6)MR. GANESH KALE

7)MR SHRIKRISHNA JOSHI

(57) Abstract :

The present invention discloses a full chassis frame fatigue testing apparatus for vehicles comprises wheel sets holding fixtures, aggregates assembled on the frame assembly to be tested, plurality of actuators to apply equivalent loads in longitudinal, vertical and lateral directions on the said frame, braking load actuators attached to each axle to apply the braking forces on the frame, cabin mounting actuator to apply the cab mount load and load body simulation actuators to apply the load on the load body. The wheel sets holding fixtures are configured to hold the vertical loading and longitudinal loading actuators. The lateral loading actuators are connected to the fixtures at any one end of each axle of the frame and a plurality of load body simulation actuators for simulation of a load body attached to the frame. The simulation actuators are mounted on the load body by using a U bolt assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.746/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : IMPROVED TOGGLE MECHANISM FOR ELECTRICAL SWITCHING DEVICES

(51) International classification	:H01H 33/666	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of MAHARASHTRA STATE, 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)CORREA Dixon Malcolm
Filing Date	:NA	2)THAKUR Pankaj Dattatraya
(87) International Publication No	: NA	3)FEGADE Pramod L.
(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 generally to electrical switching devices. More particularly the present invention relates to an improved toggle mechanism for electrical switching devices. An improved toggle mechanism for electrical switching devices, said mechanism comprising a common housing means (1) providing support to said mechanism, a said housing having a plurality of slots (18); an actuating shaft (2) located in said housing means driving said mechanism, said actuating shaft couple to a working shaft (3) using multi toothed cam means; a rotary support means (4) having a plurality of holes (19); a plurality of floating spring rests (6); ETC.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.921/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A POWERTRAIN MOUNTING ARRANGEMENT

(51) International classification	:B60K	(71)Name of Applicant :
	5/04	1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHUTOSH SUDHEER PATTALWAR
(87) International Publication No	: NA	2)SUBODH P SAWANT
(61) Patent of Addition to Application Number	:NA	3)NILESH BABASAHEB BORHADE
Filing Date	:NA	4)DATTATRAYA BABURAO PHALKE
(62) Divisional to Application Number	:NA	5)AJEY SATISH KELKAR
Filing Date	:NA	6)SANJAY PATIL

(57) Abstract :

A powertrain mounting frame (100) for a vehicle comprising: at least one mounting bracket (1) is provided on each of a chassis long member (2) wherein, the mounting bracket (1) is fixed at a predetermined location on the chassis long member (2) for mounting the powertrain (3) on to the chassis long member (2); plurality of reinforcement members (4) provided to the chassis long member (2) of the vehicle to withstand stresses and loads generated by the powertrain (3); the mounting bracket (1) acts as a top stop plate for a suspension member (5) fixed to the chassis long member (2).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1057/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : TEST KIT SIGNAL SELECTIVITY USING UNIQUE DIP SWITCH COMBINATIONS

(51) International classification	:H01H15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	MUMBAI-400001, STATE OF MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)BISHNOI, BHANWAR LAL
(61) Patent of Addition to Application Number	:NA	2)GOEL, PRYANK
Filing Date	:NA	3)SUPEDA, PRAHLAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally relates to the field of circuit breaker testing. More particularly, the present invention relates to a test kit for testing circuit breaker and method thereof. Circuit breaker test kit comprises at least one DAC IC; a plurality of DIP switches for providing a plurality of voltage level inputs to said DAC IC; wherein said DIP switches providing for a range of selectable voltage levels for inserting in the signal conditioning section of the Electronic range of trip units thereby electronically tripping an electronic trip unit of an MCCB by means of an external power supply; wherein said DAC providing an analog output fed to a signal conditioning unit using a plurality of USB cables; wherein said DIP switch configured to give Rogowski signal inputs to R, Y and B phases of said electronic trip unit of MCCB.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.684/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : PUSH PULL CABLE ADJUSTMENT MECHANISM AND THE METHOD THEREOF

(51) International classification	:F16C1/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(33) Name of priority country	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHINDE MAHESH PRATAP
(61) Patent of Addition to Application Number	:NA	2)DEEPAK RR
Filing Date	:NA	3)MOHIRE SUJIT S
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A push pull cable adjusting mechanism comprising a first hook (1) mounted pivotally to one end of a screw rod (2) and the other end of the screw rod (2) is fixed to one end of an inner cable (3) of the push pull cable assembly. A slack adjuster nut (4) is threaded onto one end of the screw rod (2) for adjusting the tension in the push pull cable, wherein, the slack adjuster nut (4) is locked by a locking mechanism. A second hook (5) is fixed to other end of the inner cable (3) of the push pull cable assembly. A groove (6) is provided on a release lever (7) fixed onto a gear box end (12) of a transmission of the vehicle.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : REAR DOOR INTERLOCK FOR MV SWITCHGEAR PANEL

(51) International classification	:H02B11/127	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	MUMBAI-400001, STATE OF MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)CHAUDHARY, YATINDRA
(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 generally to a switch board arrangement. More particularly the present invention relates to improved interlock assembly for switchgear panel to prevent direct access of live parts thereby preventing opening of rear cover. Present invention provides a rear door interlock for MV switchgear panel. It prevents the direct access of live parts from rear side of panels. It ensures that the breaker is in test/disconnected before open the rear door,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN APPARATUS TO DETECT AN OPEN CIRCUIT CONDITION OF A THERMOCOUPLE AND A METHOD THEREOF

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	31/02	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(33) Name of priority country	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHWAS VAIDYA
(61) Patent of Addition to Application Number	:NA	2)YOGESH JADHAV
Filing Date	:NA	3)APARNA KARANDIKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the disclosure relates to an apparatus and a method to detect an open circuit condition of a thermocouple. The apparatus comprises a differential amplifier to generate a differential voltage output across the thermocouple where each terminal of the thermocouple is connected to input terminals of the differential amplifier. Also the apparatus comprises a predetermined filter connected to the output of the differential amplifier to filter noise from the differential voltage output generated by the differential amplifier block. Further the apparatus comprises a transistor switch to activate a connection of predetermined voltage supply to one of the terminals of the thermocouple. A control unit is configured to control the transistor switch and to receive the filtered output of the low pass filter as an input. The control unit compares the received input with a predefined value to detect the open circuit of the thermocouple.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.987/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : SCREW-LESS TERMINATION ASSEMBLY FOR MODULAR ELECTRIC DEVICES

(51) International classification	:H01H 9/02	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA STATE, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ONKAR KULKARNI
(61) Patent of Addition to Application Number	:NA	2)AMEYA S JOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a wire clamping assembly for clamping wire against a terminal of a modular electric device having housing, a cover and a casing. The assembly having at least one cavity, an actuator, a rotating lever and a clamping spring disposed inside the housing and the cover. The cavity provides opening for inserting an electric wire therethrough. The actuator with a test terminal and a opening configured on the casing for accessing the actuator for detaching the clamped wires. The rotating lever juxtaposition with the actuator, the rotating lever rotates upon activating the activator. The clamping spring is disposed between the slider and the terminal. The clamping spring enables to detachably secured wire against the terminal and for releasing the wire actuator is rotated manually thereby moving the lever and the slider to operate the clamping spring to release wire therethrough.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1041/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IN-BUILT SCALING PROTECTION SYSTEM FOR HEATING ELEMENT IN STORAGE WATER HEATERS

(51) International classification	:F24D17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD, WORLI, MUMBAI-400 030,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)NADKARNI MAYUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A water heaters with an in-built scaling protection system for heating element, said water heater comprises: tank with an outer body, said tank being adapted to receive water from an inlet pipe and to pass out heater water through an outlet pipe; heating element, within said tank, said heating element being enveloped in an enclosure, said enclosure being a thermally conductive enclosure and outer surface of said enclosure being in communication with said water, thereby preventing direct contact of said heating element with water in said tank; and oil bath adapted to be provided around said heating element, within said enclosure, said oil being heat transfer oil adapted to transfer heat from said heating element to outer surface of said enclosure, thereby heating water in communication with said enclosure in said tank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.671/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD TO DETECT PARALLEL ARCING OF A CIRCUIT BREAKER TO PREVENT RE-STRIKING

(51) International classification	:H01H71/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of MAHARASHTRA STATE, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEY Moumita;
(87) 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 generally to a method of circuit protection and more particularly to a method to detect parallel arcing of a circuit breaker to prevent re-striking during the opening of contacts using a numerical relay under a predefined condition. The method comprising the steps of checking status of breaker re-strike function; taking phase current as input; verifying zero cross detection for each phase current; comparing each phase current to predefined current nominal value and current pickup value; checking status for breaker tripping; verifying re-strike time delay and providing output status to breaker re-strike condition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PULSE-JET CLEANING OF BAG FILTERS

(51) International classification	:B01D 25/00	(71)Name of Applicant : 1)THERMAX LIMITED Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE- 411 019, MAHARASHTRA STATE, 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)VISHWANATH PUNDALIK BHANDARKAR
(87) International Publication No	:N/A	2)VISHAL DASHRATH WAYAL
(61) Patent of Addition to Application Number	:NA	3)SURENDRA HABIB
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for pulse-jet cleaning of filter cartridges in a bag filter is disclosed. The system comprises; an air reservoir for supplying compressed air, a pulse valve for regulating the supply of compressed air, an air supply conduit having a plurality of apertures (120), where each aperture (120) corresponds with a filter cartridge for conducting the regulated flow of compressed air, wherein, the aperture (120) is provided with a dual-jet nozzle (112) which produces a dual-jet pulse (132 & 134) having different jet velocity and jet angle for penetrating different sections of the filter cartridge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A LEAD TERMINATION ASSEMBLY

(51) International classification

:H01R
13/639

(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)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE

BESANT ROAD, WORLI, MUMBAI 400 030,

MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)PANWAR ARYA

2)EDISON DENNY CHELLADURAI

(57) Abstract :

A lead termination assembly comprises a substantially t-shaped tubular assembly further comprises the layers of: innermost layer formed of an elongate metal tube electrode; intermediate layer formed of paper insulation enveloping said elongate metal tube electrode; and outermost layer formed of pressboard barrier insulation across pre-defined areas of said metal tube electrode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.819/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A LIQUID NITROGEN COOLED PANCAKE WOUND CORE AND CAST RESIN TYPE TRANSFORMER USING SAID CORE, THEREOF

(51) International classification	:H01F 29/00	(71)Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(32) Priority Date	:NA	BESANT ROAD, WORLI, MUMBAI 400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAIR SHARATH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A liquid nitrogen cooled pancake wound core, said core comprising: core winding assembly comprising a plurality of annular rim shaped foil layers, each pair of adjacent foil layers being interspersed with an annular rim shaped insulation layer, said inner layer rim being spaced apart from said outer layer rim by interlayer ducts; and cooling tubes inserted between said interlayer ducts. A cast resin transformer comprising liquid nitrogen cooled pancake wound core, is also provided.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : CONTACT ARRANGEMENT FOR ELECTRICAL SWITCHING DEVICE

(51) International classification	:H01H 9/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA STATE, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)POTHANA SANTHOSH
Filing Date	:NA	2)PIYUSH SHYAMSUNDAR HURKAT
(87) International Publication No	:N/A	3)ROHIT NARESH PATIL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A contact arrangement for an electrical switching device is provided. The contact arrangement has a slit and a curved edge on at-least one of the contacts, the slit being positioned such that when an arc is formed, angle between the current path of the arc and the current path in the contact is an acute angle and the curved edge near the slit enabling the arc to move away from the contacts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.995/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : BENZIMIDAZOLE APPENDED TRIAZOLE LINKED 1, 3-DI CONJUGATE OF CALYX [4] ARENE

(51) International classification	:C07D 405/04	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(31) Priority Document No	:NA	Address of Applicant :POWAI, MUMBAI-400076,
(32) Priority Date	:NA	MAHARASHTRA STATE, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PROF. CHEBROLU PULLA RAO
Filing Date	:NA	2)RAKESH KUMAR PATHAK
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a benzimidazole appended triazole linked 1,3-di conjugate of calix[4]arene (L) represented by formula I for the selective and sensitive detection of Cu²⁺ and a method for preparing the same. where R = tert-butyl Formula I

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.989/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : MICROCONTROLLER BASED PULSE WIDTH MODULATION (PWM) POWER SUPPLY FOR A CIRCUIT BREAKER

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	9/26	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(33) Name of priority country	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(86) International Application No	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
Filing Date	:NA	400 072, MAHARASHTRA STATE, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BHANWAR LAL BISHNOI
Filing Date	:NA	2)VINOD DESHMUKH
(62) Divisional to Application Number	:NA	3)VIVEK AGARWAL
Filing Date	:NA	4)SHWETA SHETTY
		5)NEHA SHARMA

(57) Abstract :

The present invention discloses a microcontroller based pulse width modulation (PWM) power supply for a circuit breaker having an electronic circuit arrangement comprises at least one current transformer for generating an alternating secondary current that converts into a pulsating direct secondary current through a bridge rectifier. The bridge rectifier connects to a metal-oxide-semiconductor field-effect transistor. The electronic circuit includes a microcontroller that generates a plurality of pulse width modulation signals. The microcontroller includes an analog to digital converter. The electronic circuit includes a resistor divider having a first pair of resistors for adjusting the sensing voltage. The electronic circuit includes a second pair of resistors for limiting a gate current and discharging a gate capacitance of the metal-oxide-semiconductor field-effect transistor. The electronic circuit includes a zener diode for over-current protection and a pair of diodes for isolating a plurality of gate signals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.944/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : IMPROVED MECHANICAL INTERLOCK FOR CIRCUIT BREAKERS

(51) International classification	:H01H 9/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF MAHARASHTRA STATE, 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)SINGH, SUKHJINDER
(87) International Publication No	:N/A	2)KANNADKAR, DINESH R
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved mechanical interlock arrangement for two or more circuit breakers. The arrangement comprises first circuit breaker and second circuit breaker comprising a primary assembly, comprising atleast one control sliding bracket, atleast one control bracket, atleast one status sliding bracket, atleast one pin assisting sliding, atleast one threaded connector, atleast one pin, atleast one spring positioned on said threaded connector operating inbetween said base mounting bracket and said control sliding bracket; a secondary assembly comprising atleast one secondary mounting bracket, atleast one hole in said secondary mounting bracket, atleast one control actuator, atleast one secondary sliding link, atleast one trip actuator, and atleast one rivet on said secondary mounting bracket; a breaker set assembly comprising atleast one trip member, atleast one intermediate link, atleast one push button, atleast one pole shaft, atleast one welded link, atleast one interlock driver/pole shaft adapter, and atleast one pivot screw; a plurality of mounting holes; and a plurality of provisional threaded holes connecting said threaded connector in different interlocking schemes and a flexible cable assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.717/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : AUTODISABLE LANCET

(51) International classification	:A61B5/151
(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)INDALIA MEDICAL DEVICES PVT. LTD
Address of Applicant :KARE HOUSE, 2ND FLOOR, NEXT
TO NANUTEL HOTEL, MARGAO-GOA 403601 Goa India
(72)**Name of Inventor :**
1)JOSE OLAVO COTTA

(57) Abstract :

The present invention deals with a 'single use' and an autoidisable lancet system -which would help in reducing cross contamination due to repeated and unsterile use of contaminated lancets .The advantage of the present invention include simple design ,ease in manufacture and cost effective product for mass use. The J shaped spring member, the 'single use arm'and the unique 'disabling means' encased slidingly in an inexpensive housing are the critical components of this improved 'single use1 lancet system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.774/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : FOUR WHEEL DRIVE FOR A FARM VEHICLE

(51) International classification	:B62D 11/06	(71) Name of Applicant : 1)MOVALIYA RAJESH GANDUBHAI
(31) Priority Document No	:NA	Address of Applicant :CAPTAIN TRACTORS PVT. LTD,
(32) Priority Date	:NA	106, ROYAL COMPLEX, DHEBAR ROAD, RAJKOT - 360002,
(33) Name of priority country	:NA	Gujarat India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MOVALIYA RAJESH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses an adapted four wheel drive mechanism by which torque from an engine of a vehicle is selectively transmitted from a rear transmission to a front differential so as to convert a two wheel drive mechanism to a four wheel drive mechanism in a controlled manner. The adapted four wheel drive mechanism includes a front wheel torque transmission arrangement (B), operated by actuation of a fork and lever arrangement (A), to selectively transmit torque from the rear transmission to the front differential through a rear transmission torque take-off arrangement (C).

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.660/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : SIMPLE AND STABLE AQUEOUS INJECTABLE SUSPENSION FORM OF BETAMETHASONE SODIUM PHOSPHATE AND BETAMETHASONE DIPROPIONATE

(51) International classification	:A61K 9/14	(71)Name of Applicant : 1)NEON LABORATORIES LTD.
(31) Priority Document No	:NA	Address of Applicant :140, DAMJI SHAMJI INDUSTRIAL
(32) Priority Date	:NA	COMPLEX, MAHAKALI CAVES ROAD, ANDHERI (EAST),
(33) Name of priority country	:NA	MUMBAI-400093, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARAB, D. INDIRA
(87) International Publication No	:N/A	2)GITE, D. SHRIKRISHNA
(61) Patent of Addition to Application Number	:NA	3)NARKHEDE, L. VIRENDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses stable aqueous Injectable suspension comprising Betamethasone Sodium Phosphate and Betamethasone Dipropionate in easily re-dispersible form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : OPTIMIZATION OF CONTROLLER AREA NETWORK ARCHITECTURE WITH HARDWIRED WAKE-UP CAPABILITY

(51) International classification	:H05K7/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DIBYENDU PALAI
(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 in the field of communication networks where different electronic control units (ECUs) communicate with each other over controller area network (CAN) protocol. The present invention proposes a new network architecture for controlling wake-up and sleep of different ECUs connected over CAN Network. As per the present invention, there is one Active Wake-up ECU in the network. Different wake-up inputs (from door open switch, hazard switch, etc) will be connected to this Active Wake-up ECU in the network. This Active Wake-up ECU in turn wakes up other Passive Wake-up ECUs in the network through a separate and single Hardwired Wake-up Line (HWL). The HWL will be connected to all dormant mode ECUs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.775/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SPINERETTE FOR IMPROVED SPINNING PRODUCTIVITY

(51) International classification	:D01D	(71)Name of Applicant :
	5/06	1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :RELIANCE INDUSTRIES LTD. 3RD
(32) Priority Date	:NA	FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT,
(33) Name of priority country	:NA	MUMBAI 400 021, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THANDAYUTHAPANI KARUNANITHI
(87) International Publication No	:N/A	2)CHATTERJEE SUMANTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A spinneret for extruding a plastic polymer melt there-through to form fibers is disclosed in accordance with an embodiment of the present disclosure. The spinneret includes a plurality of apertures arranged along a plurality of contours to improve spinning productivity by enhancing aperture density while eliminating risk of filament fusion by maintaining appropriate aperture spacing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.777/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AUTO CLINICAL DOCUMENT GENERATOR

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)NEMA, BABU SHASHIKUMAR
(61) Patent of Addition to Application Number	:NA	2)SUBRAMANYA, RAGHAVENDRA BASRUR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for authoring the clinical trial documents by assembling the componentized and re-usable content elements and their corresponding object elements using an auto-clinical document generator. Further, the present invention provides the method for enabling the said auto-clinical document generator, a tool for automatically creating the said content elements and their object elements in a componentized manner and further capable for importing and assembling the componentized re-usable said content elements and their object elements for authoring the said clinical trial document for the selected study. Upon authoring of the clinical trial document, said document is generated in a desired format.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : PRINTED CIRCUIT BOARD AND CHIP SYSTEM

(51) International classification	:G05D23/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MEDIATEK INC.
(32) Priority Date	:NA	Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE-
(33) Name of priority country	:NA	BASED, INDUSTRIAL PARK, HSIN-CHU 300, R.O.C.
(86) International Application No	:NA	Taiwan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)TZU-HUNG WANG
(61) Patent of Addition to Application Number	:NA	2)CHIA-HAO YANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A printed circuit board for mounting a chip, comprising a plurality of pads formed on the printed circuit board and electrically connected to a plurality of pins of the chip, wherein the pins comprise unused pins and functional pins, and a trace is disposed on the printed circuit board, wherein the trace passes through a part of the pads which are connected to the unused pins to form a conductive path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.829/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING A CUSTOMIZED TRANSITION SOLUTION FOR IT OR IT-ENABLED SERVICES

(51) International classification	:H04L	(71)Name of Applicant :
	29/02	1)TATA Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(32) Priority Date	:NA	Point Mumbai 400021 MAHARASHTRA STATE, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Abhijit Mazumder
Filing Date	:NA	2)Narasimhan Srinivasan
(87) International Publication No	: NA	3)Manish Kumar Jain
(61) Patent of Addition to Application Number	:NA	4)Abhishek Singh Chauhan
Filing Date	:NA	5)Priti Jha
(62) Divisional to Application Number	:NA	6)Suyash Shrivastava
Filing Date	:NA	

(57) Abstract :

A method and system for generating customized transition solution is disclosed herein. According to the method and system of the present invention the customer-specific requirements are analyzed in order to identify the parameters such as scope context risks and assumptions associated with the design of the transition solution. These identified parameters are then utilized to devise transition solution strategies and accordingly an effective context-specific transition solution is designed.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : STEERING SYSTEM FOR A MULTI-AXLE VEHICLE

(51) International classification	:B62D 7/14	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA STATE,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMIT GUPTA
(87) International Publication No	: NA	2)NIMISH SUTAR
(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 multi-axle steering system for a vehicle having a chassis. The multi-axle steering system includes a drag link connected to a second wheel of a second axle of the vehicle; a relay arm pivotally mounted on the chassis and having an end portion connected to the drag link; a first master cylinder connected to a portion of the relay arm and the chassis the second master cylinder is adapted to displace fluid contained therein based on the movement of the drag link; an idler rod connected to an end portion of the relay arm; an idler arm pivotally mounted on the chassis and connected to the idler rod; and a second master cylinder connected to an end portion of the idler arm and the chassis the first master cylinder is adapted to displace fluid based on the movement of the second idler arm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : IMPROVED ARRANGEMENT FOR EARTHING IN ELECTRICAL ENCLOSURES

(51) International classification	:H02G 3/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA STATE, 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)BHADORIYA, DIPIKA
(87) International Publication No	:N/A	2)JETHLIYA, RAJESH
(61) Patent of Addition to Application Number	:NA	3)SASI, VIVEK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates generally to earthing system. More particularly, the present invention relates to an improved arrangement for earthing in electrical enclosures. An improved arrangement for earthing in electrical enclosures comprising atleast one Special Earthing washer means (3) having a plurality of teeth; atleast one washer means (2); atleast one nut means (1); atleast one half nut means (4); atleast one stud means (5); atleast one metal sheet (6); wherein said special earthing washer r adapted to penetrate said enclosure thereby making a metal to metal contact without removing powder coating from surface of said enclosure without exposing surface from corrosion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.832/MUM/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR SELECTION OF SKILLED LABOUR

(51) International classification

:G06Q
10/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Tata Consultancy Services Limited

Address of Applicant :Nirmal Building 9th Floor Nariman
Point Mumbai 400021 MAHARASHTRA STATE, INDIA.

(72)Name of Inventor :

1)Vinayak Iyer

2)Pankaj Doke

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4)Kushal Gore

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6)Apurv Nigam

7)Praveen Sunka

8)Ravichander Karthik Chittur

9)Sanjay Kimbahune

10)Ramiz Raza

(57) Abstract :

A system and method facilitating an adhoc employment comprising an application embedded on a plurality of personal communication devices. The application is configured to capture and identify personal details of plurality skill supplier associated uniquely with each of the said personal communication devices. A server hosted with a gateway application configured to communicate with the plurality of personal communication devices. A pre-identified geographical territories binding each personal communication device and dynamically geo-tagging each personal communication device associated with the plurality of skill supplier randomly to at least one geographical territory. At least one skill seeker connected communicably with server adapted to search the plurality of skill supplier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.669/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD OF DETECTING MALFUNCTIONING OF BREAKER USING NUMERICAL RELAY

(51) International classification	:H02H7/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of MAHARASHTRA STATE, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEY Moumita;
(87) 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 generally to a circuit protection method and more particularly to a method of detecting malfunctioning of breaker by supervising breaker contacts using a numerical relay under a predefined set of conditions. The method comprising the steps of determining status of breaker arcing; determining status of breaker tripping; taking phase current value of each phase, calculating root mean square for each phase current for two cycles using an integrator; comparing said root mean square current to pickup value; providing output signal to a user defined hardware for corrective action.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.785/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : SECOND LANGUAGE ACQUISITION SYSTEM

(51) International classification	:G10L 3/00	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(32) Priority Date	:NA	Point Mumbai 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BHATTACHARYA Suman
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 :

Method(s) and system(s) for speech processing of second language speech are described. According to the present subject matter, the system(s) implement the described method(s) for speech processing of Oriya English. The method for speech processing include receiving a plurality of speech samples of Oriya English to form a speech corpora where the plurality of speech samples comprise sounds of both vowels and consonants and, a plurality of speech parameters are associated with each of the plurality of speech samples. Method also includes determining values of the plurality of speech parameters for each of the plurality of speech samples and identifying difference between the values of each of the plurality of speech parameters and a corresponding value of accent neutral English. Further, the method includes articulating governing language rules based on the identifying to assess phonetic variation and mother tongue influence in sounds of vowels and consonants of Oriya English.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1156/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :20/05/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : A FLOCKED CLEARER ROLLER FOR THE COLLECTION OF WASTE FIBRE GENERATED IN THE DRAFTING SYSTEM OF THE YARN SPINNING AND COMBING MACHINE

(51) International classification	:D01H5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIMTA CLEAR COATS PVT LTD
(32) Priority Date	:NA	Address of Applicant :3/1-C. NEAR RVS HOSTEL, SULUR,
(33) Name of priority country	:NA	COIMBATORE-641402 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)C.P.GANESH
(87) 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 clearer roller for the collection of waste fibre generated in the drafting system of the yarn spinning and combing machine to produce defect free, best quality yarn. The clearer roller is a flocked clearer roller for the collection of waste fibre generated in the drafting system of the yarn spinning.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1896/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : FRONT FRAME COVER FOR A MOTORCYCLE

(51) International classification	:B62K19/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES
(33) Name of priority country	:NA	NO.29(OLD NO. 8), HADDOWS ROAD, CHENNAI - 600 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARUN KUMAR FRANCIS
(61) Patent of Addition to Application Number	:NA	2)GOKA RAVIKUMAR BALU
Filing Date	:NA	3)THANIKACHALAM GUNALAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides a front cover for a frame of a motorcycle. Front cover has specific grooved structure configured to hold front wiring cables, rearward extended profile configured to cover a secondary air injection unit of an internal combustion engine and its external aerodynamic shape configured to deflect approaching air towards internal combustion engine. Mentioned engine is fixed with atleast one bracket such that front cover is covering front right side and front left side of frame and forming a partially closed structure on front and upper side of front cover. Front frame cover is secured between a frame head tube and a frame down tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1897/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A ROCKER ARM ASSEMBLY FOR VARIABLE ROCKER RATIO

(51) International classification	:F01L 1/00	(71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(32) Priority Date	:NA	(OLD NO. 8), HADDOWS ROAD, CHENNAI - 600 006. Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THIRUVALLUR LOGANATHAN
(87) International Publication No	: NA	BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)V. LAKSHMI NARASIMHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A variable ratio rocker arm assembly for an internal combustion engine is disclosed in the present specification to increase the amount of air entering a combustion cylinder by increasing the valve lift. The rocker arm assembly includes a first rocker arm adapted to move a valve between a closed position and an open position, a second rocker arm in contact with a cam, a connecting means configured to connect the first and the second rocker arm and a shifting mechanism to shift the connecting means between specified positions.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1898/CHE/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : MAGNETO ASSEMBLY

(51) International classification	:H02K 21/00	(71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(32) Priority Date	:NA	(OLD NO. 8), HADDOWS ROAD, CHENNAI - 600 006 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAMRAJ JABEZ DHINAGAR
(87) 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 magneto assembly for an internal combustion engine comprising an outer rotor with permanent magnets for synchronously rotating with a crankshaft of the engine, an inner stator with coils wound to generate alternating voltage based on the rotating magnetic field created by the said rotor permanent magnets, a sensor connected with the engine crankcase and located in close proximity to the outer periphery of the said outer rotor for providing a signal indicative of the rotor position wherein the said outer rotor has at least one slot on its outer periphery to change the magnetic field created by the said sensor.

No. of Pages : 11 No. of Claims : 6

(54) Title of the invention : DIFFERENT DESIGNED WIND MILL WITH AIR POLLUTION CONTROL MACHINE

(51) International classification	:F03D 3/00	(71) Name of Applicant : 1)T.BHOOMAIAH CHARY
(31) Priority Document No	:NA	Address of Applicant :H.NO. 3-5-50 KOTAGALLY (VARNI
(32) Priority Date	:NA	ROAD) NIZAMABAD - 503 001 Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)T.BHOOMAIAH CHARY
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 :

Different designed blades windmill with air pollution control machine. Different design blades windmill is vertical soft wind mill. It rotates any time anticlockwise .It has four Triangular wings and its inner side is steel wire mesh and on the mesh set three steps sub wings made by rectangular Parachute cloth. These four triangular blades are Different design blades as like Birds wings, and sub wings works as like birds feathers. When wind blows from any side of Different design blades windmill, then the four sub wings moves back side but steel mesh stops sub wings movements. So wind power pushes wing to antilock wise, Belt fixed to axle wheel and fully of exist fan. When windmill rotates exist fan too rotates fast. So exist fan suck pollution air from outdoor area and push at surface of water. So air pollution all emerges in the water there is no chance to fly out side from water any pollution particles. This machine works with out cost for maintenance. This machine emerges dust, microns, cotton particles, smoke, and all pollution of air per day some grams. There is removed dirty water, and fill with fresh water in the water box one or two days once. When use more machines simultaneously in the village. Machines are emerged some kilo grams, dust from pollution air, microns, cotton particles, smoke, and all pollution of air per day. There is a chance to made air pollution free village for use them simultaneously more machines.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2012

(21) Application No.1830/CHE/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : VERTICAL FARMING

(51) International classification	:A01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R.K. BHARTI
(32) Priority Date	:NA	Address of Applicant :SOQ1, HAL SENIOR OFFICERS
(33) Name of priority country	:NA	ENCLAVE, OLD MADRAS ROAD, BANGALORE - 93
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R.K. BHARTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This farming concept of utilizing vertical space for growing vegetables or food grains on commercial scale is to feed the growing world population. The available farming land on earth and more so in developing countries like India is shrinking due to population explosion. The housing and other supporting infrastructure requirements like roads, schools, hospitals, industry etc for supporting the growing population is reducing the available land for farming thereby effecting the farm output. Also increasing population requires more food supply to feed the additional millions adding every year. Increasing the farm productivity is one method to increase food production but it also has its own limitations. The other method is to have more land for cultivation to increase food production but this is also limited due to limited land mass of earth. Thus the only other feasible method is to exploit the vertical space for farming. Thus the concept of vertical farming through construction of dedicated multi storey farming structures is a very promising technique to increase food supply. Dedicated multi storey farming structures in the middle of existing cities can locally meet food needs of surrounding population thereby reducing the pressure on infrastructure for movement of farm produce.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1831/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : MARCOSE ELECTRONIC POWER GENERATOR

(51) International classification

:H05K

(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)MARCOSE MANIKUTTAN

Address of Applicant :T.C.44/846, O.L.G.NAGAR,
VALIATHURA, TRIVANDRUM - 695 008 Kerala India

(72)Name of Inventor :

1)MARCOSE MANIKUTTAN

(57) Abstract :

The invention relates to electronic power generator solves the primary source of energy leads to nature's free availability as a raw material which is unavailability, and what is available is inadequate and irregular. This electronic generator gives the solution for the primary source of energy availability.

No. of Pages : 6 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1906/CHE/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : ARECANUT PEELER

(51) International classification	:A23N7/00
(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)JOY AUGUSTINE.K
Address of Applicant :FATHIMA MATHA H.S.S, TIRUR-7
POOKKAYIL P.O., MALAPPURAM DT Kerala India
(72)**Name of Inventor :**
1)JOY AUGUSTINE.K

(57) Abstract :

The present invention relates to an areca nut peeling machine for peeling the skin of the areca nuts. The machine comprises of feeding chamber, rollers with teeths, blades, cables, cable connector, handle, pushing rod, stoppers, springs with supporters, frame and legs. The machine is operated manually by a handle provided. The blades are arranged for peeling the nuts and rollers with pushing springs, pulling springs and cables are provided for opening and removing the husk from the nut. The ends and sides of the areca nut are pierced at the same time and the nut and the husk will be obtained separately. The machine will peel areca nut of any quality and size without getting the nut damaged. Since motor is not used, no external power is required for operating the machine. The machine can peel the areca nut manually at fast rate. The machine is light weighted and portable.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1982/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : BINARIZATION OF DQP USING SEPARATE ABSOLUTE VALUE AND SIGN (SAVS) IN CABAC

(51) International classification	:H03M7/00	(71)Name of Applicant :
(31) Priority Document No	:61/497,281	1)Sony Corporation
(32) Priority Date	:15/06/2011	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-
(33) Name of priority country	:U.S.A.	0075 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Jun Xu
(87) 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 :

Video coding systems or apparatus utilizing context-based adaptive binary arithmetic coding (CABAC) during encoding and / or decoding are configured according to the invention with an enhanced binarization of non-zero Delta-QP (dQP). During binarization the value of dQP and the sign are separately encoded using unary coding and then combined into a binary string which also contains the dQP non-zero flag. This invention capitalizes on the statistical symmetry of positive and negative values of dQP and results in saving bits and thus a higher coding efficiency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1902/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : IMPROVED PROCESS FOR MANUFACTURE OF NSAIDS AND NARCOTIC ANALGESICS TABLETS

(51) International classification	:A61K 9/00	(71)Name of Applicant : 1)MEDREICH LIMITED
(31) Priority Document No	:NA	Address of Applicant :MEDREICH HOUSE, NO.12/8,
(32) Priority Date	:NA	SARASWATI AMMAL STREET, M.S. NAGAR,
(33) Name of priority country	:NA	BANGALORE, KARNATAKA - 560 033 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOTHRA CHANDANMAL PUKHRAJ
(87) International Publication No	: NA	2)DR.KANDARAPU RAGHUPATHI
(61) Patent of Addition to Application Number	:NA	3)AMARNATH REDDY PALLA
Filing Date	:NA	4)SAMBASIVA RAO MARAM
(62) Divisional to Application Number	:NA	5)BALA KISHORE GUNDLURU
Filing Date	:NA	

(57) Abstract :

The present invention provides improved process for the manufacture of NSAIDs and Narcotic analgesics stable film-coated tablet dosage form, wherein the process comprises coating of uncoated tablets by aqueous coating process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1903/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : NOVEL BICYCLE PUMP USING PEDALING ENERGY FOR AIR FILLING ATTACHMENT

(51) International classification	:B62J 11/00	(71)Name of Applicant : 1)C. SENTHIL KUMAR
(31) Priority Document No	:NA	Address of Applicant :EAST VAIL THOTTAM
(32) Priority Date	:NA	KAVERIYAMMAPATTY (P.O.) ODDANCHATRAM - 624 619
(33) Name of priority country	:NA	DINDIGUL (DT) Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)C. SENTHIL KUMAR
(87) 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 describes a novel adaptation of a bicycle air pump to be permanently attached to the bicycle frame(1) and use special mechanism to utilize the pedaling energy to inflate the bicycle tyre suitable even for frail and not so skilled persons. The pump has special fitting arrangement for easily stowing the pump while not in operation. While the pump is needed for operation, this fitting arrangement facilitate easy location of the pump in operating position and allows the pedaling motion to be used for pumping air into the bicycle tube inlet(12) for inflation. The invention comes with special components and adapters for locating the pumps piston rod (5) easily into the pedal mechanism without any special tools and also ensures that the mechanism stays positively locked while in operation. After operation, the mechanism can be easily removed from the pedal(6) system and stowed away without hindering the normal operation of the bicycle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/09/2008

(21) Application No.2132/CHE/2008 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A FLUID LEVEL SENSOR

(51) International classification	:G01F
(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	:2616/CHE/2007
Filed on	:12/11/2007
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRICOL LIMITED

Address of Applicant :P.B.NO.6331 (1087-A), NEW NO.
702/7, AVANASHI ROAD, COIMBATORE-641 037 Tamil
Nadu India

(72)Name of Inventor :

1)M. KAJA ALIAR HUSAIN

(57) Abstract :

Invention provides for a fluid level sensor with a guide body (10) having a float cavity (62) with a covering (63), which is mounted onto a flange (40). The flange is provided with a rib (51) to increase holding strength. A float (70) which slides along the float cavity (62) when there is a variation of the fluid level. The float cavity (62) makes point contacts with the float (70). A PCB assembly (90) placed along the guide body (10) for fluid level indication, and magnet (71) mounted onto the float (70) activates reed switch (93) of the PCB assembly (90) to indicate the fluid level.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2842/CHE/2008 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ELECTRONIC CONFERENCING

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAN DAHIYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for electronic conferencing is provided. The method includes notifying one or more participants about a conference schedule. Further, receiving a request from at least one participant of the one or more participants for changing the conference schedule. Furthermore, the method includes checking rules associated with the request. In addition, the method includes changing the conference schedule based on the rules and providing the conference schedule to the one or more participants. The system includes a first electronic device for proposing a conference and a second electronic device for proposing a change to the conference. Further, the system includes an application server for implementing the change to the conference based on rules. Furthermore, the system also includes an Extensible Mark-up Language Data Management Server (XDMS) for storing the rules.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2922/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD OF INTERFERENCE MANAGEMENT FOR CELL-EDGE USERS IN CDMA SYSTEMS

(51) International classification	:H04W72/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Reliance-IITM Telecom Centre of Excellence (TCoE)
(32) Priority Date	:NA	Address of Applicant :ESB 331 Department of Electrical
(33) Name of priority country	:NA	Engineering IIT Madras Chennai - 600 036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sendilramkumar Devar
(87) International Publication No	: NA	2)Prof. Bhaskar Ramamurthy
(61) Patent of Addition to Application Number	:NA	3)Ravinder David Koilpillai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments disclosed herein relates to a method and system for interference management in a CDMA communication system. The system defines cell edge zones for a coverage area. Further, the system analyzes the data rate request from the Access terminals (ATs) and identifies the ATs at the cell edge. The system considers the ATs requesting low data-rate for the forward link, as interference limited and such ATs are classified under cell edge zone. Further, the system schedules the cell edge ATs and intimate the cell edge ATs that they are scheduled under cell edge zone. Further the system provides time and code repetition services to the ATs to achieve a reliable low data rate transmission when the interference is high. Further, the system intimates the receivers the repetition format being used so that the receiver selects a proper receiver method so as to suppress interference.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2297/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD FOR PERFORMING REAL TIME CLOCK CALIBRATION THROUGH FRAME NUMBER CALCULATION AND ASSOCIATED APPARATUS

(51) International classification	:H04N1/00	(71)Name of Applicant :
(31) Priority Document No	:13/409,116	1)MEDIATEK INC.
(32) Priority Date	:01/03/2012	Address of Applicant :No. 1 Dusing Rd. 1st Science-Based
(33) Name of priority country	:U.S.A.	Industrial Park Hsin-Chu R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Tung-Yi Wang
(87) International Publication No	: NA	2)Chih-Chong Wang
(61) Patent of Addition to Application Number	:NA	3)Chun-Ming Kuo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for performing real time clock (RTC) calibration through frame number calculation are provided where the method is applied to an electronic device. The method includes the steps of: before power failure of the electronic device occurs obtaining an original time value from an RTC of the electronic device and storing the original time value and a frame number of a first frame into a storage unit; and after the electronic device is powered on since elimination of the power failure obtaining a frame number of a second frame and performing at least one calculation operation according to the frame number of the second frame the frame number of the first frame and the original time value to determine a calibrated time value of the RTC and updating the RTC with at least one of the calibrated time value and a derivative of the calibrated time value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2298/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD FOR PERFORMING FLUENT PLAYBACK CONTROL IN RESPONSE TO DECODING STATUS AND ASSOCIATED APPARATUS

(51) International classification	:H04N21/00	(71)Name of Applicant :
(31) Priority Document No	:13/429,436	1)MEDIATEK INC.
(32) Priority Date	:25/03/2012	Address of Applicant :No. 1 Dusing Rd. 1st Science-Based
(33) Name of priority country	:U.S.A.	Industrial Park Hsin-Chu R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Chun-Ming Lai
(87) International Publication No	: NA	2)Jian-Liang Lin
(61) Patent of Addition to Application Number	:NA	3)Fang-Yi Hsieh
Filing Date	:NA	4)Wei-Nien Chen
(62) Divisional to Application Number	:NA	5)Kuan-Hung Chou
Filing Date	:NA	

(57) Abstract :

A method for performing fluent playback control is provided where the method is applied to an electronic device. The method includes the steps of: determining whether an out of synchronization status regarding audio playback and video playback occurs; and when it is detected that the out of synchronization status occurs controlling jump timing of video playback according to at least one of scene change detection and standstill detection. For example the scene change detection can be performed to determine whether a scene change exists and when it is detected that the scene change exists a jump operation of video playback is triggered. In another example the standstill detection can be performed to determine whether a standstill phenomenon exists in order to determine whether to delay triggering a jump operation of video playback. In another example a temporary audio pause operation can be selectively performed. An associated apparatus is also provided.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2847/CHE/2008 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SCREEN SHARING

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAN DAHIYA
(61) Patent of Addition to Application Number	:NA	2)Vasista Sarma A S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for sharing screens among electronic devices in IP multimedia subsystem (IMS) is provided. The method includes receiving a request for initiating sharing of a screen from one or more electronic devices and checking one or more rules stored in an extensible markup language data management server (XDMS) associated with the sharing. Further, the method includes sharing the screen based on the outcome of rule check. The system includes a plurality of electronic devices and an X-share application server receiving a request for initiating sharing of a screen from a first electronic device and automatically sharing the screen with one or more electronic devices based on one or more rules. The system also includes an extensible markup language data management server (XDMS) in electronic communication with the X-share application server and the plurality of electronic devices for storing the one or more rules.

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

(54) Title of the invention : MANUFACTURING PROCESS OF MONTELUKAST SODIUM, ITS NEW INTERMEDIATES AND PREPARATION THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANIA HUMANCURE PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :SANIA HUMANCURE PRIVATE
(33) Name of priority country	:NA	LIMITED G-3&4 THIRUMALA RESIDENCY MALLAPUR
(86) International Application No	:NA	HYDERABAD AP-500076 (INDIA)
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. TAPAN KASHYAP
(61) Patent of Addition to Application Number	:NA	2)G. BHASKAR REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Chemically Montelukast sodium is known as 1[[[(R) -1-[3-[(1E)-2-(7-Chloro-2-quinolinyl) ethenyl]phenyl] 3-[2-(1 -hydroxy- 1-methylethyl) phenylpropyl]thio]methyl] cyclopropane acetic acid sodium salt of formula (A). (A) Montelukast sodium is a leukotriene antagonist and inhibits the synthesis of leukotriene biosynthesis. It is useful as anti-asthmatic, anti-allergic, anti-inflammatory, cytoprotective agent and hence useful in the treatment of asthma, angina, cerebral spasm, glomerular nephritis, hepatic, end toxemia, uveitis and allograft rejection. European patent 480717 discloses Montelukast sodium alongwith other related compounds and the methods for their preparation. The reported method of synthesis proceeds through corresponding Methyl 2-[(3S)-[3-[(2E)-(7-Chloro-2-quinolinyl) ethenyl]phenyl] 3-hydroxypropyl] benzoate and involves coupling methyl -1-(mercaptomethyl) cyclopropane acetate with in-situ generated mesylate. The methyl ester of Montelukast is hydrolysed to free acids and finally converted to sodium salt. The process is not particularly suitable for large scale production because it requires chromatographic separations and low product yields. US patent 5,565,473 discloses a synthetic process wherein the compound is obtained as oil that is then dissolved in water and freeze dried. The preparation method of this patent can be altered to allow for the preparation of Montelukast related compounds as J. Org. Chem., 58: 3731-3735 (1993). The process requires tedious chromatographic purification of methyl ester intermediate and/ or the final product. Further the yield of the product is quite low. Therefore this process is not suitable for large scale production. US patent 5,614,632 discloses amorphous hygroscopic sodium salts unsuitable for pharmaceutical formulation and provides process for crystalline salts of sodium and DCHA. US patent 0107612 discloses the preparation of other amine salts of Montelukast for purification purpose but leading to increased number of steps and low yields. WO 2006/ 008751 and US 2005/0107612 describes the process using 3-halopropyl derivative in place of 3-hydroxy propyl, but chlorination step involved exposes aliphatic double bond leading to chloro impurity in API which is an unspecified impurity as per European and Indian Pharmacopoeia. US 2005/ 0234241 used cyclopropyl nitrile and amides derivatives in coupling step in place of carboxylic acid derivatives followed by hydrolysis to get Montelukast free acid. Despite of many known processes disclosed, each suffers from one or the other problems, leading to the requirement of further improved and efficient process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1798/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A DEVICE FOR DOSING AN AQUEOUS SOLUTION AND A METHOD OF PURGING AQUEOUS SOLUTION

(51) International classification	:F01N13/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MOHANKUMAR KUPPUSAMY
Filing Date	:NA	2)NARENDIRAN ND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for dosing an aqueous solution and a method of purging an aqueous solution is disclosed. The device comprises a tank, a supply module and a dosing module. The device is characterized by a first valve in the supply module, an air intake module in fluid communication with the first valve, a second valve in the dosing module, a first flow path extending from the first valve in the supply module to the second valve in the dosing module and a second flow path extending from the second valve in the dosing module to the tank. The method comprises the following steps: comprising the following steps: switching a first valve to establish fluid communication between an air intake module and a first flow path; switching a second valve in a dosing module to establish fluid communication between a first flow path and a second flow path and operating a pump to intake air from air intake module and push residual aqueous solution in the first flow path through the second flow path to said tank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2912/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : DIP SWITCH CHANGE DETECTION IN A SELF POWERED RELAY

(51) International classification	:H01H71/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB TECHNOLOGY LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJAY SHAH
(87) International Publication No	: NA	2)INDRESH BHATIA
(61) Patent of Addition to Application Number	:NA	3)SOHAL PATEL
Filing Date	:NA	4)VISHAL SHAH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to interface for a self powered protection relay that uses mechanical switches for its configuration. The protection relay comprises of a base relay for measurement of line current and generation of a trip signal, a Human Machine Interface (HMI) unit for specifying, by a user, a base setting of an operating parameter of the protection relay. The base relay is self-powered from the line and the HMI unit is provided with auxiliary power supply. The protection relay is configured with mechanical switches provided in the protection relay. The HMI unit in the protection relay is designed to detect and alert the user of the relay of any change in the base setting carried out with one or more mechanical switches provided in the relay in powered and un powered conditions of the base relay.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : COMPACT VACUUM INTERRUPTER WITH SELECTIVE ENCAPSULATION

(51) International classification :H01H33/00
(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)ABB TECHNOLOGY LTD
Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
ZURICH Switzerland
(72)**Name of Inventor :**
1)HRISHIKESH S BRAMHAPURIKAR
2)SUBBIAH THEVER DUKKAIAPPAN
3)SHASHIKANT R AHIRE
4)SANJAY KHANDALKAR
5)VENKATESAN.P
6)RAMESH V
7)YOGESH B HINGANE

(57) Abstract :

The invention provides a vacuum interrupter that comprises a fixed contact and a movable contact placed axially in a spaced apart relationship. Also, the vacuum interrupter comprises two ceramic insulator cylinders each surrounding the fixed contact and the movable contact, a floating shield located within the said ceramic cylinders and having a floating potential flange disposed between the two ceramic cylinders and being exposed to external ambience. The vacuum interrupter also has encapsulation provided with an encapsulating material. This includes encapsulation for at least one contact terminal extending from the metallic end cap of the corresponding said contacts and covering the respective said ceramic cylinder by an overlapping distance. The invention also provides a method of improving voltage withstandability of the vacuum interrupter, which vacuum interrupter is in accordance with the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : ORBITAL REACTION TYPE ENGINE

(51) International classification	:F01C1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANGALAPILLIL GOPALAN SAHADEVAN NAIR
(32) Priority Date	:NA	Address of Applicant :MANGALAPILLIL THUNDIYIL
(33) Name of priority country	:NA	HOUSE PANDANAD P.O, CHENGANNUR - 689 506 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANGALAPILLIL GOPALAN SAHADEVAN NAIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An orbital reaction type engine comprising a cylindrical (1) casing in which a cylindrical rotor (2) is disposed. The rotor is fitted to the driveshaft eccentrically so that the drive shaft (7) rotates as the rotor orbits. The combustion chamber (8) is built within the rotor with an opening (17) which will shift from the compression side to the expansion side as the rotor orbits. The compression side and the expansion side are separated by two sliding vanes (4) fixed to slots in the housing. A fixed vane (3) in the rotor swings and slides with in a rotating Pivot (5) fixed outside the cylindrical housing. The fixed vane (3) separates the inlet and outlet ports. The spark plug (10) is fitted inside the rotor, with the power connection cable taken through a hole inside the fixed vane. The spark is activated when combustion chamber comes between the sliding vanes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1881/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHODS FOR ASSESSING TRANSITION VALUE AND DEVICES THEREOF

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFORYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LAKSHMI NARASIMHAN NARAYANAN
(61) Patent of Addition to Application Number	:NA	2)GOPICHAND AGNIHOTRAM
Filing Date	:NA	3)SUBHADIP BANDYOPADHYAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and apparatus that generates a transition enabler overall score for each of a plurality of transition enablers based on at least one weight values and at least one score associated with each transition enabler. A hierarchical statistical model is generated based at least on the transition enabler overall scores and at least one of transition metric values, transition impact values, a transition context index value, or domain expert information. At least one transition impact value is determined for one or more transition impacts based on the hierarchical statistical model. The at least one transition impact value is output.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHODS FOR MANAGING WORK LOAD BURSTS AND DEVICES THEREOF

(51) International classification	:G06F 9/00	(71) Name of Applicant : 1)INFOSYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(32) Priority Date	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(33) Name of priority country	:NA	100 Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHYAM KUMAR DODDAVULA
(87) International Publication No	: NA	2)MUDIT KAUSHIK
(61) Patent of Addition to Application Number	:NA	3)JOEL MATHEW
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and resource management computing device comprises identifying one or more workload bursts in a production environment. One or more additional resources in a non-production environment required to manage the one or more workload burst in a production environment is determined by comparing an environment resource consumption value against a permissible maximum value, wherein the environment resource consumption value is a value indicating usage of each of the one or more resources. One or more additional resources are identified in the non-production environment. The identified one or more additional resources are provided to handle the one or more workload bursts.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1883/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : SYSTEMS, METHODS AND COMPUTER READABLE MEDIA FOR CALCULATING A SECURITY INDEX OF AN APPLICATION HOSTED IN A CLOUD ENVIRONMENT

(51) International classification	:G06F	(71)Name of Applicant :
	21/00	1)INFOSYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(32) Priority Date	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NITIN SINGH CHAUHAN
(87) International Publication No	: NA	2)DR. ASHUTOSH SAXENA
(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 method and system for calculating a security index of an application hosted in a cloud environment. The application is mapped to a cloud service provider of the cloud environment, and a set of security controls and a set of security metrics applicable for the application are identified. The set of security controls and the set of security metrics are encapsulated into a security profile object by a security control module. A set of values of the set of security metrics are retrieved from the cloud service provider, by a cloud probe module, and the security index of the application is calculated.

No. of Pages : 28 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1884/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHODS OF CONFIRMING USER INTERACTION IN RESPONSE TO A REQUEST FOR A COMPUTER PROVIDED SERVICE AND DEVICES THEREOF

(51) International classification	:G06F 21/00	(71)Name of Applicant : 1)INFOSYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(32) Priority Date	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(33) Name of priority country	:NA	100 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. ASHUTOSH SAXENA
(87) International Publication No	: NA	2)SRAVAN KUMAR RONDLA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and access manager device includes providing an initial challenge to a client computing device requesting access to a service. The initial challenge includes one or more of one or more objects, one or more indicative answers, and one or more questions based on the one or more objects. At least one challenge response to the initial challenge is received from the client computing device. A determination is when there is a match between the at least one challenge response to the initial challenge and corresponding response data associated with the initial challenge. One or more actions with respect to the request to access the service are performed based on the determination.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3071/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : NORMALIZATION OF A SYNCHRONIZATION SIGNAL FOR 3D GLASSES

(51) International classification	:H04N13/00	(71) Name of Applicant :
(31) Priority Document No	:61/253,150	1)XPAND, INC.
(32) Priority Date	:20/10/2009	Address of Applicant :1815 NW 169TH PLACE, SUITE
(33) Name of priority country	:U.S.A.	3060, BEAVERTON, OR 97006 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BOYD MACNAUGHTON
(87) International Publication No	: NA	2)RODNEY W. KIMMELL
(61) Patent of Addition to Application Number	:NA	3)DAVID W. ALLEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A viewing system for viewing video displays having the appearance of a three dimensional image.

No. of Pages : 176 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2284/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR INTEGRATED MEDIA PLANNING AND AUTOMATED ADVERTISEMENT DISTRIBUTION AND INSERTION

(51) International classification	:H04N21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Rajendra Kumar Khare
(32) Priority Date	:NA	Address of Applicant :# 1295 1st Cross 1st Main HAL 3rd
(33) Name of priority country	:NA	Stage Indiranagar Bangalore-560075 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rajendra Kumar Khare
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for integrating a media plan and a targeted advertisement into a television or a radio channel. The system includes a user interlace for receiving a media plan and a television program schedule. The system also includes a media-server to integrate the television program schedule and the targeted advertisement based on the media plan and to generate a Mark-in and a Mark-out montage. The system further includes one or more edge devices for fetching the targeted advertisement, detecting the Mark-in and the Mark-out montage and inserting the targeted advertisement into the television channel. The method includes receiving a media plan from an advertiser. The method also includes selecting a television channel by the advertiser. The method further includes scheduling of a targeted advertisement. Furthermore, the method includes fetching and inserting the targeted advertisement for playing on the television channel based on the media plan.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2997/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : SOLID ORAL DOSAGE FORMS OF AZAPEPTIDE HIV-1 PROTEASE INHIBITOR

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHIMPI SHAMKANT LAXMAN
(87) International Publication No	: NA	2)MUCHIVOLU SUDARSHAN REDDY
(61) Patent of Addition to Application Number	:NA	3)DEO KISHOR DATTATRAY
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to oral dosage forms of HIV-1 protease inhibitor. More particularly, the present invention relates to oral dosage forms of atazanavir prepared by dry process without using solvents such as, dry blending, direct compression or dry granulation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2010

(21) Application No.2998/CHE/2010 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : PHARMACEUTICAL DOSAGE FORMS OF ATAZANAVIR

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHIMPI SHAMKANT LAXMAN
(87) International Publication No	: NA	2)MUCHIVOLU SUDARSHAN REDDY
(61) Patent of Addition to Application Number	:NA	3)DEO KISHOR DATTATRAY
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to oral solid dosage forms of HIV-1 protease inhibitor. More particularly, the present invention relates to oral dosage forms of atazanavir prepared by melt granulation process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3078/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : POWER STEERING FLUID CONTAINER

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANE TRW STEERING SYSTEMS LIMITED
(32) Priority Date	:NA	Address of Applicant :45, 1ST FLOOR, T.T.K ROAD,
(33) Name of priority country	:NA	ALWARPET, CHENNAI - 600 018 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARK D' MEL
(87) 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 container for power steering fluid which is of simple construction, attractive in appearance and which has high resistance to breakage. More particularly, the present invention relates to a fluid container having multiple grip areas with ribs and with contours and protrusions to provide ideal handling and grip while usage. The fluid container of the present invention comprising top portion; bottom portion; front portion; back portion; side portions; tilt; atleast one label mounting area and neck portion. The top portion is curved with a channel in the middle and the front portion is curved to enhance the tilt. The top of the back portion is arched and tapered and rounded in the front portion for vertical stacking. The neck portion directly coincides with the curvature of the containers front portion thereby withstanding pressure from all sides.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3079/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : SAFETY ENHANCED HEADGEAR

(51) International classification	:G08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIT UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :VELLORE 632 014 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KALIYAPERUMAL GANESAN
Filing Date	:NA	2)KANCHAN BHAKOO
(87) International Publication No	: NA	3)KRISHNAN SRIKANTHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides an enhanced safety head gear system, and a method that integrates safety head gear with the user, controls the operation of users vehicle and provides communication to other devices. The head gear (helmet) is provided with a plurality of sensors, electronic control unit, bidirectional communication unit and an audio system with necessary power system. The vehicle is fitted with a plethora of sensors and ECU along with a Mobile communication system, position sensing sensors and bidirectional communication unit. With these add-ons the vehicle and helmet can talk to each other and offer a bunch of new services particularly more safety features such as imposing the riders to wear the helmet, ensuring that riders are not intoxicated, releasing of side stands, prevention of vehicle theft, prior intimation of traffic signs ahead, calling near and dear automatically in case of hit and run kind of accidents. The proposed invention also provides direction changing information, braking information and speed information to other fellow riders on the road. The electronically logged information of events occurred can be useful to evaluate the riders. This is helpful for insurance and licensing agencies.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2578/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING DOWNLINK COMMON CHANNELS

(51) International classification :H04W72/00
(31) Priority Document No :PCT/CN2011/076456
(32) Priority Date :28/06/2011
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE Wistron Telecom AB
Address of Applicant :19tr Kista Science Tower Farogatan
33 Stockholm Sweden
(72)**Name of Inventor :**
1)Xiaodong ZHU
2)Yonghong GAO
3)Aijun CAO

(57) Abstract :

The present invention discloses a method and system for transmitting downlink common channels in a cellular telecommunication system where base-stations employ beam-forming techniques in downlink channels. The method comprises: transmitting the downlink common channels by using a rotating narrow-directional beam with a rate of R rad/s. By using the method and the system the un-balance problem between the common channels and dedicated channels is solved without reducing the transmit power to the dedicated channels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2885/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :21/11/2008

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PERFORMING OPERATIONS IN AN ELECTRONIC DEVICE

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Kaushik Das
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for performing operations are provided. The method includes identifying a context in response to an input and determining number of favorites associated with the context. The method also includes retrieving a first favorite associated with the context and displaying the first favorite. Moreover, the method includes checking if the first favorite is a desired favorite, retrieving other favorites until the desired favorite is encountered, and displaying the other favorites. The system includes a favorite manager for creating one or more favorites, deleting the one or more favorites, and editing the one or more favorites. The system also includes a context manager for identifying a context in response to an input. Further, the system includes a mapping manager for mapping the one or more favorites associated to the context and providing the one or more favorites associated to the context.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :24/11/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : SMS TRACKING SYSTEM

(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)EQUITAS MICRO FINANCE INDIA P LTD.

Address of Applicant :4TH FLOOR, TEMPLE TOWER, 672,
ANNA SALAI, NANDANAM, CHENNAI - 600 035. Tamil
Nadu India

(72)Name of Inventor :

1)MAHALINGAM, H

2)VASUDEVAN, P.N.

(57) Abstract :

A system and method for generating and tracking message traffic in real-time is disclosed. The system comprises a server for generating the message traffic based upon a predefined event a modem that communicates with the server such that the modem interfaces the server with the external world, and a Subscriber Interface Module (SIM) card placed in the modem for sending or receiving the message traffic in real-time on a telecommunication network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2966/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : CHEMICAL REACTIONS IN MICRO MIXING REACTOR

(51) International classification	:B01J19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Dr Reddys Laboratories Limited

Address of Applicant :Dr. Reddys Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh India

2)Dr Reddys Laboratories Inc.

(72)Name of Inventor :

1)Kopparapur Ramachandra Janardana Sarma

2)Mediseti Venkata Rama Krishna

3)Kushal Surajmal Manudhane

4)Narra Santosh Reddy

5)Saurabh Gupta

6)Bhimavarapu Srinivasa Reddy

7)Pittala Bala Murali Krishna Reddy

8)Ganta Sudhakar

(57) Abstract :

The application relates to process for preparing active pharmaceutical ingredients, its intermediates, salts and esters thereof by employing the continuous flow micro mixing reactor technology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3213/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A PROTECTION RELAY FOR SESITIVE EARTH FAULT PRTECTION

(51) International classification	:H02H3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB TECHNOLOGY LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH. Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NIRAJ SUTHAR
(87) International Publication No	: NA	2)VISHAL SHAH
(61) Patent of Addition to Application Number	:NA	3)PRIYANK DESAI
Filing Date	:NA	4)MOHAMMED Y SHAFI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to design of protection feature in a self powered protection relay. It specifically provides a relay with sensitive earth fault protection. This protection is being achieved in tandem with optimal power on trip time (switching to fault) and with integrated logic for inrush discrimination. The self supplied protection relay is provided with a current processing module adapted to measure and evaluate line current to generate trip signal. The current processing module has the capability of inrush current suppression to block earth fault detection during an inrush condition and thereby increase sensitivity of fault detection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : HUMAN-MACHINE INTERFACE FOR A SELF-SUPPLIED RELAY

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB TECHNOLOGY LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH. Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BERNHARD DECK
(87) International Publication No	: NA	2)VIJAY SHAH
(61) Patent of Addition to Application Number	:NA	3)INDRESH BHATIA
Filing Date	:NA	4)JATIN PARMAR
(62) Divisional to Application Number	:NA	5)NIRAJ SUTHAR
Filing Date	:NA	

(57) Abstract :

The present invention relates to design and interface of protection relay with the operator of the protection relay. The invention more specifically relates to the interface for a self-power relay. The protection relay comprises of a base relay for measurement of line current and generation of a trip signal, a base Human Machine Interface (HMI) for specifying, by a user, a base setting of an operating parameter of the protection relay, and an optional Human Machine Interface (HMI) unit. The protection relay is adapted to accommodate the optional HMI unit comprising a processing unit to manage plurality of activities with controlled power consumption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1153/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :09/05/2008

(43) Publication Date : 15/11/2013

(54) Title of the invention : A NOVEL METHOD FOR EXTRACTION OF ASTAXANTHIN USING ACETONE, WHICH ASSISTS IN EFFECTIVE DEHYDRATION AND PRESERVATION OF FRESH PRAWN SHELL

(51) International classification	:A23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
(32) Priority Date	:NA	Address of Applicant :PELICAN BIOTECH & CHEMICAL
(33) Name of priority country	:NA	LABS, 6041 A, VAYALAR P.O, CHERTHALA, ALAPUZZHA-
(86) International Application No	:NA	688536, Kerala India
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A new process for dehydrating prawn shell using acetone and its derivatives thereby preventing decay, improving shelf life, enhancing the production capacity, gives better quality chitin and enables the recovery of a number of value-added by products. The process helps in overcoming the rate-limiting factor in the chitin industry that is the capacity of handling fresh prawn shell, which is in turn proportional to the deproteinization capacity, which is directly proportional to the capacity of handling protein solution.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1871/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : ANTAREEKSHA PUMP

(51) International classification	:F03B13/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B.M. RESEARCH LAB PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :12, KAMARAJ STREET,
(33) Name of priority country	:NA	MADIPAKKAM, CHENNAI - 600 091 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATHAN BABU BASKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The device is comprised of three vacuum cylinders designed accordingly with control valves at one end connected to a water resource (well or water body) through a cylindrical pipe. Due to variable pressure in the water resource and the vacuum cylinders the water is sucked out. In short, a pump works without an external energy resource to displace water using the phenomenon of Atmospheric Pressure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3145/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : ELECTRO ACOUSTIC TRANSDUCER ELEMENT MOUNTING ARRANGEMENT FOR TWO WHEELED VEHICLE

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI-600 006. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. ANUMALASETTY GURAVIAH
(87) International Publication No	: NA	2)MR. MUHAMMED ALTAF MAKANDAR
(61) Patent of Addition to Application Number	:NA	3)MR. BALAGURU SRIDHAR
Filing Date	:NA	4)MR. ARUL DASS PAUL CHRISTU DASS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the novel positioning of the electro acoustic transducer element in a two-wheeled vehicle as shown in the Figure 1. It particularly relates to the vertical positioning of the electro acoustic transducer elements B, on both sides (left and right) of the main pipe centre cover 15, so as to protect electro acoustic transducer elements from damage caused by direct contact with dust and water from surrounding environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3233/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :09/06/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : SILICON ALLOY AND ITS POWDER, PRODUCTION APPARATUS, PRODUCTION PROCESS, AND SINTER

(51) International classification	:C01B21/082
(31) Priority Document No	:2006-354835
(32) Priority Date	:28/12/2006
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2007/68594
Filing Date	:18/09/2007
(87) International Publication No	:WO 2008/081625
	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 :

1)ISMAN J CORPORATION

Address of Applicant :THINK MIRAIKOB0, 8 MINAMI-WATARIDA-CHO, 1-CHOME, KAWASAKI-KU, KAWASAKI-SHI, KANAGAWA 210-0855 Japan

(72)Name of Inventor :

1)WATANABE, TOSHIYUKI

2)MATSUSHITA, MASAFUMI

3)SAKURAI, TOSHITAKA

4)SATO, KAZUYA

5)MATSUSHITA, YOKO

(57) Abstract :

A controlled combustion synthesis apparatus comprises an ignition system, a pressure sensor for detecting internal pressure, a nitrogen supply, a gas pressure control valve for feeding nitrogen and exhausting reaction gas, means for detecting the internal temperature of the reaction container, a water cooled jacket, and a cooling plate. A temperature control system controls the temperature of the reaction container by controlling the flow of cooling water supplied to the jacket and the cooling plate in response to the detected temperature. By combustion synthesizing, while controlling the internal pressure and temperature, the apparatus can synthesize a silicon alloy including 30-70 wt. % silicon, 10-45 wt. % nitrogen, 1-40 wt. % aluminum, and 1-40 wt % oxygen.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3336/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND METHOD TO CONNECT A MICROPROCESSOR BASED MOBILE DEVICE TO AN PORTABLE DEVICE FOR PROCESSING THE APPLICATIONS USING THE EXTERNAL DEVICE'S PERIPHERALS

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANGO TECHNOLOGIES PVT LTD
(32) Priority Date	:NA	Address of Applicant :#7 AND #8, 27TH MAIN ROAD, HSR
(33) Name of priority country	:NA	LAYOUT SECTOR - 1, BANGALORE-560 102 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNIL MAHESHWARI
(87) 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 various embodiments of the present invention provide a system configured for processing data executable instructions using resources of a mobile device. The system comprises a mobile device and a portable device configured to receive data executable instructions from the mobile device. The portable device comprises a casing having a form factor compatible with a connection port to connect with the mobile device, a memory unit provided in the portable device to store data, a processor operatively coupled to the memory for executing data, an activation mechanism interface to access and execute the data executable instructions from the mobile device and an output interface to provide result data to the mobile device. The portable device executes data employing at least one mobile device resource thereby providing device compatibility between the portable device and the mobile device to execute the data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1230/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/04/2011

(43) Publication Date : 15/11/2013

(54) Title of the invention : SOLID FORMS OF ANTIRETROVIRAL COMPOUNDS, PROCESS FOR THE PREPARATION AND THEIR PHARMACEUTICAL COMPOSITION THEREOF

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAURUS LABS PVT LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD#7, BANJARA HILLS HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAVA SATYANARAYANA
(61) Patent of Addition to Application Number	:NA	2)GORANTLA SEETA RAMANJANEYULU
Filing Date	:NA	3)INDUKURI VENKATA SUNIL KUMAR
(62) Divisional to Application Number	:NA	4)MUPPIDI VAMSEE KRISHNA
Filing Date	:NA	

(57) Abstract :

The present invention provides solid forms of antiretroviral compounds, in particular combinations of antiretroviral compounds with anti-oxidative acids and a process for its preparation. The present invention also provides a pharmaceutical composition using the solid forms of antiretroviral compounds of the present invention.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED MECHANISED SUGARCANE BUD CHIPPER

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANDIARAJ SUBRAMANI
(32) Priority Date	:NA	Address of Applicant :6/4, ABIRAMI NAGAR,
(33) Name of priority country	:NA	BHARATHIYAR ROAD, GANAPATHY, COIMBATORE - 641
(86) International Application No	:NA	006 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANDIARAJ SUBRAMANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanized sugarcane bud chipper with prime mover connected to gearbox through two stage V-belt mechanism which drives a cam shaft arrangement in such a way that rotation of the cam shaft in the desired speed makes uniform up and down movement of the central arm. Spring suspended shafts are attached to both sides of middle part the central arm which is guiding in roller mechanism having adjustable stopper arrangement with position screw adjustment to have uniform rigidity. Stainless steel blade is fitted in both side mountings of central arm with a plastic guided bottom and base arrangement to hold the sugarcane during cutting and release of the cut bud through an inclined plane through the chute arrangement into the containers directly without any damage to the bud during transit. In a modification in the machine explained as above the semi circular stainless steel blade will be replaced by Plastic pusher and adjustable stopper, adjustable plastic guide and inclined round base are replaced with parallel blade assembly to get cylindrical buds.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/10/2010

(21) Application No.2957/CHE/2010 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : NOVEL POLYMORHIC FORM OF PITAVASTATIN CALCIUM

(51) International classification	:C07D215/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATRIX LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :1-1-151/1, IV FLOOR. SAIRAM
(33) Name of priority country	:NA	TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MADHURESH KUMAR SETHI
(61) Patent of Addition to Application Number	:NA	2)SANJAY MAHAJAN
Filing Date	:NA	3)BHAIKIAH MARA
(62) Divisional to Application Number	:NA	4)UPENDRANATH VEERA
Filing Date	:NA	5)RAMESH DANDALA

(57) Abstract :

The present invention provides novel polymorphic Form-M of Pitavastatin calcium and process for the preparation of same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3203/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :19/12/2008

(43) Publication Date : 15/11/2013

(54) Title of the invention : MULTI PORT SUSPENDED STRIP LINE PHASE SHIFTER

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :AT OUTER RING ROAD,
(33) Name of priority country	:NA	NAGAVARA, BANGALORE- 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR.MANGIPUDI RAMESH
(87) International Publication No	: NA	2)MR.PACKIARAJ DURAIRAJ
(61) Patent of Addition to Application Number	:NA	3)DR.AJITH TAVANAPPA KALGHATGI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a multi-port phase shifter used in the design of cellular base station antennas that have a variable tilt or those that are beam steerable. This invention claims the design of a phase shifting device designed in suspended strip line medium. Unlike previous disclosures discussed in prior art, this invention does not use any specially designed wipers (which may have matching sections for appropriate power divisions). The features unique to the present invention include the use of printed circuit boards, which eliminate the need for metallic phase shifters, a re-configurable device with respect to the number of ports and simple and intuitive signal launching and extracting methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3604/CHENP/2009 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : JET FUEL COMPOSITIONS AND METHODS OF MAKING AND USING SAME

(51) International classification	:C10L1/18
(31) Priority Document No	:60/860,853
(32) Priority Date	:21/11/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/24266
Filing Date	:20/11/2007
(87) International Publication No	:WO 2008/140492
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMYRIS BIOTECHNOLOGIES INC.,
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EMERYVILLE, CA 94608 U.S.A.
(72)**Name of Inventor :**
1)RENNINGER, NEIL, STEPHEN,
2)RYDER, JASON, A.,
3)FISHER, KARL.,J.,

(57) Abstract :

Provided herein are, among other things, jet fuel compositions and methods of making and using the same. In some embodiments, the fuel compositions comprise at least a fuel component readily and efficiently produced, at least in part, from a microorganism. In certain embodiments, the fuel compositions provided herein comprise a high concentration of at least a bioengineered fuel component. In further embodiments, the fuel compositions provided herein comprise a C10 bicyclic isoprenoid such as carane, pinane, sabinane or a combination thereof.

No. of Pages : 111 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :08/06/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD FOR MAKING GOODYEAR SHOE

(51) International classification

:A43B

(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)GOLDEN CHANG INDUSTRIAL CO; LTD

Address of Applicant :NO.15, WAN CHUAN ST; SAN
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(72)Name of Inventor :

1)SHU TZU HO

(57) Abstract :

A method for making a Goodyear shoe includes the steps of: stitching together a lower edge of an upper and a peripheral edge of an inner midsole so as to form a coupled section; placing a last into an assembly resulting from the previous step; 5 placing an outer welt on an outer surface of the upper at the coupled section and stitching the outer welt, the upper, and the inner midsole together; placing a filler on a bottom surface of the inner midsole; bonding a thin sole to a bottom portion of an assembly that results from the previous step and stitching the thin sole to the outer welt; and bonding an outsole and performing edge-abrading. The method prevents a 10 toe cap portion of the upper from tearing and creasing and dispenses with such steps as gripping the upper, driving wire nails, and trimming the lower edge of the upper.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3006/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : AUTOMATED CONTROL MEANS FOR HANK REELING MACHINE

(51) International classification	:D06B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S.S. KRISHNAKUMAR
(32) Priority Date	:NA	Address of Applicant :4/141, A2, KUIL THOPPU, SATTUR -
(33) Name of priority country	:NA	626 203 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S.S. KRISHNAKUMAR
(87) 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 automatic reeling of yarn into hanks and a control means for hank reeling, wherein the control means can be retrofitted onto existing reeling machines. The control means to allow length-setting of hanks for hank reeling machines comprising a user-interface; at least one sensor; at least one electronic controller and at least one actuator, wherein the required length of yarn in the hank is set through the user interface, wherein the sensor counts the number of rotations of the swift when yarn is reeled around it, wherein the electronic controller monitors the sensor-counted values to assess the length of the yarn reeled and compares against the total length to be reeled as set through the user interface, wherein the electronic controller signals the actuator when the required length is reeled, and wherein the actuator stops the reeling machine.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3008/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING DESVENLAFAXINE

(51) International classification :A61K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Dr.ReddyTMs Laboratories Limited

Address of Applicant :7-1-27 Ameerpet Hyderabad Andhra Pradesh India

2)Dr.ReddyTMs Laboratories Inc

(72)Name of Inventor :

1)Nagesh Nagaraju

2)Dhoke Vitthalrao Shrikant

3)Tripathi Shekhranand Sanjay

4)Radheshyam Kale

5)Harshal Prabhakar Bhagwatwar

6)Vobalaboina Venkateswarlu

7)Venkata Nookaraju Sreedharala

8)Debashis Dash

(57) Abstract :

Aspects of the present application relate to formulations comprising desvenlafaxine, and processes for preparing the formulations. In particular aspects, the present application relates to stabilized formulations comprising desvenlafaxine succinate, and processes for preparing the same. Aspects of the application further relate to therapeutic uses and methods of treatment employing formulations comprising desvenlafaxine.

No. of Pages : 54 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3968/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :29/07/2008

(43) Publication Date : 15/11/2013

(54) Title of the invention : MODULAR UNIT FOR APPLYING OPENING DEVICES TO PACKAGES OF POURABLE FOOD PRODUCTS

(51) International classification	:B65B61/18
(31) Priority Document No	:06101060.9
(32) Priority Date	:31/01/2006
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP06/70285
Filing Date	:29/12/2006
(87) International Publication No	:WO
	2007/087943
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TETRA LAVAL HOLDINGS & FINANCE SA
Address of Applicant :70, AVENUE GENERAL-GUISAN,
CH-1009 PULLY, Switzerland
(72)**Name of Inventor :**
1)SKARIN, LARS,
2)TABARTE, MAHMOD,
3)GUSTAFSSON, ANDERS,
4)MORSELLI, ALESSANDRO,

(57) Abstract :

A modular unit (1, 1) for applying opening devices (2, 2) to packages (3) of pourable food products. The unit (1, 1) has first conveying means (8, 8) for feeding the opening devices (2, 2) successively along a first path (P1, P1); second conveying means (9) for feeding the packages (3) successively along a second path (P2); transfer means (10) for transferring the opening devices (2, 2) along a third path (P3) from a pickup station (11) located along the first path (P1, P,1), to an application station (12) for applying the opening devices (2, 2) to respective packages (3) and located along the second path (P2); and processing means (41, 90) for performing specific operations on the opening devices (2, 2) prior to application of the opening devices (2, 2) to the respective packages (3). The transfer means (10) define a base module (M1) of the unit (1, 1), and the processing means include different types of processing devices (41, 90) forming part of different auxiliary modules (M2, M4) selectively connectable to the base module (M1) to define different units (1, 11) for applying the opening devices (2, 2) to respective packages (3).

No. of Pages : 33 No. of Claims : 19

(54) Title of the invention : A PRESS BRAKE APPARATUS WITH MULTIPLE CHAMBERS AND A METHOD FOR MANUFACTURING METAL PLATES WITH DESIRED BENDS AND SHAPES

(51) International classification	:B21D5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALASUBRAMANIAN KAMESWARAN
(32) Priority Date	:NA	Address of Applicant :15, MEDAVAKAM ROAD,
(33) Name of priority country	:NA	SHOLINGANALLUR, CHENNAI-600 119. Tamil Nadu India
(86) International Application No	:NA	2)ARVIND VENKATARAMAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALASUBRAMANIAN KAMESWARAN
(61) Patent of Addition to Application Number	:NA	2)ARVIND VENKATARAMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A press brake apparatus for manufacturing work piece with desired shapes is provided. The press brake apparatus comprising one or more rams each accommodated in respective chamber, the ram can be moved to and fro in its respective chamber. The press brake apparatus comprises one or more punches each attached to its respective ram. The press brake apparatus comprises one or more dies each placed in association with its respective punch and chamber, a work piece space located between the punch and die to place the work piece, wherein each ram along with its punch can be moved to and fro in its respective chamber independently from the other such that each ram along with its punch can exert pressure on the work piece with respect to its associated die independently from the other. A method of manufacturing work piece with desired shapes is provided. The method comprising the steps of: placing one or more work piece on a work piece space which are respectively associated with one or more punches and dies of respective chamber, measuring the dimension of the work piece placed on the work piece space with aid of a sensing means, transferring the measured dimension of the work piece to a main control unit, activating one or punches associated with the respective chamber based on the measured dimensions of the work piece and allowing the respective punch to exert desired pressure independently on the respective die through the work pieces such that the work piece attains desired bends and shapes independently and simultaneously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3226/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : MULTI-UTILITY BIOMASS APPARATUS

(51) International classification	:F23D14/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SYED ZAHED
(32) Priority Date	:NA	Address of Applicant :33-1-69, T.V.P. STREET. ONGOLE-
(33) Name of priority country	:NA	523 001. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SYED ZAHED
(87) 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 multi-utility biomass apparatus comprising (a) a novel means for providing air to the fuel burning container (b) a heat exchanger to manage excess heat generated (c) a flame regulating burner and (d) a stand to adapt vessels of plurality of diameters and a method of using the same for different functional requirements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3533/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :19/06/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : JET FUEL COMPOSITIONS AND METHODS OF MAKING AND USING SAME

(51) International classification	:C10L1/18
(31) Priority Document No	:60/860,853
(32) Priority Date	:21/11/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2007/024270
Filing Date	:20/11/2007
(87) International Publication No	:WO 2008/133658 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMYRIS BIOTECHNOLOGIES, INC
Address of Applicant :5980 HORTON STREET, SUITE 450,
EMERYVILLE, CA 94608 U.S.A.
(72)**Name of Inventor :**
1)RENNINGER, NEIL, STEPHEN
2)RYDER, JASON, A.,
3)FISHER, KARL, J

(57) Abstract :

Provided herein are, among other things, jet compositions and methods of making and using the same. In some embodiments, the fuel compositions comprise at least a fuel component readily and efficiently produced, at least in part, from a microorganism. In certain embodiments, the fuel compositions provided herein comprise a high concentration of at least a bioengineered fuel component. In further embodiments, the fuel compositions provided herein comprise limonane.

No. of Pages : 75 No. of Claims : 25

(54) Title of the invention : SMART ACTIVE TYRE PRESSURE OPTIMISING SYSTEM FOR VEHICLES THAT ACTS IN INEVITABLE CRITICAL SITUATIONS TO ENHANCE EMERGENCY BREAKING EFFICIENCY, MITIGATE-LOSS OF TRACTION ,STABILITY, ROLL OVER ,HYDROPLANING ,PUNCTURE ,OVER AND UNDER STEERING

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRASAD MUTHUKUMAR
(32) Priority Date	:NA	Address of Applicant :20/66, 2ND STREET,
(33) Name of priority country	:NA	DHARAMANAGAR, SURAMANGALAM, SALEM-5, TAMIL
(86) International Application No	:NA	NADU - 636 005 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRASAD MUTHUKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Smart Active Tyre Pressure Optimising System [TPOS] 102 is a highly time sensitive design and technique that sense and instantaneously controls the tire pressure particularly in imminent and inevitable critical driving situations to reduce emergency & high speed breaking distance, mitigate -loss of traction, hydroplaning, roll over or loss of stability, over & under steering, loss of control due to puncture by smartly sensing, performing context aware computing and directing the Tyre Pressure Control Units [TPCU] 104 to instantaneously control the tyre pressure in right time with right pressure on right tyres thereby actively controlling the footprint and sidewall deformation rate to enhance traction and stability ultimately to avoid or reduce the impact of collusion and overcome or mitigate critical situations for protecting the vehicles, occupants, pedestrians and other objects around or on the way; also according to design, configurations and scenarios the system instantaneously optimises the tyre pressure on all tyres for further safe driving till next restoration else restores the pressure to optimum preset value utilising inbuilt reservoir or other external restoration systems immediately after the vehicle overcomes the critical situation to continue with safe and comfortable driving. In critical situations TPOS performs sensing, pre computing, current computing for controlling the tire pressure during critical situation, post computing to optimise tire pressure after overcoming accordingly. TPOS 102 utilise smart and adaptive closed loop processing algorithm with predetermined and tested lookup table to instantaneously check and compare the effects between predetermined and tested real world scenarios and parameters to the actual real world scenarios for actively sensing, computing and controlling the tire pressure accordingly to mitigate the critical situations. The controlling of tyre pressure is computed mainly based on parameters comprising of sensor system, vehicle safety and stability systems, nature of breaking & break force, tires upper & lower cut-off [threshold] pressure values, sensing reservoirs and tires internal & external pressure, temperature, moisture, humidity, wheel & tire specifications, vehicle & wheel speed, acceleration & deceleration, vehicle orientation & axial rotation, transverse motion & lateral acceleration, tires position or angle of attack, load & torque distribution, tire traction, steering position, cornering effects, change in Centre of gravity, over & under steering, hydroplaning, sensing road conditions, etc and to further enhance the efficiency, the system interoperates with vehicles existing systems like ABS, EBD, ESC, TCS, Rollover mitigations systems, ECU, BA, Precrash systems, Suspension & vertical dynamics, radar assisted auto breaking, cruise control system, aerodynamics & airbrakes etc. Other aspects of present invention are controlling the tire temperature according to weather or environmental temperature, moisture and humidity thereby to enhance traction and vary tire pressure according to change in centre of gravity & load, driving modes - comfort, standard and sports modes.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1014/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :30/04/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING A BODY AREA NETWORK USING A COORDINATOR DEVICE

(51) International classification	:H04L9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Samsung India Software Operations Private Limited.
Address of Applicant :Bagmane Lakeview Block 'B' No.
66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
Bangalore - 560093 Karnataka India
(72)**Name of Inventor :**
1)Giriraj Goyal
2)Thenmozhi Arunan
3)Kiran Bynam
4)EUNTAE WON

(57) Abstract :

A method and system for managing a body area network using a coordinator device. The method includes acquiring a medical implant communication service (MICS) channel by an MICS transceiver in the coordinator device. The method also includes sending a signal, indicative of a wake-up process, in a non-MICS channel to an implant device and a command signal, indicative of joining a piconet, by the MICS transceiver to an implant device. Further, the method also includes receiving an acknowledgement signal by the MICS transceiver of the coordinator device based on the sending of the command signal to the implant device. The acknowledgement signal comprises a security control field. Furthermore, the method includes initiating security procedures based on the security control field. Further, the method also includes exchanging data between the coordinator device and the implant device based on the initiating and disassociating the implant device by sending a command message.

No. of Pages : 75 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2469/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD DEVICE AND COMPUTER-READABLE MEDIUM FOR CHANGING SIZE OF TOUCH PERMISSIBLE REGION OF TOUCH SCREEN

(51) International classification	:G06F3/00	(71) Name of Applicant :
(31) Priority Document No	:13/424,369	1)MEDIATEK INC.
(32) Priority Date	:19/03/2012	Address of Applicant :No. 1 Dusing Rd. 1st Science-Based
(33) Name of priority country	:U.S.A.	Industrial Park Hsin-Chu R.O.C. Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Tak-Man Ma
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An embodiment provides a method of controlling a touch screen. The touch screen displays an interactive frame within a touch permissible region. Under the method the touch screen can be switched from a normal state into a shrunk state. When the touch screen is in the shrunk state the touch permissible region is confined to a sub-region of the touch screen. In contrast when the touch screen is in the normal state the touch permissible region extends beyond the sub-region.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3192/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND DEVICE FOR VERIFICATION AND AUTHENTICATION OF BIOMETRIC AND OTHER PARAMETERS AND METHODS THEREFOR

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MERIT TRAC SERVICES PVT. LTD
(32) Priority Date	:NA	Address of Applicant :NO. 86, 2ND FLOOR, GANDHI
(33) Name of priority country	:NA	BAZAAR MAIN ROAD, BASAVANGUDI, BANGALORE -
(86) International Application No	:NA	560 004 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJIV MENON
(61) Patent of Addition to Application Number	:NA	2)MADAN PADAKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and apparatus for registration, identification, collation, verification, validation, tagging, tracking and authentication of entities including humans and inanimate objects by biometric among other means is disclosed. Still further, methods to augment biometric and such other identification, validation and authentication in real-time, by capture and analytics of their meta data by a portable handheld device are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3193/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : MODIFICATION FOR RAILCOACH LAVATORY DESIGN - LAVATORY RETAINER

(51) International classification	:B61D35/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)RAMU.C
(32) Priority Date	:NA	Address of Applicant :#493, NEAR MAHAVISHNU
(33) Name of priority country	:NA	KALYANA MANTAPA, PARANDAHALLI, (VIA)
(86) International Application No	:NA	ROBERTSON PET, KOLAR GOLD FIELDS, PIN : 563 122
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAMU.C
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This innovation relates to modification of lavatory in rail coaches to prevent spillage of fecal matter during stoppage of train in stations. This system can easily be retrofitted to the exiting lavatory drainage system with a very small modification in the existing system. This new system contains a small storage tank which stores fecal matter during stoppage of train and lets it out only after the train attains sufficiently high speed i.e., sufficiently away from the station. A provision is made to close the storage tank when the train is stationary (at station) and to open the tank only after train attains a pre-set speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5502/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :30/11/2007

(43) Publication Date : 15/11/2013

(54) Title of the invention : CALCULATING TRANSFORMATION PARAMETERS FOR IMAGE PROCESSING

(51) International classification :H04N7/26
(31) Priority Document No :05104670.4
(32) Priority Date :31/05/2005
(33) Name of priority country :EPO
(86) International Application No :PCT/IB06/51608
Filing Date :19/05/2006
(87) International Publication No :WO
2006/129224 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1, NL-5621
BA EINDHOVEN. Netherlands
(72)**Name of Inventor :**
1)LEE, WEI, P

(57) Abstract :

The invention relates to a method for obtaining transformation parameters. A camera motion can be modeled by providing a vector field of motion vectors describing estimated motion vectors, projecting the vector field on at least one axis, and deriving the transformation vector parameters from the projection of the vector fields. As the camera motion can be modeled by way of translation, scale and rotation, the projections of the vector field on the axis can be used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.158/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :10/01/2011

(43) Publication Date : 15/11/2013

(54) Title of the invention : HEAT TRANSFER TUBE FOR HEAT EXCHANGER, HEAT EXCHANGER, REFRIGERATING CYCLE APPARATUS, AND AIR CONDITIONER

(51) International classification	:F28F1/40
(31) Priority Document No	:2008-205073
(32) Priority Date	:08/08/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/063859
Filing Date	:05/08/2009
(87) International Publication No	:WO 2010/016516
	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)MITSUBISHI ELECTRIC CORPORATION
Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO 100-8310 Japan
(72)**Name of Inventor :**
1)LEE, SANGMU
2)ISHIBASHI, AKIRA
3)MATSUDA, TAKUYA

(57) Abstract :

To obtain a heat transfer tube for a heat exchanger or the like which can obtain predetermined heat transfer performance without increasing in-tube pressure loss. High ridges 22A having 10 to 20 rows with a predetermined height and low ridges 22B with a height lower than the high ridges 22A having 2 to 6 rows between the high ridges 22A and the high ridges 22A are provided on an inner face helically with respect to a tube axial direction.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3096/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : PSYCHOMETRIC ANALYSIS BASED ON TRIDOSHA AND TRIGUNA

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Shilpa Datar
(32) Priority Date	:NA	Address of Applicant :Sai Krupa 19/1 Bellary Road
(33) Name of priority country	:NA	Sadashiva Nagar Bangalore-560080 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Shilpa Datar
(87) International Publication No	: NA	2)Prof. C. G. Venkatesha Murthy
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Psychometric analysis based on Tridosha and Triguna. This invention relates to analyzing personality of people, and more particularly to performing psychometric analysis of people. A system and method for performing psychometric analysis of an individual by using Tridosha along with Triguna has been disclosed. Traits and descriptions of Tridosha and Triguna are depended upon to perform the analysis and traits depicting panchamahabhutas are also used for performing the psychometric analysis. Tests are constructed that consider the physical-physiological and the psychological aspects of the user while assessing the user. The methodology of assessing people and personality considers the physical-physiological aspect along with the psychological aspects giving a holistic picture of a person including his spiritual aspect.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2010

(21) Application No.3099/CHE/2010 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR RACEMIZATION OF (R)-CLOPIDOGREL

(51) International classification	:C07D495/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMBATI V RAGHAVA REDDY
(87) International Publication No	: NA	2)GARAGA SRINIVAS
(61) Patent of Addition to Application Number	:NA	3)KANKANALA SHANTHAN KUMAR
Filing Date	:NA	4)KOILPILLAI JOSEPH PRABAHAR
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present application provides an improved process for racemization of enriched R-(-)-Clopidogrel of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2089/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : SURROUNDING CELL MONITORING METHOD

(51) International classification	:H04W24/00
(31) Priority Document No	:13/279,702
(32) Priority Date	:24/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDIATEK Inc.

Address of Applicant :No. 1 Dusing Rd. 1st Science-Based
Industrial Park Hsin-Chu 300 Taiwan R.O.C.

(72)Name of Inventor :

1)Jui-Ping Lien

2)Hung-Yueh Chen

3)Meng-Lin Wu

4)Chun-Sheng Lee

(57) Abstract :

A surrounding cell monitoring method is applied in a mobile terminal wirelessly communicating with a first cell through a first target channel. The surrounding cell monitoring method includes the steps of: determining whether adjacent channel interference (ACI) of the target channel exists; determining whether a first power level of the adjacent channel is greater than a second power level of the target channel by a threshold difference when the ACI exists when the ACI does exist; determining whether an adjacent BSIC of the adjacent channel can be decoded when the first power level is greater than the second power level by the threshold difference; and skipping an operation of decoding a target BSIC of the target channel when the adjacent BSIC of the adjacent channel can be decoded successfully.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2969/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A HERBAL FORMULATION FOR TREATMENT OF OBESITY AND HYPERLIPIDEMIA AND PROCESS FOR MAKING THE SAME

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bal Pharma Limited
(32) Priority Date	:NA	Address of Applicant :21 & 22 Bommasandra Industrial Area
(33) Name of priority country	:NA	Hosur Road Bengaluru 560099 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr. G.S.R Subba Rao
(87) International Publication No	: NA	2)Dr. Arun Kumar .A.G
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal formulation including the extracts of Pterocarpus, green coffee bean and Caralluma; their uses for controlling body weight and serum lipid levels; and the process for preparing the same. The herbal formulation may also contain extracts from additional herbs to enhance the activity of the formulation. The herbal formulation is useful for obesity and hyperlipidemia, more particularly for the reduction in the levels of total cholesterol, triglycerides, LDL cholesterol and VLDL cholesterol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3133/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : MULTI-PURPOSE TOOL WITH INTEGRATED ADAPTERS, POSITION RETAINERS AND LOCKING SYSTEM

(51) International classification	:B25F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ZEN TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :B-42, INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	SANATHNAGAR, HYDERABAD -500 018. Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KISHORE DUTT ATLURI
(61) Patent of Addition to Application Number	:NA	2)RAJEEV SHARMA
Filing Date	:NA	3)GULLAPALI VINAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-purpose tool with integrated adapters, position-retainers, locking system and a mechanism to open, close and hold a tool like nose pliers at a desired position are disclosed. The multi-purpose tool comprises a plurality of paired body parts, at least one cylindrical piece, a plurality of washers, at least one sliding piece, at least one compression spring, at least one tool adapter, a plurality of balls and at least one locking device. The at least one tool adapter enables a detachable attachment of various types of tools, manually or with a factory-setting to the multi-purpose tool assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2973/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : LUBRICATION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F01M11/00
(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)TVS MOTOR COMPANY LIMITED
Address of Applicant :JAYALAKSHMI ESTATES, No.29,
(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
Nadu India
(72)**Name of Inventor :**
1)RAJARAJAN KESAVELU
2)PHANEESH KUMARASWAMY
3)PATTABIRAMAN VENUGOPALAN

(57) Abstract :

A lubrication system for an internal combustion system provided with a clutch system 402 having clutch housing 405 and clutch plates, fuel injection pump rotating parts, and a slinger plate arrangement 401 such that the slinger plate arrangement 401 is fastened externally to said clutch housing 405.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3137/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

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

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOTA VENKATA RANGAIAH
(87) International Publication No	: NA	2)MEENAKSHISUNDERAM SIVAKUMARAN
(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 oral solid dosage forms of antiviral agent. More particularly, the present invention relates to oral dosage forms of entecavir prepared by wet granulation process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3138/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : ORAL SOLID DOSAGE FORMS OF ENTECAVIR

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEENAKSHISUNDERAM SIVAKUMARAN
(87) International Publication No	: NA	2)MEENAKSHISUNDERAM SIVAKUMARAN
(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 oral solid dosage forms of antiviral agent. More particularly, the present invention relates to oral solid dosage forms of entecavir prepared by dry granulation process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8297/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :20/12/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD FOR CONSTRUCTING CO-ROTAITNG CONTIGUOUS BODIES AND COMPUTER PROGRAM PRODUCT FOR CARRYING OUT SAID METHOD AND SCREW ELEMENTS PRODUCED ACCORDINGLY

(51) International classification	:B29C47/40
(31) Priority Document No	:10 2008 029 304.0
(32) Priority Date	:20/06/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/003549
Filing Date	:19/05/2009
(87) International Publication No	:WO 2009/152910
	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 :**
1)BAYER TECHNOLOGY SERVICES GMBH
Address of Applicant :51368 LEVERKUSEN Germany
(72)**Name of Inventor :**
1)MICHAEL BIERDEL
2)THOMAS KONIG
3)ULRICH LIESENFELDER

(57) Abstract :

The present invention relates to a method of generating tightly intermeshing, self-cleaning, co-rotating screw profiles, the use of the screw profiles in screw and transition elements, novel screw profiles which have been generated by the method and a computer program product for executing the method in a computer system.

No. of Pages : 125 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3082/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR DELIVERING HAPTIC FORCE FEEDBACK WITH CABLE AND MOVING CAPSTAN DRIVE MECHANISM

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMRITA VISWAVIDYAPEETHAM CHANCELLOR,
(32) Priority Date	:NA	DR.P.VENKAT RANGAN
(33) Name of priority country	:NA	Address of Applicant :AMRITAPURI, CLAPPANA
(86) International Application No	:NA	P.O.KOLLAM - 690 525 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHANMUGAM MURUGAPPAN
(61) Patent of Addition to Application Number	:NA	2)AKSHAY NAGARAJAN
Filing Date	:NA	3)BHAVANI BIJLANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a system and method for delivering a haptic force feedback during a vocational tool operation. According to an embodiment, the system comprises a moving capstan drive mechanism connected to a holder and a motor. A sensor detects the rotation speed of a motor. A control circuit is connected to the sensor and to an information processor loaded with virtual reality environment software to provide a feedback force to the user, when the holder is displaced. The linear displacement of the holder is converted into a rotational movement of motor. The sensor outputs a signal based on the rotational speed of the motor to the control circuit to provide a haptic feedback force to a user and to provide a display, when the holder is displaced linearly by the user.

No. of Pages : 67 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1818/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR ACCOMPLISHING BUSINESS APPLICATION PROCESSES THROUGH A MESSAGING SERVICE

(51) International classification	:G06Q 50/00	(71)Name of Applicant : 1)INFORYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(32) Priority Date	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATRICK JAYASEELAN
(87) International Publication No	: NA	2)MANISH SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for accomplishing a business application process of a business application through a standard messaging platform are disclosed. A user sends a request message having a subject field through a standard messaging platform. If the subject field includes at least one command pattern corresponding to a predetermined action for the business application, command action logic corresponding to the at least one command pattern is invoked. Information and potential user actions resulting from the business service function are identified and returned to the user in a response message. In response to the user taking action on the response message, an action message having a subject line corresponding to the action taken by the user on the response message is generated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1819/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING EMTRICITABINE

(51) International classification	:C07F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VELLANKI, SIVA RAMA PRASAD
(61) Patent of Addition to Application Number	:NA	2)ARABINDA, SAHU
Filing Date	:NA	3)SHIMPI, NITIN
(62) Divisional to Application Number	:NA	4)PONNURU, ANIL KUMAR
Filing Date	:NA	5)KOTHARI, SATISH BABU

(57) Abstract :

The present invention relates to process for the preparation of Emtricitabine by reducing compound of formula II, protecting the -OH group with silyl group, deprotecting the silyl group and isolating Emtricitabine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2994/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A PROCESS OF MANUFACTURING HIGH QUALITY MULTI WALLED CARBON NANOTUBE (MWCNT)

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Naga Prasad
(32) Priority Date	:NA	Address of Applicant :#190 2nd Floor 9th Cross HMT
(33) Name of priority country	:NA	Layout RT Nagar Bangalore - 560032 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Naga Prasad
(87) 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 generally to carbon nanotube particulates and more particularly to a process for manufacturing multiwalled carbon nanoparticulates and the apparatus therefor. The apparatus is an especially designed CVD [chemical vapor deposition] metallic reactor of Muffle furnace aiming a batch process for making MWCNT nanoparticulates.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2010

(21) Application No.2996/CHE/2010 A

(43) Publication Date : 15/11/2013

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

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHIMPI SHAMKANT LAXMAN
(87) International Publication No	: NA	2)MUCHIVOLU SUDARSHAN REDDY
(61) Patent of Addition to Application Number	:NA	3)DEO KISHOR DATTATRAY
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to oral dosage forms of HIV-1 protease inhibitor. More particularly, the present invention relates to oral dosage forms of atazanavir prepared by wet granulation process using non-aqueous solvent or mixture of aqueous and non-aqueous solvent for granulation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3076/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : STABILIZED PHARMACEUTICAL COMPOSITION OF ESOMEPRAZOLE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KULKARNI RAGHAVENDRA
(87) International Publication No	: NA	2)BOYAPATI ISALAH
(61) Patent of Addition to Application Number	:NA	3)KANDI CHANDRASHEKHAR
Filing Date	:NA	4)DATTATRAY KISHOR DEO
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to stable pharmaceutical composition comprising esomeprazole or pharmaceutically acceptable salts thereof. More particularly, the present invention relates to stable pharmaceutical composition comprising esomeprazole magnesium dihydrate. The present invention further relates to a process for the preparation of stable pharmaceutical composition comprising esomeprazole magnesium dihydrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3162/CHE/2010 A

(43) Publication Date : 15/11/2013

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

(51) International classification	:C07D477/00
(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)AUROBINDO PHARMA LTD

Address of Applicant :AUROBINDO PHARMA LTD PLOT
NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038
Andhra Pradesh India

(72)Name of Inventor :

1)NAGARI MADUGU MAHESH

2)KONDURU RAJASEKHARA RAJU

3)KURIMSETTY SIVAKUMAR

4)BUDIDET SHANKAR REDDY

5)AMINUL ISLAM

6)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to an improved process for preparing crystalline Imipenem monohydrate of Formula I containing Bis-Thienamycin formamidine impurity (Dimer-I) of Formula VIII and Imipenem thienamycin formamidine impurity (Dimer-II) of Formula IX, each less than 0.2%.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1915/CHE/2012 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : A MULTI-NUTRIENT FORMULATION AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:A23K1/00
(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)CENTRAL SERICULTURAL RESEARCH &
TRAINING INSTITUTE, CENTRAL SILK BOARD,
(MINISTRY OF TEXTILES, GOVT. OF INDIA)**

Address of Applicant :MANANDAVADI ROAD,
SRIRAMPURA, MYSORE - 570 008 Karnataka India

(72)Name of Inventor :

**1)MUNITHIRUMALAPPA SABITHA GOPALAPPA
2)REDDY MOKKALA MUNIRATHNAM
3)VARADARAJAN MALA
4)CHOWDARY NARISSETTY BALAJI
5)QADRI SYED MASHAYAK HUSSAINI**

(57) Abstract :

The present disclosure relates to a product of multi-nutrient formulation, process for preparing and method for its application. The multi nutrient formulation of the present disclosure improves levels of proteins, total sugars and total chlorophyll values in mulberry leaf and thereby improving the quality of mulberry leaf.

No. of Pages : 21 No. of Claims : 7

(54) Title of the invention : FORMULATIONS COMPRISING CYCLIC COMPOUNDS

(51) International classification	:A61K47/22, A61K31/365
(31) Priority Document No	:06020286.8
(32) Priority Date	:27/09/2006
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2007/008442
Filing Date	:27/09/2007
(87) International Publication No	:WO 2008/037484 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOTTI PAOLOAddress of Applicant :5 CHEMIN DE LA PLACE VERTE
CH-1234 VESSY Switzerland

(72)Name of Inventor :

1)BOTTI PAOLO

(57) Abstract :

This invention relates to the use of a cyclic compound of formula (I) $[-(-A X-)n-(-B Y-)m-]_p$ wherein A, B independently in each occurrence is alkane-*i*-*j*-diyl having *k* carbon atoms, *i* and *j* independently being less than or equal *k* and *k* being selected from 1 to 10, wherein said alkane-*i*-*j*-diyl (i) may comprise one or more double bonds; (ii) is optionally substituted; and/or (iii) comprises a cycle, wherein the total number of cycles being cyclic sugars in said compound is selected from 0 to 4 and is less than $p-(n+m)$; X, Y independently in each occurrence is a biocompatible functional group comprising at least one oxygen atom or two sulphur atoms; *n*, *m* independently of each other are selected from 0 to 20; *p* is selected from 1 to 10; $n+m$ is equal or greater than 1; and $p-(n+m)$ is selected from 3 to 30; wherein said compound is capable of forming a complex with a protonated primary and/or protonated secondary amino group and/or a protonated guanidinium group for the manufacture of a pharmaceutical or diagnostic composition further comprising a pharmaceutically or diagnostically active agent, said active agent comprising one or more protonated primary and/or protonated secondary amino groups and/or a protonated guanidinium groups, wherein (a) transmembrane and/or transmucosal delivery; (b) solubility in non-aqueous solvents; and/or (c) stability of said active agent are improved.

No. of Pages : 87 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1849/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : BRAND TONEZ

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. NARAYANAN
(32) Priority Date	:NA	Address of Applicant :VAS COMTECH LIMITED, STATUS
(33) Name of priority country	:NA	QUO, 4TH FLOOR, NO.38, STERLING ROAD,
(86) International Application No	:NA	NUNGAMBAKKAM, CHENNAI - 600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S. NARAYANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention focuses to promote the brands through advertisements on the mobile phones by using a campaign management server. The campaign management server will decide particular jingle need to be played according to various parameters like frequency, time and geography. As per the requirement of the brands their products/services would be promoted through Brand Tonez.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3184/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : LED ASSEMBLY WITH METAL PLATES AS CONNECTORS THAT FUNCTIONS AS A HEAT SINK

(51) International classification	:F21V	(71)Name of Applicant :
(31) Priority Document No	:NA	1)POSEIDON LIGHTING PVT LTD
(32) Priority Date	:NA	Address of Applicant :F 91-92, SIPCOT INDUSTRIAL
(33) Name of priority country	:NA	COMPLEX, GUMMIDIPOONDI-601201. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENUGOPAL RAMAKRISHNAN
(87) 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 lighting system, more particularly, to a series of light emitting diodes (LEDs) arranged in a linear pattern to form an LED assembly, wherein a metal plate acts as the connector between the LEDs and also functions as a heat sink, thereby eliminating the soldering process. Further the heat sink has been incorporated as a part of the series connector. This helps to eliminate the heat sink on the final light module thereby overcoming the problem of heat dissipation and thermal management efficiently.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1784/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A PROCESS FOR SINTERING USING STEEL MAKING SLAG AS HEARTH LAYER IN SINTER PLANT FOR INSULATION

(51) International classification

:C22B

(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)JSW STEEL LIMITED

Address of Applicant :SALEM WORKS, POTTANERI P.O.,
MECHERI, METTUR TALUK, SALEM DISTRICT-636453
Tamil Nadu India

(72)Name of Inventor :

1)SATHAYE, JAYANT MORESHWAR

2)DEVAKUMAR, JAYAPAL

3)JAMBUKESWARAN, VELUSAMY

4)VIHAYARAJ, SIVASUBRAMANIAN

**5)NAGASHANMUGAM, KRISHNACHETTY
BOMMANNAN**

(57) Abstract :

A process of enhancing sinter productivity by using steel making slag as insulation in hearth layer in sinter plant is disclosed. More particularly, the present invention is directed to a process for sintering whereby sinter output and productivity of sinter plant is enhanced by introducing steel making slag in the size range of 12-20mm substituting part of conventional good quality sinter products 10-20mm size for providing the hearth layer of desired thickness over the pallet as insulation layer to protect grate bars of pallet boxes and resultantly increase the sinter output by about 1.75% over conventional process of sinter making. Importantly, the process favour gainful recycling of steel slag mitigating disposal problem, while recovering valuable iron content of steel slag and also ensuring longer pallet life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3966/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :29/07/2008

(43) Publication Date : 15/11/2013

(54) Title of the invention : COATING COMPOSITION FOR MARKING SUBSTRATES

(51) International classification	:B41M5/30
(31) Priority Document No	:06101082.3
(32) Priority Date	:31/01/2006
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP07/50421
Filing Date	:17/01/2007
(87) International Publication No	:WO 2007/088104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIBA HOLDING INC.

Address of Applicant :KLYBECKSTRASSE 141, CH-4057
BASEL Switzerland

(72)Name of Inventor :

1)O'DONOGHUE, KAREN,

2)CAMPBELL, JONATHAN,

3)STREET, IAN,

(57) Abstract :

Composition, which comprises a latent activator and a colour former, a process for the preparation of these compositions, substrates coated with these compositions and a process for their preparation, a process for preparing marked substrates using these compositions and marked substrates obtainable by the latter process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4440/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/11/2013

(54) Title of the invention : WARP PRINTING PROCESS

(51) International classification	:D02H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PARRY MURRAY & CO. LTD
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, SIMPSON HOUSE, 6
(33) Name of priority country	:NA	CHERRY ORCHARD ROAD, CROYDON, CRO 6BA U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AJIT KUMAR
(87) 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 warp printing process comprises of setting bobbins of dyed yarn on a warping creel, winding on warping beam while passing through a reed, weaving into a net fabric preparing a paste for the desired colours with pigment dyes, testing colour paste for correct colour mix, spreading net fabric on printing table, printing design on film paper, exposing the film under UV, spreading screen (1) on mesh fabric to set a frame, printing each colour with screen (1), applying colour paste evenly on the screen, removing and placing the screen on next position, repeating the same process for additional colours, drying the printed fabric, rolling printed net fabric (2) on temporary beam and transferring to the main warp beam (3) tightly, loading the main warp beam (3) on a hand loom and making the warp in weaving position and cutting loose weft threads (4) from the net warp (5) while weaving is in progress.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A DISTRIBUTED VIRTUAL STORAGE CLOUD ARCHITECTURE AND A METHOD THEREOF

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Peter Chacko
(32) Priority Date	:NA	Address of Applicant :B6/1001 L & T South City Arekere
(33) Name of priority country	:NA	Mico Layout Bangalore 560076 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Peter Chacko
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a distributed information storage system which functions as a hypervisor to cloud storage. The disclosure discloses transparently solving all the data management related security, virtualization, reliability and enables transparent cloud storage migration, cloud storage virtualization and integration across disparate cloud storage or on-premise storage. The cloud storage is owned or hosted by same or different third-party providers who own the information contained in the storage which eliminates cloud dependencies. This present disclosure functions as a distributed cloud storage delivery platform enabling various functionalities like cloud based storage journaling, auditing, global load balancing, security orchestration, storage brokering etc.

No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3087/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF RENIN INHIBITORS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAYLON LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 034 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMA, SHANKAR
(61) Patent of Addition to Application Number	:NA	2)VADALI, LAKSHMANA RAO
Filing Date	:NA	3)PALLA, VIJAY KUMAR REDDY
(62) Divisional to Application Number	:NA	4)DANDALA, RAMESH
Filing Date	:NA	

(57) Abstract :

The present invention provides novel process for the preparation of renin inhibitor Aliskiren or its derivatives, and its pharmaceutically acceptable salts. The present invention also provides novel intermediates used in the preparation of Aliskiren.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2010

(21) Application No.3174/CHE/2010 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF ERYTHRINA TRYPSIN INHIBITOR AND USES THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAVIOUR THERAPEUTICS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 45, SNEHA NAGAR,
(33) Name of priority country	:NA	STREET NO. 8 HABSIGUDA, HYDERABAD 500 007 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KANDUKURI, SHIVANANDAMURTY
(61) Patent of Addition to Application Number	:NA	2)KANDUKURI, RAJASEKHARSARMA
Filing Date	:NA	3)MADIRAJU, MALINI
(62) Divisional to Application Number	:NA	4)MADIRAJU, V.V.S. MURTY
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for production of recombinant Erythrina trypsin inhibitor (ETI) protein. The process leads to high level production of recombinant ETI protein in host cells. Moreover, the recombinant proteins produced are of relatively high purity. The present invention further relates to a process for purifying a serine protease from a sample using recombinant Erythrina trypsin inhibitor (ETI) protein.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3001/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : RUBBER LATEX COAGULATION TANK WITH HORIZONTAL PARTITIONS

(51) International classification	:C08C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAMAKALAYIL MATHEW JOSEPH
(32) Priority Date	:NA	Address of Applicant :CHAMAKALAYIL HOUSE,
(33) Name of priority country	:NA	KADAPATTOOR P.O. PALA, KOTTAYAM (DST), KERALA -
(86) International Application No	:NA	686 574. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAMAKALAYIL MATHEW JOSEPH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device useful for the preparation of rubber sheets from field latex is disclosed. The devise is a rectangular tank with removable partition plates. Each plate has a cross shaped ridge on one side, dividing the plate into four equal quarters. After filling the tank with desired quantity of rubber latex, water and diluted acid; the partition plates are gently pressed down one after another so as to rest each plate on the cross ridge of the plate below. Four coagula are formed in the space between two plates. A tank with 15 such partition plates can be used conveniently to prepare 60 sheets in a batch.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3417/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

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

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAGABELLI MURALI
(87) International Publication No	: NA	2)UTTAM KUMAR RAY
(61) Patent of Addition to Application Number	:NA	3)AMINUL ISLAM
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for preparing Aliskiren or its pharmaceutically acceptable salts of Formula I,

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8350/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : OXAZOLIDINONE DERIVATIVE HAVING FUSED RING

(51) International classification :A61K31/437
(31) Priority Document No :2008-164255
(32) Priority Date :24/06/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP09/061360
Filing Date :23/06/2009
(87) International Publication No :WO 2009/157423
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)RESEARCH FOUNDATION ITSUU LABORATORY
Address of Applicant :28-10, TAMAGAWA 2-CHOME,
SETAGAYA-KU, TOKYO 158-0094 Japan
(72)Name of Inventor :
1)KATO, ISSEI
2)AOKI, TOSHIKI
3)SUZUKI, HIDEYUKI
4)UTSUNOMIYA, IWAO
5)KURODA, NORIKAZU
6)IWAKI, TSUTOMU

(57) Abstract :

The present invention provides a novel antimicrobial drug comprising an oxazolidinone derivative of the formula (I); or a pharmaceutically acceptable salt or solvate thereof; wherein ring A is ring B is a benzene ring optionally substituted with lower alkyl; ring C is an optionally substituted six-membered heterocycle containing at least one nitrogen atom and one to three double bond(s) in the ring wherein the atom at the point of attachment to ring B is a carbon atom; ring D is an optionally substituted five-membered ring containing one or two double bond(s) in the ring; A1 and A2 are independently nitrogen or carbon; m is 0 or 1; R represents H, -NHC(=O)RA, -NHC(=S)RA, -NH-het1, -O-het1, -S-het1, -S(=O)-het1, -S(=O)₂-het1, het2, -CONHRA, -OH, lower alkyl, lower alkoxy or lower alkenyl; and het1 and het2 are independently a heterocyclic group; with the proviso that the fused ring C-D is not

No. of Pages : 228 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2008

(21) Application No.2869/CHE/2008 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SELECTING APPAREL IN A MOBILE COMMUNICATION DEVICE

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block 'B' No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C.V. Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NISHANT SHEKHAR
(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 selecting apparel using a mobile communication device includes receiving body measurements and generating boundaries and subset boundaries based on body measurements. Further, the method includes capturing an image of a body based on the generated boundaries, measuring distance between the body and the mobile communication device and generating a profile based on the body measurements, the image of the body and the generated boundaries and subset boundaries. The method includes, selecting a generated profile and apparel and loading the corresponding subset boundary and, capturing the image of the apparel within the subset boundary and measuring distance between the apparel and the mobile communication device. The method includes altering dimensions of the image of the apparel based on the distance and merging the profile with the image of the apparel thereby providing a prompt to the user for optimizing the fitness of the apparel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.486/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : VACCINE COMBINATIONS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT BIOTECH INTERNATIONAL LIMITED
(32) Priority Date	:NA	Address of Applicant :Genome Valley Turkapally
(33) Name of priority country	:NA	Shameerpet Hyderabad Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Krishna Murthy Ella
(87) International Publication No	: NA	2)Sumathy Kandaswamy
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Vaccine combinations which comprise atleast two or more of the following antigens: DTap-HEV-HepB-HPV suitable for administration in humans. A number of variations in the combination of these antigens have been disclosed that is suitable for concomitant administration. The methods of preparing the vaccine combinations are disclosed. Nucleic acids encoding the antigens, as well as methods for their production and use are provided.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :23/04/2009

(43) Publication Date : 15/11/2013

(54) Title of the invention : RESOURCE ALLOCATION IN WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04W72/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE - 560012,
(33) Name of priority country	:NA	KARNATAKA India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHALABH BHATNAGAR
(87) 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 :

Embodiment of the disclosure set forth resource allocation in a wireless network. Some example methods include selecting a node based on probability of having available data at the node, sending an inquiry to the node, deriving a first set of average cost estimates based on a first step-size function, network information measured at the node, and a predetermined value, calculating a second set of threshold values based on a second step-size function and the first set of average cost estimates, updating the second set of values to generate a third set of threshold values based on the predetermined value, and allocating resources for the node based on the third set of threshold values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1877/CHE/2012 A

(43) Publication Date : 15/11/2013

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

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SIVA RAMA PRASAD, VELLENKI
(61) Patent of Addition to Application Number	:NA	2)MADHU MURTHY, NADELLA
Filing Date	:NA	3)RAJENDAR REDDY, MULAMALLA
(62) Divisional to Application Number	:NA	4)RAVINDRA, PULYALA
Filing Date	:NA	

(57) Abstract :

The present invention relates to improved process for the preparation of Vardenafil hydrochloride. Wherein 2-[2-ethoxy-phenyl]-5-methyl-7-propyl-3H-imidazo [5, 1-f] [1, 2, 4] triazin-4-one of formula IV is reacted with chlorosulfonic acid and a chlorinating agent to get compound of formula III, which is reacted with N-ethylpiperazine to give vardenafil free base of formula II, then converted to hydrochloride salt reacting with aqueous hydrochloric acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3205/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A DEVICE WHICH REDUCES THE CONSUMPTION OF LPG AND ALSO REDUCES THE DURATION OF COOKING

(51) International classification	:A47J27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LPG EQUIPMENT RESEARCH CENTRE
(32) Priority Date	:NA	Address of Applicant :OPP. ITI MAIN GATE, P.B. NO. 1618,
(33) Name of priority country	:NA	DOOROVANINAGAR, BANGALORE-560 016. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)G.P. GUPTA
(87) International Publication No	: NA	2)MEENAM M. VERMA
(61) Patent of Addition to Application Number	:NA	3)R.K. PALHAN
Filing Date	:NA	4)HARISH KUMAR
(62) Divisional to Application Number	:NA	5)AMRIK SINGH
Filing Date	:NA	6)S.P. GOEL

(57) Abstract :

A device (1) which reduces consumption of LPG and also reduces the duration of cooking comprising; plurality of vessels having a inner vessel (2) and an outer vessel (3) creating an annular space (4) between them wherein the outer vessel (3) rests on the lip of inner vessel (2); where the outer vessel (3) provided with plurality of small holes (10) on the outer periphery wall (3) for exit of flue gas; when the outer vessel (3) is provided with plurality of handles (7) on the diametrically opposite side for easy handling; Characterized in that the device when placed on a cooking platform top (9) equipped with Pan support (8) over a LPG burner allows the flue gas (5) for entering the annular space (4) from the bottom side of inner vessel (2) for traveling through the annular space (4) for transferring the heat to the cooking material (6) placed inside the inner vessel when the holes are disposed in the outer shell (3) for allowing the flue gas leaving the annular space (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4594/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

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

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SEQUENT SCIENTIFIC LIMITED

Address of Applicant :STAR-II, OPP. TO INDIAN
INSTITUTE OF MANAGEMENT, BANNERGHATTA ROAD,
BANGALORE - 560 076 Karnataka India

(72)Name of Inventor :

1)VENKATRAMANA, SUMANGALA

2)KAYARMAR, RESHMA

3)MADATHIL, VIJESH ALANTHATTA

4)PATGAR, PRASAD NARASIMHA

5)VASUDEVA, PEJAKALA KAKRANNAYA

6)ARULMOLI, THANGAVEL

(57) Abstract :

The present invention discloses a novel, facile and cost-effective process for the preparation of an antihypertensive agent labetalol hydrochloride of formula I which comprises condensing 1-methyl-3-phenyl propylamine with 5-bromo acetyl salicylamide in presence of solvent and hydrochloric acid to obtain 2-hydroxy-5-(2-(4-phenylbutan-2-ylamino)acetyl)benzamide hydrochloride; and reducing 2-hydroxy-5-(2-(4-phenylbutan-2-ylamino)acetyl) benzamide hydrochloride using a transition metal catalyst and hydrogen in presence of solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1815/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING SYMPTOMS AND DETERMINING AN OPTIMAL REMEDY PATTERN FOR A FAULTY DEVICE

(51) International classification	:G06F11/00	(71)Name of Applicant : 1)INFORYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(32) Priority Date	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOPICHAND AGNIHOTRAM
(87) International Publication No	: NA	2)RADHA KRISHNA PISIPATI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Computer-implemented systems, methods, and computer-readable media electronic for detecting symptoms and determining an optimal remedy pattern for one or more faulty components of a device is disclosed. First the symptoms of the faulty device are detected and associated faulty components of the device are identified. Different tests are performed to confirm the status of the faulty components. Based on the historical data, cost information and remedy cost function an optimal remedy pattern is determined.

No. of Pages : 53 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1816/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR AUTOMATIC EXECUTION OF SCRIPTS ON REMOTE AGENT-LESS CLIENT MACHINES

(51) International classification	:G06Q 50/00	(71)Name of Applicant : 1)INFORYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(32) Priority Date	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAHUL M JOSHI
(87) International Publication No	: NA	2)MANASA JUVVADI
(61) Patent of Addition to Application Number	:NA	3)GOPI KRISHNA C
Filing Date	:NA	4)RADHEYSHYAM
(62) Divisional to Application Number	:NA	5)REKHA CHINTHAKUNTA
Filing Date	:NA	6)MADHAVI RANI

(57) Abstract :

The present invention provides a system to automatically schedule at least one workflow and deploy at least one executable across one or more target remote agent-less client machines via a secured connection. In accordance with an embodiment, the system includes a workflow generator and a script runner. The workflow generator is configured to receive at least one script that has to be executed across one or more target remote agent-less client machine and parameters as input from user, generate at least one optimized decision support workflow based on the input parameters from the user, and map the generated at least one optimized decision support workflow to one or more target remote agent-less client machine. The script runner retrieves the at least one optimized decision support workflow that is mapped with one or more target remote agent-less client machine and executes the at least one script in one or more target remote agent-less client machine.

No. of Pages : 18 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR NON-PRODUCTION ENVIRONMENT MANAGEMENT

(51) International classification	:G06Q 10/00	(71) Name of Applicant : 1)INFORYS LIMITED Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PARVEEN KUMAR SHARMA
(87) International Publication No	: NA	2)SOUMITRO MUKHERJEE
(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 system and method for management of test or non-production environment. The method comprises planning the non-production environment design, wherein planning is based on plurality of inputs. The planning stage is preceded by engagement wherein engagement with functional groups takes place. The planned non-production environment design is analyzed based upon the requirements wherein analysis consists of reviewing plurality of non-production environment designs. This stage is followed by creation of non-production environment wherein non-production environment is built on analyzed design. After this stage the non-production environment is deployed. After deployment there is provision for on -going supports to test services via established Information Technology service management processes. Non-production environment services manage the on-going booking and allocation of the non-production environment through various in-house and third party tools. The non-production environment services constantly assess the non-production environment so that the non-production environment can be re-used wherever possible.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3035/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : AN USB BASED ECG MONITORING DEVICE

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Infotech Enterprises Ltd.
(32) Priority Date	:NA	Address of Applicant :11 Infocity Layout Madhapur
(33) Name of priority country	:NA	Hyderabad 500081 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vimal Kumar Puthiyadath
(87) International Publication No	: NA	2)Dhoresh Adabala
(61) Patent of Addition to Application Number	:NA	3)Arjunarao Dondapati
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an USB based ECG monitoring device (USB-ECG) for monitoring of ECG and Heart Rate of a patient. The USB-ECG monitoring device comprises a signal processing unit, a micro-controller (MCU), an USB Module, and a wireless transceiving unit. The signal processing unit receives a plurality of signals, which are sensed by a plurality of sensors (electrodes) and are processed to display ECG and Heart Rate of a patient on an external unit or remote unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3209/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND METHOD TO REDUCE POWER CONSUMPTION OF INDUCTION MOTOR

(51) International classification	:H02P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SWAMINATHAN RAVI ANANDAN ASHWIN RAVI
(32) Priority Date	:NA	ANANDAN AKASH RAVI ANANDAN
(33) Name of priority country	:NA	Address of Applicant :#61 N Beerappa Road ITC 3rd Cross
(86) International Application No	:NA	R S Palya Kammanahalli Main Road Bangalore 560033
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SWAMINATHAN RAVI ANANDAN
Filing Date	:NA	2)ASHWIN RAVI ANANDAN
(62) Divisional to Application Number	:NA	3)AKASH RAVI ANANDAN
Filing Date	:NA	

(57) Abstract :

Induction motor used as the primary drive suffers from heavy power consumption, since these motors consume a lot of time and energy to go from a state of zero rpm to its peak. Hence, it became necessary to keep the system powered on during the entire operation. A major component of the energy used to power up the induction motor remains in the system. The energy is in the form of momentum of the fly wheel of the system which is already set in motion. In certain applications the load itself can be made to act as a fly wheel and this becomes a source of energy. The present disclosure exploits the stored energy to save power in applications involving intermittent usage of power especially when the driving wheel is forced to remain powered during the entire operating cycle of the system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2009

(21) Application No.914/CHE/2009 A

(43) Publication Date : 15/11/2013

(54) Title of the invention : BENDING MACHINE

(51) International classification	:B21D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHOCKALINGOM NAINAR
(32) Priority Date	:NA	Address of Applicant :69, PARVATHA SINGHA RAJA
(33) Name of priority country	:NA	STREET, TIRUNELVELI TOWN-627006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHOCKALINGOM NAINAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is to provide a simple, yet cheaper bending machine useful to the fabrication industries, particularly to the steel grill fabrication industries, fancy furniture making industries to bend and produce the sharp, curved, curled or spiral or polygonal bending of end shapes of the stock like ductile metal flat, square, round bars etc. And the prototype and commercial model of the machine produced functions satisfactorily. This machine employs the swivel method of gripping which is very simple yet more effective way of gripping and winding the stock on the formers. The present invention cuts the time of forming the end product and thereby reduce the cost and also improves the quality of product. This simple low cost machine is very useful to the steel fabricators to enhance their profit. This method of bending on this machine outdates all other existing manual bending as a semi skilled worker can operate this machine very easily and effectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.532/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : A METHOD AND A DEVICE FOR MONITORING A CONDITION OF A FETUS

(51) International classification

:a61b

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333

MÜNCHEN GERMANY

(72)Name of Inventor :

1)ARCHANA KALYANSUNDAR

2)KIRAN NAGARAJ

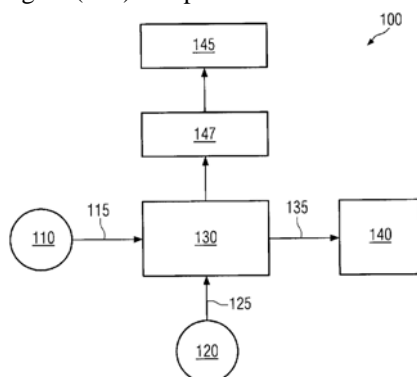
3)THIYAGARAJAN SUBRAMANI

4)BALAJI TEEGALA

5)RAMASUBRAMANIAN VISWANATHAN

(57) Abstract :

A method and a device for monitoring a condition of a fetus The present relates to a method and a device for monitoring a condition of a fetus, wherein the device comprises a processor (130) configured to receive a fetal heart signal (115) associated with a heartbeat of the fetus and a contraction signal (125) associated with a contraction of a uterine, determine a heart rate of the fetus indicated by the fetal heart signal (115) and the contraction of the uterine using the contraction signal (125), compare the heart rate of the fetus with a threshold heart rate to determine if the heart rate of the fetus is abnormal, selectively generate an alarm signal (135) responsive to the heart rate of the fetus being abnormal and the contraction of the uterine, and an output means (140) configured to receive the alarm signal (135) and provide an alarm indicating abnormality responsive to the alarm signal (135).



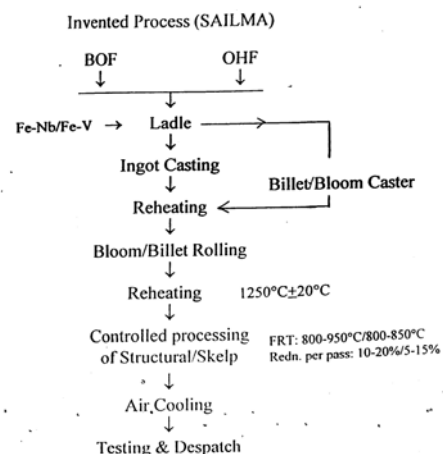
No. of Pages : 29 No. of Claims : 17

(54) Title of the invention : A PROCESS TO MANUFACTURE WELDABLE QUALITY STRUCTURAL STEEL FOR CHANNEL, ANGLE AND SKELP

(51) International classification	:C21D6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-
(86) International Application No	:NA	834002,BIHAR,INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANIGRAHI BIMAL KUMAR
(61) Patent of Addition to Application Number	:NA	2)MISHRA KUNJ BIHARI
Filing Date	:NA	3)SEN SANKAR
(62) Divisional to Application Number	:NA	4)MUKHERJEE DEBASIS
Filing Date	:NA	5)VAIDHNATHA RAMASWAMY

(57) Abstract :

A process for producing high strength low-alloy structural steel characterized by high strength to weight ratio, superior notch toughness and wettability. The process achieves such characteristic features of high strength low alloy structural steel by lowering carbon content, microalloying with niobium and vanadium singly or combinedly and controlled processing in the mill. The precipitates of micro alloying elements refine the ferrite grain size due to inhibition of austenite grain growth and also cause precipitation strengthening of ferrite matrix. Also in the above process by selecting an appropriate alloy chemistry and controlled processing in the mill, high yield strength coupled with superior notch toughness are obtained.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.534/KOL/2012 A

(43) Publication Date : 15/11/2013

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

(51) International classification	:C21C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3,UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-0011 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHINGO OKAMOTO
(87) International Publication No	: NA	2)TORU INOUE
(61) Patent of Addition to Application Number	:NA	3)NORICHIKA ARAMAKI
Filing Date	:NA	4)MASANORI NISHIKORI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To prevent the flowout of slag to a tundish from a ladle by sufficiently solidifying slag in a ladle, and to further enhance cleanliness of molten steel compared to the prior art thus producing a slab excellent in cleanliness with trace amounts of inclusions even under high-speed casting. [Means for Resolution] Molten steel is tapped into a ladle from a converter in a nondeoxidized state. After tapping the molten steel, metal Al or Al dross is added to slag in the ladle and thereafter MgO source containing hydroxide and carbonate is added to the slag thus reducing easily-reductive oxides in the slag and adjusting concentration of MgO in the slag to 6 to 15 mass%. Subsequently, in a vacuum degassing device, carbon in the molten steel and dissolved oxygen in the molten steel are made to react with each other thus decreasing dissolved oxygen concentration to 0.050 mass% or less. After the dissolved oxygen concentration in the molten steel becomes 0.050 mass% or less, the molten steel is deoxidized with metal Al. Mn is not added to the molten steel in a nondeoxidized state, and when the adjustment of an Mn concentration in the molten steel is necessary, the Mn adjustment is performed by adding Mn concentration containing metal to the molten steel after the deoxidization of molten, steel by the metal Al. Thereafter, the molten steel is casted by the continuous casting machine so as to produce a slab.

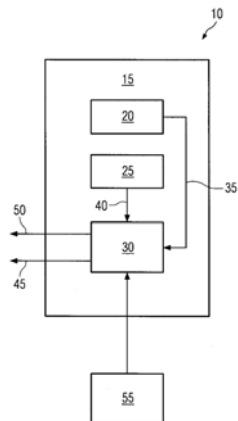
No. of Pages : 39 No. of Claims : 4

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

(43) Publication Date : 15/11/2013

(51) International classification	:G01H	(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)HARSHIT TIWARI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

The invention relates to a method and a system (10) for predicting jointly an expected workload (45) and an expected temperature (50) of a processing element (15) while executing a process, wherein the method comprises monitoring an actual workload (35) and an actual temperature (40) of the processing element (15) at a first time instance, and predicting the expected workload (45) for a second time instance as a first function of at least the actual workload (35) at the first time instance and the expected temperature (50) for the second time instance as a second function of the actual workload (35) and the actual temperature (40) at the first time instance.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : HIGH YIELD RATIO TYPE HIGH STRENGTH STEEL SHEET,HIGH YIELD RATIO TYPE HIGH STRENGTH COLD-ROLLED STEELSHEET,HIGH YIELD RATIO TYPE HIGH STRENGTH GALVANIZED STEEL SHEET,HIGH YIELD RATIO TYPE HIGH STRENGTH HOT-DIP GALVANIZED STEEL SHEET,HIGH YIELD RATIO TYPE HIGH STRENGTH HOT-DIP GALVANNEALED STEEL SHEET,METHOD FOR MANUFACTURING HIGH YIELD RATIO TYPE HIGH STRENGTH COLD-ROLLED STEEL SHEET,METHOD FOR MANUFACTURING HIGH YIELD RATIO TYPE HIGH STRENGTH HOT-DIP GALVANIZED STEEL SHEET, AND METHOD FOR MANUFACTURING HIGH YIELD RATIO TYPE HIGH STRENGTH HOT-DIP; GALVANNEALED STEEL SHEET.

(51) International classification

:b22d

(31) Priority Document No

:2012-

109901

(32) Priority Date

:11/05/2012

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

1)YOSHIYASU KAWASAKI

2)HIROSHI HASEGAWA

3)SHINJIRO KANEKO

4)YASUNOBU NAGATAKI

(57) Abstract :

A high yield ratio type high strength steel sheet contains as component composition, by % by mass, 0.03% to 0.20% C, 1.0% or less Si, more than 1.5% to 3.0% Mn, 0.10% or less P, 0.05% or less S, 0.10% or less Al, 0.010% or less N, one or more kinds of elements selected from among Ti, Nb, and V whose total content is in the range from 0.010% to 1.000%, and the balance Fe with inevitable impurities, and a structure containing ferrite and a second phase as a microstructure. The ferrite has an area ratio of 50% or more and an average crystal grain size of 18 μ m or less. The second phase contains martensite whose area ratio is in the range from 1% to less than 7%. The thickness of a band-like structure formed by the second phase satisfies a predetermined relational expression.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.523/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

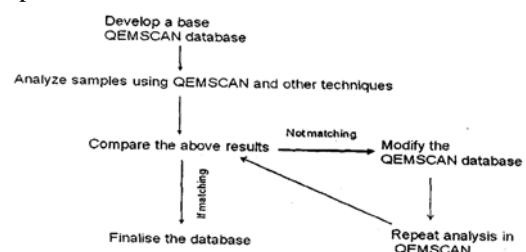
(43) Publication Date : 15/11/2013

(54) Title of the invention : AN IMPROVED AUTOMATED MINERALOGY SYSTEM TO ANALYSE SINTER PHASES

(51) International classification	:G01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. TAMAL KANTI GHOSH
(61) Patent of Addition to Application Number	:NA	2)MS. MONI SINHA
Filing Date	:NA	3)VIKRAM SHARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relate to an improved automated mineralogy system operating under QEMSEM technology to identify and analysis sinter phases of calcium ferrite, iron oxide, Al oxide, Al-Fe silicate, Al-Fe oxide, Fe-Mg oxide, Fe-Mg silicate, Ca-Mg silicate, and Ca-Mg-Fe silicate the system comprising a scanning electron microscope (SEM) a back scattered electron detector (BSE); and an energy dispersive spectrometer (EDS), the improvement is a species identification protocol (SIP) tool is provided to the system comprising a base SIP configured on top followed by a primary SIP, and a secondary SIP, the primary SIP is enabled to store data on chemical composition and phase density, the secondary SIP interacting with the system, and the base SIP having BSE value, and EDS spectrum.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 15/11/2013

(54) Title of the invention : INVENTION OF NOVEL SEMI SYNTHETIC DERIVATIVES FROM PITCII (THIOPHEN DERIVATIVE) ISOLATED FROM TISSUE CULTURED MEDICINAL PLANT PLUCHEA INDICA (L.) LESS

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. TAPAN KUMAR CHATTERJEE
(32) Priority Date	:NA	Address of Applicant :DEPT. OF PHARM. TECH.
(33) Name of priority country	:NA	JADAVPUR UNIVERSITY, KOLKATA-700032 West Bengal
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. TAPAN KUMAR CHATTERJEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The naturally occurring molecule PITC-II of Pluchea indica showed impressive bio activity. Research indicates lipophilic characteristic may improve bio activity. We designed and synthesize few derivatives(Acetyl and Benzyl semi-synthetic compounds) from PITC II and found effective against malarial parasites. Both the compounds are more potent and safe than the parent compound PITC II.

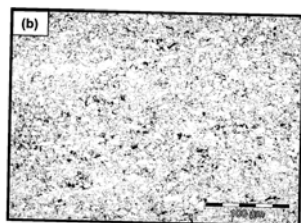
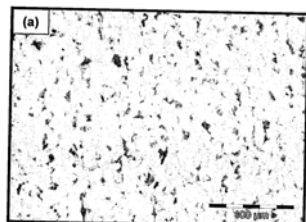
No. of Pages : 12 No. of Claims : 6

(54) Title of the invention : ALLOY STEEL COMPOSITION RESISTANT TO HIC AND SSC IN SOUR GAS MEDIA AND PROCESS FOR ITS PRODUCTION.

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(86) International Application No	:NA	STATE OF JHARKHAND India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANDURANGAN SARAVANAN
(61) Patent of Addition to Application Number	:NA	2)SRIKANTI SRIKANTH
Filing Date	:NA	3)KILARU RAVI
(62) Divisional to Application Number	:NA	4)GOVINDASWAMY NAGESWARA RAO
Filing Date	:NA	5)CHINNASWAMY MUTHUSWAMY

(57) Abstract :

A high strength alloy steel with superior resistance to HIC and SSC and a method of producing such steel is disclosed. More particularly, the present invention provides for selectively copper alloyed high strength alloy steel composition with higher HIC and SSC resistance in sour gas media, adapted to avoid diffusion of hydrogen, which occurs through autocatalytic regeneration of hydrogen ions from the adsorption film formed on the steel surface and change the film characteristics to resist HIC and SSC failure when exposed to sour gas environment. Importantly, the 0.26% Cu added alloy steel composition resulted in CSR, CTR & CLR of 0.2%, 0.7% and 2.0% respectively which are substantially lower than the acceptable limit for Type I class material as per BS EN-10028-3:2009 for sour gas application confirming HIC inhibition and resistance to SSC also by achieving threshold stress (Oth) for failure in the range of 62-64% of yield stress.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.536/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 15/11/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR DETERMINING A REFACTPROMG A[[RPACJ TP E;O,OMATE
A CPDE-CLONE INSTANCE WITHIN A PIECE OF CODE

(51) International classification	:G06F	(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)SHRINATH GUPTA
(87) International Publication No	: NA	2)TUSHAR SHARMA
(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 a method for determining a refactoring approach to eliminate a code-clone instance within a piece of code A system (1) for determining a refactoring approach (2) to eliminate a code-clone instance (3) within a piece of code (4) includes a inference engine (5) for receiving a meta information (6) about the code-clone instance (3) and a set of inferring rule (7) from a user interface (8), processing the meta information (6) about the code-clone instance (3) using the set of inferring rules (7), and determining the refactoring approach (2) to eliminate the code-clone instance (3), such that the meta information (6) is related to a context of the code-clone instance (3) with respect to the piece of code (4) and the set of inferring rules (4) are defined by interrelation between the meta information (6) and types of refactoring approaches (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

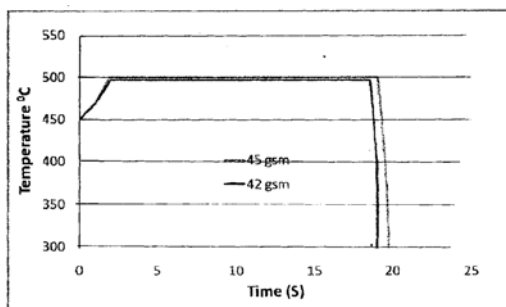
(43) Publication Date : 15/11/2013

(54) Title of the invention : A PROCESS FOR PRODUCTION OF RIGHT ZN-FE BINARY COATING ON STEEL SUBSTRATE WITH IMPROVED PROPERTIES BY A COMBINATION OF HOT DIP GALVANIZING & SUBSEQUENT ANNEALING PROCESS UNDER VARIED PROCESS CONDITIONS

(51) International classification	:C23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001,Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. MANINDRA MANNA
(61) Patent of Addition to Application Number	:NA	2)DR. MONOJIT DUTTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a process of hot dip zinc coating in molten Zn-Al bath followed by annealing cycle to get improved powdering performances of galvanized steel sheet. The bath consists of less Al (0.1-0.128wt%) compared to existing practice of higher Al and the developed annealing cycle consist of lower GA power and higher line speed. The galvanized product obtained under modified process condition contains less iron compared to the earlier galvanized material. The tendency to powdering is decreased from 10 mg/m² to 4 mg/m² under the modified process conditions.



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

**PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS**

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	IN/PCT/2002/1392/KOL	206725	ENRON WIND ENERGY SYSTEMS CORPORATION	AN AIR FOIL CROSS - SECTION ON A BLADE FOR A POWER WIND TURBINE	09/10/2009	Kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	190610	1720/DEL/1994	30/12/1994		A PROCESS FOR THE MANUFACTURE OF BRICKS USING WASTE MATERIALS LIKE FLY ASH AND BOTTOM ASH OF COAL/LIGNITE FIRED FLUIDISED BED COMBUSTION BOILERS.	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	15/03/2004	DELHI
2	257827	729/DELNP/2006	07/01/2005	09/01/2004	IN-PLANE SWITCHING LIQUID CRYSTAL DISPLAY WITH NEGATIVE BIAxIAL RETARDATION FILM AND (+) C-PLATE	LG CHEM, LTD.	17/08/2007	DELHI
3	257830	5744/DELNP/2006	08/03/2005	11/03/2004	A SHAVING CARTRIDGE FOR CONNECTION TO A HANDLE	THE GILLETTE COMPANY	27/04/2007	DELHI
4	257831	4128/DELNP/2006	27/01/2005	05/02/2004	A SUCROSE SYNTHASE FOR THE PRODUCTION OF TRANSGENIC PLANTS	UNIVERSIDAD PUBLICA DE NAVARRA, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	17/08/2007	DELHI
5	257832	3220/DELNP/2007	20/10/2005	20/10/2004	APPARATUS ,SYSTEM AND METHOD FOR MULTIPLE FREQUENCY BAND OPERATION IN WIRELESS NETWORKS	QUALCOMM INCORPORATED,	31/08/2007	DELHI
6	257834	898/DELNP/2007	14/07/2005	21/07/2004	A METHOD OF MANAGING AN ASSIGNMENT OF A RESOURCE ASSIGNED FOR TRANSMITTING DATA IN COMMUNICATION SYSTEM AND AN APPARATUS THEREOF	QUALCOMM INCORPORATED	03/08/2007	DELHI
7	257835	2031/DELNP/2007	16/09/2004	16/09/2004	METHOD FOR DEWATERING WATER-CONTAINING COMBUSTIBLE SOLD	KATAYAMA YUKUO,K.E.M. CORPORATION	17/08/2007	DELHI
8	257836	3193/DELNP/2004	22/04/2003	22/04/2002	APPLICATION SHARING SECURITY	MICROSOFT CORPORATION	09/10/2009	DELHI
9	257837	945/DELNP/2007	11/08/2005	11/08/2004	A SUBSTRATE COMPOSITION AND PROCESS OF PREPATATION THEREOF	THE PROCTER & GAMBLE COMPANY	03/08/2007	DELHI

10	257840	5934/DELNP/2005	23/07/2004	24/07/2003	A COMPOSITION FOR INCREASING THE EFFICIENCY OF THERAPEUTIC ANTIBODIES USING NK CELL POTENTIATING COMPOUNDS	INNATE PHARMA S.A,UNIVERSITA DEGLI STUDI DI PERUGIA	02/10/2009	DELHI
11	257845	735/DEL/2007	30/03/2007		A PROCESS FOR PREPARATION OF CARBON NANO TUBE(S) COATED CUTTING TOOL(S)	INDIAN INSTITUTE OF TECHNOLOGY	16/01/2009	DELHI
12	257846	4470/DELNP/2007	14/12/2005	20/12/2004	A PROCESS FOR PRODUCING CARBOXYLIC ACID HAVING A CARBON NUMBER OF N+1	DAICEL CHEMICAL INDUSTRIES, LTD	31/08/2007	DELHI
13	257847	2828/DELNP/2007	11/10/2005	13/10/2004	MUTANT EXPANDASES	DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V.	03/08/2007	DELHI
14	257848	2411/DEL/2006	06/11/2006		A METHOD FOR MAKING A RECOMBINANT PROTEIN	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	16/05/2008	DELHI
15	257849	8006/DELNP/2007	16/05/2006	24/05/2005	A BIOLOGICAL INDICATOR DEVICE FOR MONITORING THE EFFECTIVENESS OF A STERILIZATION PROCESS	AMERICAN STERILIZER COMPANY	04/07/2008	DELHI
16	257852	2456/DEL/2005	12/09/2005	23/09/2004	A COMPUTER SYSTEM FOR DISPLAYING A WEB PAGE	RESEARCH IN MOTION LIMITED	31/07/2009	DELHI
17	257854	370/DELNP/2004	18/07/2002	18/07/2001	APPARATUS FOR INPUTTING ALPHABET CHARACTERS	KIM MIN KYUM	18/12/2009	DELHI
18	257855	6774/DELNP/2006	24/05/2005	07/06/2004	A DEVICE USED FOR DIAGNOSING AND MONITORING INTRAPULMONARY GRAM NEGATIVE BACTERIAL INFECTION	THE CHARLOTTE-MECKLENBURG HOSPITAL AUTHORITY	31/08/2007	DELHI
19	257857	7286/DELNP/2006	16/06/2005	29/06/2004	ACTIVE SUBSTANCE CONTAINING SOLID SHAPED BODIES FOR EXTERNAL USE AGAINST PARASITES IN ANIMALS	BAYER ANIMAL HEALTH GmbH	27/04/2007	DELHI
20	257859	5562/DELNP/2006	07/03/2005	25/03/2004	A PROCESSING METHOD OF PROCESSING A GLASS BASE MATERIAL FOR AN OPTICAL FIBER	SHIN-ETSU CHEMICAL CO. LTD	24/08/2007	DELHI
21	257862	9286/DELNP/2008	14/05/2007	18/05/2006	A METHOD FOR PRODUCING A GUAVA LEAF EXTRACT POWDER	KABUSHIKI KAISHA YAKULT HONSHA	27/03/2009	DELHI

22	257866	690/DELNP/2004	30/10/2002	31/10/2001	SELECTIVE SUSPENSION OF BUS DEVICES	MICROSOFT CORPORATION	30/10/2009	DELHI
23	257868	4315/DELNP/2007	06/12/2005	21/12/2004	SELECTING A ROUTING MODE FOR A CALL SESSION	CISCO TECHNOLOGY, INC.	31/08/2007	DELHI
24	257869	1649/DELNP/2004	16/12/2002	21/12/2001	A SYNCHRONIZED CONTROLLED OSCILLATION MODULATOR	BANG & OLUFSEN ICEPOWER A/S	17/08/2007	DELHI
25	257872	IN/PCT/2002/00186/ DEL	19/09/2000	20/09/1999	PERMANENT MAGNET ROTOR PORTION FOR ELECTRIC MACHINES	ECOAIR CORP.	20/03/2009	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	257833	249/MUMNP/2007	01/06/2005	20/07/2004	SYSTEM AND METHOD FOR MONITORING DRIVING	DRIVE DIAGNOSTICS LTD	13/07/2007	MUMBAI
2	257851	465/MUM/2007	12/03/2007		PROCESS TO PREPARE COFFEE SEEDS FROM THE COFFEE BERRIES	VISHNUKUMAR MAHADEO KULKARNI	28/11/2008	MUMBAI
3	257853	881/MUMNP/2007	22/10/2005	01/12/2004	AN OPERATING SECTION OF A BOBBIN WINDING MACHINE	SAURER GMBH & CO.KG.	17/08/2007	MUMBAI
4	257863	196/MUMNP/2008	01/11/2006	24/11/2005	A MULTI - COMPARTMENTAL GABION	HESCO BASTION LIMITED	29/02/2008	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257826	475/CHE/2008	26/02/2008 17:38:01	27/02/2007	METHOD FOR MANAGING THE WHEEL STEERING CONTROL OF AN AIRCRAFT	MESSIER-BUGATTI-DOWTY	11/09/2009	CHENNAI
2	257828	1739/CHENP/2007	25/10/2005	28/10/2004	RESTORATION OF BLACK TO COLOR BLEED PERFORMANCE OF AMPHOTERIC PIGMENT DISPERSION BASED INKS OF LOW PIGMENT LOADS	HEWLETT-PACKARD DEVELOPMENT COMPANY L P	31/08/2007	CHENNAI
3	257839	321/CHENP/2007	16/06/2005	25/06/2004	A SEMI CRYSTALLINE RANDOM POLYMER OF PROPYLENE AND ALPHA-OLEFINS AND PIPE SYSTEM THEREOF	BASELL POLIOLEFINE ITALIA S.R.L.	24/08/2007	CHENNAI
4	257841	4596/CHENP/2006	13/06/2005	16/06/2004	EFFICIENT EXTRACTION OF XML CONTENT STORED IN A DATABASE	ORACLE INTERNATIONAL CORPORATION	29/06/2007	CHENNAI
5	257850	1504/CHE/2005	19/10/2005		CARBAZOLE DERIVATIVES AS FUNCTIONAL 5-HT ₆ LIGANDS	SUVEN LIFE SCIENCES LIMITED	28/09/2007	CHENNAI
6	257856	3006/CHENP/2008	11/12/2006	16/12/2005	ORGANO MODIFIED SILICA BASED MATERIAL AND PROCESS OF PREPARATION THEREOF	AKZO NOBEL N.V.	06/03/2009	CHENNAI
7	257864	783/CHENP/2008	18/08/2006	18/08/2005	METHOD FOR ESTABLISHING A PEER TO PEER CONNECTION	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	09/01/2009	CHENNAI
8	257865	3720/CHENP/2006	24/03/2005	08/04/2004	SIGNAL COLUMN	SCHNEIDER ELECTRIC INDUSTRIES SAS	15/06/2007	CHENNAI
9	257867	325/CHE/2004	08/04/2004		A SYSTEM AND A METHOD FOR THE SURVIVABILITY OF INTRUSION DETECTION ENTITIES	CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (CDAC)	13/01/2006	CHENNAI
10	257873	3221/CHENP/2004	22/07/2003	29/07/2002	PLASMA-NITRIDING OF MARGING STEEL, SHAVER CAP FOR AN ELCETRIC SHAVER, CUTTING DEVICE MADE OUT OF SUCH STEEL AND AN ELECTRIC SHAVER	KONINKLIJKE PHILIPS ELECTRONICS N.V	03/03/2006	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257829	3090/KOLNP/2006	08/03/2006	14/03/2005	UNIT, IMAGE FORMING APPARATUS, AND METHOD OF MANUFACTURING UNIT FRAME.	RICOH COMPANY LIMITED	08/06/2007	KOLKATA
2	257838	2263/KOLNP/2009	10/01/2008	11/01/2007	PROCESS FOR PRODUCING ISOCYANATES	ASAHI KASEI CHEMICALS CORPORATION	03/07/2009	KOLKATA
3	257842	2425/KOLNP/2006	21/01/2005	20/02/2004	A CASTING MOLD FOR AN ENGINE BLOCK	GM GLOBAL TECHNOLOGY OPERATIONS, INC	25/05/2007	KOLKATA
4	257843	3430/KOLNP/2006	24/05/2005	24/05/2004	MANIFOLD FOR A MULTICYLINDER INTERNAL COMBUSTION ENGINE.	FAURECIA EMISSIONS CONTROL TECHNOLOGIES, USA, LLC,	15/06/2007	KOLKATA
5	257844	1066/KOL/2007	31/07/2007		AN IMPROVED SINGLE/TANDEM WIRE SUBMERGED ARC WELDING MACHINE FOR BUTT JOINT AND HARDFACING IN GROOVES WITH WIDTH OF DIFFERENT SIZES AND A HIGH DILLUTION PROCESS	BHARAT HEAVY ELECTRICALS LIMITED	03/04/2009	KOLKATA
6	257858	221/KOLNP/2008	07/07/2006	29/07/2005	ELECTRIC MOTOR HAVING A CO-AXIALLY ARRANGED PUMP FOR A COOLANT CIRCUIT	KSB AKTIENGESELLSCHAFT	19/09/2008	KOLKATA
7	257860	271/KOL/2007	22/02/2007		AN IMPROVED HIGHER CAPACITY INDUCTION MOTOR WITH HIGH STARTING TORQUE FOR ELECTRIC LOCOMOTIVES, HAULING FREIGHT AT HIGH GRADIENT LOCATIONS	BHARAT HEAVY ELECTRICALS LIMITED	05/09/2008	KOLKATA
8	257861	834/KOLNP/2008	30/08/2006	12/09/2005	A SYSTEM WITH A TACHOGRAPH AND A DATA STORE FOR DATA INTERCHANGE BETWEEN THE TACHOGRAPH AND THE DATA STORE	CONTINENTAL AUTOMOTIVE GMBH	21/11/2008	KOLKATA

9	257870	3005/KOLNP/2006	14/04/2005	16/04/2004	AN APPARATUS AND A METHOD FOR RECONSTRUCTING A MULTI-CHANNEL SIGNAL USING AT LEAST ONE BASE CHANNEL AND A PARAMETRIC REPRESENTATION	DOLBY INTERNATIONAL AB	08/06/2007	KOLKATA
10	257871	575/KOL/2006	09/06/2006		DEVICE FOR AUTOMATICALLY STOP AND START THE VIBRATION AND WATER SPRINKLING ACTION IN A COMPACTOR	ESCORTS CONSTRUCTION EQUIPMENT LIMITED.	10/04/2009	KOLKATA

CONTINUED TO PART- 2