

বাংলাদেশ



গেজেট



কর্তৃপক্ষ কর্তৃক প্রকাশিত

বৃহস্পতিবার, আগস্ট ১৯, ২০২১

৪র্থ খণ্ড

প্রথম খণ্ডে অন্তর্ভুক্ত প্রজ্ঞাপনসমূহ ব্যতীত পেটেন্ট অফিস কর্তৃক জারীকৃত প্রজ্ঞাপনসমূহ

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পেটেন্ট, ডিজাইন ও ট্রেডমার্কস অধিদপ্তর
শিল্প মন্ত্রণালয়

গৃহীত পেটেন্ট দরখাস্ত

Accepted Patent Applications

এতদ্বারা জানানো যাইতেছে যে, নিম্নে বাম পাশে উল্লিখিত যে কোনো পেটেন্ট আবেদনপত্র সম্পর্কীয় উদ্ভাবনের জন্য পেটেন্ট মঞ্জুরির বিরুদ্ধে যে সকল ব্যক্তি বিরোধিতা করিতে ইচ্ছুক তাঁহারা এই গেজেট প্রকাশের তারিখ হইতে চার মাস সময়সীমার মধ্যে যে কোনো সময় পেটেন্ট, ডিজাইন ও ট্রেডমার্কস অধিদপ্তর, (পেটেন্ট ও ডিজাইন উইং), শিল্প মন্ত্রণালয় (৬ষ্ঠ তলা), ৯১, মতিঝিল বা/এ, ঢাকা-১০০০, বাংলাদেশ এই ঠিকানায় ১৯৩৩ ইং সনের পেটেন্ট ও ডিজাইন বিধিমালা-১৯৩৩ অনুযায়ী ৬ নং নির্দিষ্ট ফরমে বিরোধিতা নোটিশ দাখিল করিতে পারিবেন।

নিম্নে ডান পাশে প্রদর্শিত সাত অংক বিশিষ্ট সংখ্যাগুলি পূর্ণাঙ্গ বিশেষত্বনামা গৃহীত হইবার পর পেটেন্ট নম্বর প্রদান করা হইয়াছে এবং এই ক্রমিক সংখ্যা অনুসারে বিনির্দেশ মুদ্রণ করা হইবে এবং পরবর্তী কার্যক্রম গ্রহণ করা হইবে।

গৃহীত পেটেন্ট দরখাস্তসমূহের সাময়িক (যদি থাকে) ও পূর্ণাঙ্গ বিশেষত্বনামা জনসাধারণের পরিদর্শনের জন্য অফিস চলাকালীন সময়ে অত্র অধিদপ্তরে প্রদর্শিত হয়। যে কোনো আবেদনকারীর প্রয়োজনে টাইপ-রাইটারে মুদ্রিত বিশেষত্বনামা প্রত্যায়িত প্রতিলিপি সরবরাহ করা যাইতে পারে যদি তিনি ২৯ নং ফরমে নির্দিষ্ট ফি সহ আবেদন দাখিল করেন এবং বিশেষত্বনামা টাইপ করিবার জন্য নির্দিষ্ট ফি পরিশোধ করেন।

লঘুবন্ধনীর মধ্যে প্রদর্শিত তারিখ ১৯১১ ইং সনের পেটেন্ট ও ডিজাইন আইনের ৭৮ক ধারা/প্যারিস কনভেনশনের বিধান অনুযায়ী অগ্রাধিকার তারিখ রূপে দাবী করা হইতেছে এবং যে দেশে দরখাস্তটি প্রথম দাখিল করা হইয়াছে সেই দেশের নাম তৎসঙ্গে উল্লিখিত হইয়াছে।

Notice is hereby given that all persons interested in opposing the grant of patent on any of the application referred to below may at any time within four months from the date this Gazette, give notice at the Department of Patents, Designs & Trademarks, (Patent & Design Wing), Ministry of Industries (5th Floor), 91, Motijheel C/A, Dhaka-1000, Bangladesh in the prescribed form-6 of the Patents and Designs Rules, 1933.

The seven figures numbers shown in the right hand side are those given to the application on acceptance of the complete specifications and under which the specifications will printed and subsequent proceeding will be taken.

The complete specifications of the accepted applications are open to the public inspection at this office at any time on all working days, if required typed copies of the specifications can be supplied by this office on payment of the prescribed charge which may be ascertained on application to this office.

The priority dates of the applications and the names of the countries in which the application to have been filed first are shown in the crescent brackets. The priority dates are claimed Under Section 78A of the Patents and Designs Act, 1911/ provisions under the Paris Convention.

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|----------|---|---|--|
| 141/2019 | Zepelin, s.r.o., A Limited
Liability company
incorporated under the laws of
Slovak Republic, (whose legal
address is Street: Gen. M. R.
Stefanika 7061, City: Trencin,
Postal Code: 91101, Slovakia)
Priority: SKPUV 50059-2018
Dated: 08/06/2018 | Arcuate high pressure inflatable beam.

<i>IPC: E 04H 15/20</i>

1006376 | Abstract: A high pressure inflatable beam with a typical internal operating pressure in the range of 100 to 1,000 kPa, formed from conventional or modified fire hoses, or other industrial hoses or tubes produced by seamless braiding technology with an internal lining impervious to air and a possible outer protective coat, the ends of which are closed by a plug, wherein at least one plug contains at least one filling and/or discharging element for the filling medium, and the ends of the beam are firmly put in at a distance of less than the total length of the beam, where at least one a section of its length, the beam is provided with at least two adjoining fixed attachment points located in the longitudinal direction of the beam and formed on the surface of the beam or sleeves of the beam, wherein the fixed attachment points are interconnected by at least one force exerting element, whose straight length between the fixed attachment points is shorter than the straight length of the plain beam between these fixed attachment points. |
| 143/2019 | XEROS LIMITED, a
corporation organized and
existing under the laws of
United Kingdom, (whose legal
address is Unit 2, Evolution,
Advanced Manufacturing Park,
Whittle Way, Rotherham,
Catcliffe, South Yorkshire S60
5BL, United Kingdom
Priority: GB 1809610.7
Dated: 12-06-2018 | METHOD FOR THE CONDITIONING OF TEXTILES BY
AGITATION WITH A PLURALITY OF NON PORUS
SOLID THERMOPLASTIC PARTICLES AND
CONDITIONED TEXTILES PRODUCED THEREBY

<i>IPC: D 06B 11/00, D 06M 16/00, D 06P 5/15</i>

1006382 | Abstract: A method for conditioning a textile comprising agitating the textile with a plurality of non-porous solid thermoplastic with a size in the range of from 0.1mm to 100mm, a liquid medium, and an enzyme; wherein the particles comprise a curvilinear surface. |
| 145/2019 | Levi Strauss & Co, a company
organized and existing under
the laws of USA, (whose legal
address is 1155 Battery Street,
San Francisco, California
94111, United States of
America) Priority: US 62/685,
260, Dated: 14/06/2018 | Garment and Fabric with Rope Processed to include Enhanced
Response Characteristics for Laser Finishing.

<i>IPC: A 41H 3/08, B 23K 26/352, D 06M 10/00</i>

1006377 | Abstract: A fabric has enhanced response characteristics for laser finishing, The fabric can be denim for denim apparel such as jeans, Software and lasers are used to finish apparel made of the fabric to produce a desired wear or distressing pattern or other design. The fabric allows for relatively fast color change in response to the laser, color changes in hue from indigo blue to white, many grayscale levels, and maintains strength and stretch properties. A method used to make the fabric includes spinning, dyeing, and weaving yarns in such a way to obtain the desired enhanced response characteristics for laser finishing. |

- 166/2019 COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.,
An Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860), (whose legal address is Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001, India) and PETROLEUM CONSERVATION RESEARCH ASSOCIATION, A company organized and existing under the laws of India, (whose legal address is Sanrakshan Bhavan, 10-Bhikaji Cama Place, New Delhi-110 066, India)
Priority:
- A DOMESTIC COOKING BURNER FOR PIPED NATURAL GAS.
IPC: F 23C 23/00
1006383
- Abstract:** A domestic cooking burner is designed for the efficient and safe application of Piped Natural Gas (PNG). The burner comprises of a gas injector with diameter suitable for injecting PNG at a range of flow rate at subsonic conditions. The injector is in alignment with mixing tube; throat has been designed for minimum 50% primary aeration to allow entrainment of primary air thus leading to air fuel mixing. The mixing tube is made divergent and smooth enough to prevent frictional pressure losses. The burner is conventionally arranged so that the head portion extends upwards towards the loading utensil with the mixing tube portion formed at 90° to the head portion so that the axis of inlet is perpendicular to the vertical axis of the burner. The top portion of the burner head has holes (flame ports) to support flames. There are three circular rows of holes with similar diameter designed to deliver a range of heat output; all the holes are drilled on the tapered faces of burner head so as to spread the flame in a larger circular area. The burner head and gas manifold have circular body with central hole to support secondary air entrainment. The loading height has been optimized for improved heat transfer from flames to cooking vessel that ensures minimum 55% of thermal efficiency. The invented PNG burner may also be used for commercial cooking and industrial heating applications.
- 170/2019 Julien Peter Winter,
Nationality: Canadian, (whose legal address is 175 Tremaine St. Cobourg, ontario, Canada, K9A 2Z2, Canada) and Md. Mahbulul Islam, Nationality: Bangladeshi, (whose legal address is House # LA-56 (2nd floor) Badda Post Office Road, Gulshan, Dhaka-1212, Bangladesh) Priority:
- TOP-LIT UPDRAFT GASIFIER COOKSTOVE/HEATER MADE WITH CONCRETE.
IPC: F 24C 22/00
1006389
- Abstract:** Our innovation is a top-lit updraft gasifier (TLUD) cookstove/heater adapted for Bangladesh by making components from concrete. TLUD gasifiers work by spatially separating the primary pyrolysis of wood (or compressed biomass) from the flaming combustion of the volatile ‘white smoke’ that is released. In this way, the products of primary pyrolysis — char and volatiles (gases, tars, etc.) — can be used for different purposes: volatiles are burnt at the top of the TLUD for cooking or heating, and char is left behind to burned as charcoal, or collected and quenched for use as charcoal or biochar. Compared to traditional ‘3-stone’ stoves, TLUD stoves emit very little smoke, and use 35% less fuel without burning the char. Existing TLUD stoves designed in Western countries are made of stainless steel, and are Western countries are made of stainless steel, and are light-weight and portable. Compared to metal TLUDs, our concrete TLUD is a robust, semi-permanent installation that contains few metal components. In Bangladesh, metal stoves would be expensive, because they would be imported. With our innovation, we claim to have adapted existing TLUD gasifier technology to invent a TLUD stove/heater with a concrete base for collecting char and regulating primary air, a concrete outer stove body that forms a safe, stable cooking platform that protects users from hot surfaces, and a unique nozzle gas burner. The modular architecture of this stove allows for maintenance, upgrading and recycling stove components. The design can be scaled up or down according to different applications and the fire-power required.

- 172/2019 CHANNEL TECHNOLOGIES FZE, a company duly organized and existing under the laws of United Arab Emirates, (whose legal address is Office 346, Building Number 14, Jebel All Free Zone, Dubai, United Arab Emirates) Priority: ZA 2018/04476, Dated: 04-07-2018
- PROVISION AND RECOVERY OF NETWORK USAGE ADVANCES
IPC: H 04L 12/14, H 04W 4/24, 8/20
1006378
Abstract: A system and method for provision and recovery of network usage advances are described. In a method, a network usage advance request, including a subscriber identifier and a first amount associated with the advance, is received. A balance control flag associated with the subscriber identifier is switched from a first state to a second state. Transactions relating to a deduction from a main account associated with the subscriber identifier leaving a balance of the main account as negative are prohibited when the balance control flag is in the first state and permitted when the balance control flag is in the second state. While the flag is in the second state, a second amount associated with the first amount is deducted from the main account. Subsequent provisioning of a third amount to the main account responsive to a top-up notification or instruction effects partial or complete recovery of the second amount.
- 190/2019 SHYFT Power Solutions, Inc., A Delaware Corporation, (Whose legal address is 8000 Edgewater Blvd., Suite 200, Oakland CA, 94621, United States of America) Priority: US 62/698, 197 Dated: 15-07-2018
- APPARATUSES, METHODS AND SYSTEMS FOR INTELLIGENT AND FLEXIBLE TRANSFER SWITCHES.
IPC: H 02J 9/06
1006394
Abstract: The present inventive concepts comprise a connected, intelligent transfer switch system that permits remote metering, monitoring and control of energy sources connected to a device both by hardwired and wireless connection, and the method for operating this system is disclosed. The inventive concepts represent a significant improvement upon existing transfer switch systems by incorporating advanced monitoring and control capabilities of all energy resources connected to a building, such as fossil-fuel powered generators, battery storage systems, solar photovoltaic arrays, wind turbines, utility grid connections, controllable loads, or other technologies which generate, store or consume energy. The inventive concepts further provide means for flexible and intelligent operation of these resources through a dedicated network communication connection which enables advanced operational decision-making to determine optimal switching actions and real-time interaction through user-facing digital interfaces.
- 198/2019 MASCHINENFABRIK RIETER AG, a company incorporated under the laws of Switzerland, (whose legal address is Klosterstrasse 20, 8406 Winterthur, Switzerland) Priority: DE 10 2018 118652.5 Dated: 01-08-2018
- SLIVER CAN INCLUDING A DISPLAY ELEMENT FOR DISPLAYING PROPERTIES OF THE FIBER MATERIAL.
IPC: B 65H 75/16
1006391
Abstract: The invention relates to a sliver can for accommodating a strand-shaped fiber material, comprising a peripheral, at least partially transparent side wall, via which an accommodating space for the fiber material is delimited, comprising a can base, which is preferably vertically movable within the accommodating space, and comprising at least one display element for displaying the quantity and/or at least one property of the fiber material located in the sliver can. According to the invention, the display element is arranged in such a way that it is visible through the side wall from outside the accommodating space.

- 200/2019 Erber Aktiengesellschaft, a company organized and existing under the laws of Austria, (whose legal address is Erber Campus 1, 3131 Getzersdorf, Austria) Priority: EP 18 186 532.0 Dated: 31-07-2018
- MEANS AND METHODS FOR CLEAVAGE OF ZEARALENONE.
IPC: C 12N 15/10
- Abstracts:** The present invention relates to a method for increasing the stability of an-hydrolase. In addition, the present invention relates to an-hydrolase obtainable by the method of the present invention. Also provided are hydrolases having a decreased grand average of hydropathy value and/or comprising specific mutations. In addition, the present invention concerns a use of an-hydrolase of the present invention for degrading zearalenone.
- 210/2019 CHANNEL TECHNOLOGIES FZE, a company duly organized and existing under the laws of United Arab Emirates (whose legal address is Office 346, Building Number 14, Jebel All Free Zone, Dubai, United Arab Emirates., United Arab Emirates) Priority: ZA 2018/05171 Dated: 01-08-2018
- PROVIDING A NETWORK USAGE ADVANCE TO A PREPAID MOBILE SUBSCRIBER.
IPC: H 04L 12/14, H 04M 15/00, H 04W 4/24
1006379
- Abstract:** A system and method for providing a network usage advance to a prepaid mobile subscriber are provided. The network usage advance enables usage of a mobile telephone network in advance of received payment. In a method, it is determined whether a subscriber is eligible for a network usage advance. A value associated with the network usage advance for which the subscriber is eligible is determined based on a subscriber score. If the subscriber is eligible for the network usage advance, an account associated with the subscriber is credited with a credit amount based on the value of the network usage advance for which the subscriber is eligible.
- 222/2019 Telefonaktiebolaget LM Ericsson (publ), a Swedish company, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 62/717, 323, Dated: 10-08-2018
- ALTERNATIVE ADDRESSING OF MANAGED OBJECTS
IPC: H 04L 12/24
1006393
- Abstract:** a resource management system maintains an association between element-specific data and the corresponding element within a network independent of a physical or logical location of the corresponding element within the network to seamlessly accommodate changing locations of the element. For each of a plurality of elements in the network, the resource management system specifies a location-specific DN and a universally unique DN for the corresponding element, links element-specific data captured using the location-specific DN to element-specific data capture using the universally unique DN, stores the element-specific data relative to the universally unique DN in memory of the resource management system. links the universally unique DN to the corresponding location-specific DN to enable the resource management system to access the element-specific data stored relative to the universally unique DN using the location-specific DN, and stores the identified location-specific DN, the universally unique DN, and the corresponding linkings in the memory.
- 226/2019 Telefonaktiebolaget LM Ericsson (publ), a company organized and existing under the laws of Sweden, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: EP PCT/EP2018/077965 Dated: 08-10-2018
- NOTIFICATION CONTROL IN A COMMUNICATION SYSTEM.
IPC: H 04W 24/00
1006381
- Abstract:** a method for notification control in a communication system performed by a core network is presented. The method comprising: establishing a PDU session; enabling a radio access network, RAN, to send a notification that notifying

a UE, of the unfulfillment or re-fulfillment of QoS, for a QoS flow in the PDU session using an AN-signaling based notification. The An-signaling based notification including the unfulfillment or re-fulfillment of QoS parameters as defined in a QoS Flow description. The AN-signaling based notification further including expected QoS figure, an expected time interval and an accuracy of the notification. The UE/AF may further adapt their behavior according to the expected QoS provided by the AN.

229/2019 NOVAMEDIC COMPANY LIMITED,
Nationality: a company incorporated under the laws of Thailand, (whose legal address is 125 Moo. 2 Phraeksamai, Muang Samut Prakan, Samut Prakan, 10280, thailand)
Priority: TH 1803001887
Dated: 22-08-2018

BANDAGE.

IPC: A 61F 13/02, 13/10, 13/14

1006386

Abstract: The bandage according to this invention is a bandage product that includes all the procedures in to one product for the purpose of wound dressing for circumcision wound after the circumcision surgical procedure or for the wound that requires the bandage to be wrapped around such as fingers, by developing a bandage that comprises of a wound stickiness recucer solution at one end of the bandage which is flexible and has a suitable binding force in order to help stopping the bleeding, absorbing the exudates from the wound wherein the other end having an adhering part which can be folded shut right after the wound dressing procedure is done. further, the bandage according to this invention can help reduce the products and the procedure needed for wound dressing for the circumcision wound or the wound that need to have the bandage wrapped around, making it easier and convenient to use in one step, wound non-sticking when changing the bandage. Additionally, the patient could use the bandage according to this invention at home and with its suitable flexibility and binding force this will help the wound heal in a faster pace.

233/2019 Jashore University of Science and techonology, (JUST),
Jashore-7408 (whose legal address is Jashore University of Science and technology, Jashore-7408, Bangladesh)
Priority:

Water to H2 fuel production using rice husk catalyst

IPC: C 01B 3/00

1006403

Abstract: Attempt has been made in this work to discover a catalyst that can split water into hydrogen under visible irradiation, composed of easily available, low-cost materials and operating far more efficiently than previous catalysts. The rice husk photocatalyst is fabricated by means of a simple on-pot solid phase reaction method in which waste rice husk derived silica used as a precursor. The rate of H₂ evolution on catalyst is increased to 3200 $\mu\text{mol h}^{-1}$ which even outperforms the photocatalyst loaded with different noble metals, such as Pt, Ru, Rh, Pd, and Au without any supporting electrolytes, buffering reagents, pH adjustment, or applied voltage ever reported so far. Studies revealed that the generation of both Si-H and Si-OH bonds on Si is a promising strategy to suppress the generation of oxygen, allowing catalyst ultrathin nanosheets segments to maintain a high conversion of hydrogen might be due to its improved separation of the photon generated electron hole pairs. Since the complex production process of photo catalysts and high cost of precious metal co catalyst remains a major hurdle to producing hydrogen from water, our discovery of ultrathin nano sheets photo catalyst may lead to a more economic approach for hydrogen production from water.

- 238/2019 TVS MOTOR COMPANY LIMITED, a company duly organized and existing under the laws of India, (Whose legal address is Jayalakshmi Estates, No. 29 (Old NO. 8), Haddows Road, Chennai—600006, India) Priority: IN 201841033135 Dated: 04-09-2018
- AN OVER RIDE SYSTEM.
IPC: F 02C 15/100
1006397
- Abstract:** The present subject matter relates to a system to override the powertrain cut-off condition for a vehicle when the any powertrain controlling means such as side stand switch suffers malfunction or completely breaks down. The present subject provides an override system applicable for both engine as well as electric motor run vehicle where the user may enter one or more override sequence using at least one input unit. The present subject matter also allows multiple attempts to overcome the powertrain cut-off situation.
- 239/2019 TVS MOTOR COMPANY LIMITED, a company duly organized and existing under the laws of India, (whose legal address is Jayalakshmi Estates, No. 29 (Old No. 8), Haddows Road, Chennai—600006, India) Priority: IN 201841033710 Dated: 07-09-2018
- VEHICLE HEADLAMP ASSEMBLY
IPC: F 21B 15/100
1006398
- Abstract:** The present invention relates to a vehicle comprising a front portion and a rear portion. One or more predetermined cut-out profiles, are formed in at least a portion of said front portion. In the present invention, one or more headlamp assemblies are configured to be detachably secured to said one or more predetermined cut-out profiles. further, at least one cover member is detachably secured to at least a portion of each of said one or more headlamp assemblies at a rear side thereof; and wherein at least one interface structure is integrally attached to said at least one cover member through one or more mounting mechanism to form a sealing structure for said one or more headlamp assemblies on the vehicle.
- 252/2019 PPG INDUSTRIES OHIO, INC. Nationality: a company incorporated under the laws of USA, (whose legal address is 3800 WEST 143D STREET, CLEVELAND, OH 44111, United States of America) Priority: US 61/131, 775 Dated: 14-09-2018
- METHOD FOR TREATING A MICROPOROUS MEMBRANE.
IPC: B 01D 67/00
1006409
- Abstract:** A method for treating a surface of a microporous membrane includes: contacting at least one surface of the membrane with a treatment composition including: an acrylic polymer prepared from a mixture of vinyl monomers including: a (meth) acrylic acid monomer and silane-functional acrylic monomer; and a base, where the acrylic polymer is in contact with the filler present in the matrix; and subjecting the membrane to conditions sufficient to effect a condensation reaction between the filler and the acrylic polymer. A treated microporous membrane and an aqueous treatment composition are also disclosed.
- 253/2019 NORDSON CORPORATION, a corporation organized under the laws of United States of America, (whose legal address is 28601 Clemens Road, Westlake, Ohio 44145, United States of America) Priority: US 62/735, 799 Dated: 24-09-2018
- NOZZLE AND APPLICATOR SYSTEM FOR FABRIC BONDING.
IPC: B 05C 5/02, 5/0237, B 29C 65/52, B 29L 31/48
1006407
- Abstract:** Nozzle assemblies and methods of bonding fabric by jetting an adhesive are disclosed. A method of bonding fabrics with an adhesive includes receiving the adhesive from an adhesive supply into a nozzle assembly. The nozzle assembly has a valve seat, a valve stem configured to slidably move towards and away from the valve seat, and a plurality of outlet

channels. The method further includes jetting the adhesive from the plurality of outlet channels onto a first fabric and applying a second fabric to the first fabric to adhere the first and second fabrics to each other.

258/2019 Coloreel Group AB, a company duly organized and existing under the laws of Sweden, (whose legal address is Science Park 553 18 JONKOPING, Sweden)
Priority: SE 1851094-1
Dated: 15-09-2018

SYSTEM FOR IN-LINE TREATMENT OF THREAD, COMPRISING A TREATMENT UNIT AND A DRIVE UNIT.

IPC: D 05C 11/24, D 06B 11/00, D 06P 5/30

1006410

Abstract: A system for in-line treatment of thread for use with a thread consuming device is provided. The system comprises a treatment unit comprising at least one discharge device being configured to dispense one or more coating substances onto the at least one thread when activated; and a drive unit being configured to move said at least one discharge device between an idle position and an operational position being arranged along an axis of movement move said at least one discharge device between an idle position and an operational position by means of a transmission having different transmission ratios during the motion from the idle position towards the operational position.

259/2019 Coloreel Group AB, a company duly organized and existing under the laws of Sweden, (whose legal address is Science Park 553 18 JONKOPING, Sweden)
Priority: SE 1851092-5
Dated: 15-09-2018

A SYSTEM FOR IN-LINE TREATMENT OF THREAD, COMPRISING A TREATMENT UNIT AND A LIGHT DETECTION SYSTEM.

IPC: D 03J 1/04, D 05B 67/00, D 05C 11/24, D 06B 1/02

1006411

Abstract: A system for in-line treatment of thread for use with a thread consuming unit is provided. The system comprises a treatment unit having a plurality of nozzles arranged at different positions relative the at least one thread, said at least one thread being in motion in use, each nozzle being configured to dispense one or more coating substances onto the at least one thread when activated, and a light detection system for illuminating the at least one thread in order to receive light which is reflected from the at least one thread when said at least one thread is illuminated.

260/2019 Coloreel Group AB, a company duly organized and existing under the laws of Sweden, (Whose legal address is Science Park 55318 JONKOPING, Sweden)
Priority: SE 1851097-4
Dated: 15-09-2018

A SYSTEM FOR IN-LINE TREATMENT OF THREAD, COMPRISING A TREATMENT UNIT AND A CONTROL UNIT.

IPC: D 03J 1/40, D 05B 67/00, D 05C 11/24, D 06P 5/30

1006412

Abstract: A system for in-line treatment of one or more threads for use with a thread consuming device is provided. The system comprises a treatment unit having a plurality of nozzles being distributed in at least a first and a second dispensing zone, the dispensing zones being separated in a direction being perpendicular to the longitudinal direction of the at least one thread, said thread being in motion in use, each nozzle being configured to dispense one or more coating substances at least onto the at least one thread when activated, and a control unit being configured to control activation of each dispensing zone of nozzle independently.

- 261/2019 Coloreel Group AB, a company duly organized and existing under the laws of Sweden, (whose legal address is Science Park 553 18 JONKOPING, Sweden) Priority: SE 1851095-8 Dated: 15-09-2018
- A TREATMENT UNIT FOR IN-LINE TREATMENT OF THREAD.
IPC: B 41J 2/165, 3/407, D 04B 35/36, D 05C 11/24
1006413
- Abstract:** A system for in-line treatment of thread for use with a thread consuming device is provided. The system comprises a treatment unit comprising at least a first and a second print head each being configured to dispense one or more coating substances onto the at least one thread when activated; and a control unit configured to determine if a maintenance sequence is to be performed on at least the first print head, and if so schedule said maintenance sequence on at least the first print head.
- 262/2019 Juul Labs, Inc., A Corporation Incorporated in USA, (whose legal address is 560 20th Street, Building 104, San Francisco 94107 CA, United States of America) Priority: US 16/566, 842 Dated: 10-09-2019; US 62/730, 257 Dated: 12-09-2018 and US 62/897, 229, Dated: 06-09-2019
- Vaporizer Including Positive Temperature Coefficient of Resistivity (PTCR) Heating Element.
IPC: A 24F 47/00, H 05B 3/14
1006388
- Abstract:** An apparatus includes a housing including a power source; a reservoir including an inlet, an outlet, and configured to contain vaporizable material and couple to the housing; and a PTCR heating element configured to electrically couple to the power source and heat the vaporizable material to form an aerosol. The PTCR heating element includes an electrical resistivity that varies based on temperature. The electrical resistivity includes an electrical resistivity transition zone including an increase in electrical resistivity over a temperature range such that, when the PTCR heating element is heated to a first temperature within the transition zone, current flow from the power source is reduced to a level that limits further temperature increases of the PTCR heating element. Related apparatus, systems, techniques, and articles are also described.
- 282/2019 Telefonaktiebolaget LM Ericsson (publ), a company organized and existing under the laws of Sweden, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: CN PCT/CN2018/109158 Dated: 30-09-2018 and CN PCT/CN2019/105433 Dated: 11-09-2019
- METHODS AND APPARATUSES FOR LOCATION REPORTING.
IPC: H 04W 4/02
1006408
- Abstract:** Methods and apparatuses are disclosed for location reporting. According to an embodiment, a mobility management node determines to establish a connection between the mobility management node and a terminal device for which location reporting is required. The mobility management node sends, to a base station, a request for establishing the connection. The request is configured to request the base station to report location information of the terminal device.
- 287/2019 Telefonaktiebolaget LM Ericsson (publ), a company organized and existing under the laws of Sweden, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 62/737, 580 Dated: 27-09-2018
- MULTIPLEXING OF IAB-NODE LINKS
IPC: H 04B 7/155, 7/26
1006402
- Abstract:** a Method, system and apparatus in a network node 16 configured as an integrated access backhaul, IAB, node to communicate with a parent node and a child node and or a wireless device is provided. According to one aspect, the process includes, if a collision occurs between a scheduling

grant for an uplink parent backhaul and an already issued scheduling grant for an uplink child backhaul, then one of transmitting on an uplink parent backhaul and ignore possible uplink transmission from the child node and/or the WD; and ignoring a scheduling grant from the parent node and not transmit on an uplink parent backhaul.

289/2019 Graf+Cie AG, A Company incorporated under the laws of Switzerland, (whose legal address is Bildaustasse 6, CH-8640 Rapperswil, Switzerland) Priority: CH 01213/18 Dated: 04-10-2018

Circular comb for a combing machine

IPC: D 01G 15/88, 19/10, 19/105

1006399

Abstract: The present invention relates to a carrier for a circular comb having a length, with a circular comb axis, and a combing device of a combing machine having a clothing support surface and at least one support surface situated opposite from the clothing support surface, wherein the clothing support surface and the support surface are situated in a concentric circular shape about the circular comb axis, in a cross section viewed perpendicular to the length. The support surface is formed on a central profile, and the clothing support surface is connected to the central profile. At least one first spring rib pair for supporting the carrier on a circular comb shaft or on a support body is situated on the central profile, wherein the spring ribs of the first spring rib pair each have a support, facing the circular comb axis, at an end facing away from the central profile.

190/2019 Graf+Cie AG, A Company incorporated under the laws of Switzerland, (whose legal address is Bildaustasse 6, CH-8640 Rapperswil, Switzerland) Priority: CH 01214/18 Dated: 04-10-2018

Circular comb for a combing machine.

IPC: D 01G 19/10, 19/105

1006400

Abstract: The present invention relates to a circular comb for a combing machine, wherein the circular comb has a comb clothing and a circular comb axis, together with a clothing carrier and at least one circular comb carrier. The clothing carrier is mounted on the circular comb carrier. At least two adjustment devices for adjusting a distance between the clothing carrier and the circular comb carrier are provided between the clothing carrier and the circular comb carrier, in a respective end area of the clothing carrier.

300/2019 LUBRIZOL ADVANCED MATERIALS, INC., A corporation organized existing under the laws of USA, (whose legal address is 9911 Brecksville Road, Cleveland, Ohio 44141-3247, United States of America) Priority: US 62/744, 728 Dated: 12-10-2018

FIRE SUPPRESSION FLUID CONTAINING A CARBOXYLATE SALT.

IPC: A 62D 1/00, C 23F 11/12

1006384

Abstract: An aqueous fire sprinkle fluid containing a C4 or greater carboxylate salt for freezing point depression is described. The salts may be used in conjunction with glycols. The salts decrease the combustibility and give lower viscosity than higher glycol fluids, both benefitting fire sprinkler systems. These salt solutions are friendly to metal and CPVC pipes and are thus useful for fire sprinkler systems by not causing environmental stress cracking of the CPVC components and not being corrosive to the metal parts.

- 305/2019 SHENZHEN STOCK EXCHANGE, A Legal Entity Incorporated under the laws of China, (whose legal address is 2012 Shennan Blvd., Futian District, Shenzhen, P. R., China) Priority: CN 201811379795.6 Dated: 16-11-2018
- METHOD FOR HANDLING RECEIVER ABNORMALITY OF MESSAGE ORIENTED MIDDLEWARE, SERVER, AND COMPUTER READABLE STORAGE MEDIUM
IPC: G 06F 9/54
1006387
- Abstract:** Disclosed is a method for handling receiver abnormality of message oriented middleware, including: placing the message into the first shared memory by the sender, and writing the message into a disk by the first asynchronous persistent component, after the message is sent by the sender to a network: placing the message into the second shared memory by the receiver, and writing the message into a disk by the second asynchronous persistent component, after the message is received by the receiver from the network; reading a message from the disk corresponding to the receiver and delivering the message to an application for processing, when a non-critical slow receiver is detected from the receiver; caching the message sent by the sender, stopping sending the message to the network. The present application also discloses a server and a computer readable storage medium. The present application enables the ultra-low time delay of high-speed message oriented middleware without being affected by fault receivers and slow receivers on the entire distributed system.
- 306/2019 SHENZHEN STOCK EXCHANGE, Nationality: A Legal Entity Incorporated under the laws of China, (whose legal address is 2012 Shennan Blvd., Futian District, Shenzhen, P. R., China) Priority: CN 201811373649.2 Dated: 16-11-2018
- METHOD AND DEVICE FOR ASYNCHRONOUSLY RECORDING DATA, AND COMPUTER READABLE STORAGE MEDIUM.
IPC: G 06F 16/22, 16/2455
1006395
- Abstract:** Disclosed are a method and device for re-transmitting data, and computer readable storage medium. The method includes: acquiring a data message and generating an index according to the data message, on condition that the data message input by a message oriented middleware is received; acquiring a topic, a topic group, and an overall sequence of the data message, and storing the index in a plurality of preset storage structures corresponding to the topic, the topic group, and the overall sequence respectively; and on condition that any one of the preset storage structures corresponding to the topic, the topic group, and the overall sequence is full, recording the full preset storage structure, and the data message corresponding to the index in the full preset storage structure.
- 315/2019 YKK CORPORATION, A Company incorporated under the laws of Japan, (whose legal address is 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 1018642, Japan) Priority: JP PCT/JP2018/046923 Dated: 20-12-2018
- ELEMENT MEMBER, CHAIN MEMBER AND SLIDE FASTENER-ATTACHED PRODUCT
IPC: A 44B 19/02
1006390
- Abstract:** An element member for a slide fastener of the present invention includes a fixing member, a plurality of fastener elements attached to the fixing member, a member component portion which is attached to the fixing member and to be a part of a separable rear end stop and a guide portion attached to the fixing member. The member component portion is disposed adjacent to one end part of the element row and includes a first end part of the member component portion disposed adjacent to the element row and a second end part of

the member component portion disposed opposite to the first end part. The guide portion is disposed adjacent the second end part of the member component portion. Thereby, when the element member is sewn to a cloth using a sewing machine, the guide portion can be supported by a gear of the sewing machine. Therefore, the member component portion can be prevented from swinging or twisting, and the member component portion can be stably sewn to a predetermined position of the cloth.

329/2019 Telefonaktiebolaget LM Ericsson (publ), a company organized and existing under the laws of Sweden, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 62/752, 638 Dated: 30-10-2018

MEASUREMENT CONFIGURATION IN NR-DC.

IPC: H 04W 24/10

1006385

Abstract: A wireless device operates with dual connectivity to a Master node and a Secondary none, which are both New Radio, NR, nodes. It receives measurement and/or reporting configuration information from a network. It determines whether the received configuration information relates to a MCG or a SCG. Specifically, it is determined that the received configuration information relates to the MCG if the configuration information is received directly within an RRCRe configuration message received via SRB1, or that the received configuration information relates to the SCG if the configuration information is received directly within an RRCRe configuration message received via SRB3, or alternatively if the configuration information is received in an RRCRe configuration message that is embedded within an PRCRe configuration message received via SRB1.

331/2019 BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED., a British company, (whose legal address is Globe House, 1 Water Street, London, WC2R 3LA, United Kingdom) Priority: GB 1817971.3 Dated: 02-11-2018

Methods of modulating the alkaloid content of a plant or part thereof.

IPC: D 06F 37/06

1006414

Abstract: The present invention provides a method for modulating the alkaloid content of a plant (e.t. a tobacco plant), the method comprising modifying said plant by modulating the activity or expression of at least one protein kinase. The present invention also provides for the use of at least protein kinase gene for modulating the alkaloid content of a plant, as well as tobacco cells, plants, plant propagation materials, harvested leaves, processed tobaccos, or tobacco products obtainable in accordance with the invention.

339/2019 NEC Corporation A Company Incorporate in Japan, (whose legal address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan) Priority: JP PCT/JP2018/041318 Dated: 07-11-2018

Image processing Apparatus, Image Processing Method, And Computer Readable Medium.

IPC: G 08B 25/00, H 04N 7/18

1006415

Abstract: An image processing apparatus according to the present disclosure includes a display unit and a control unit configured to control the display unit to display a sensing data image indicating sensing data of an optical fiber and a camera image of a camera which photographs an area in which a predetermined event is detected by the sensing data.

- 352/2019 KORTUC Inc., A Company
Incorporated in Japan, (whose
legal address is c/o SPACES
1F Otemachi Bldg., 1-6-1
Otemachi, Chiyoda-ku, Tokyo
1000004, Japan) Priority: JP
2018-215913
Dated: 16-11-2018;
JP 2019-022388
Dated: 12-02-2019 and
JP 2019-115440
Dated: 21-06-2019
- SYRINGE SUITABLE FOR HYDROGEN PEROXIDE
SOLUTION AND KIT THEREOF.
IPC: A 61M 5/32, 5/34
1006392
Abstract: A syringe that suppresses decomposition of hydrogen
peroxide is provided. An object of the present invention is to
provide a syringe includes a portion contacting a hydrogen
peroxide solution, in which the portion is made of cycloolefin
polymer or cycloolefin copolymer.
- 374/2019 GUANGXI JINGREN
AGRICULTURAL SCIENCE
AND TECHNOLOGY CO.,
LTD., A Company
incorporated under the laws of
China, (whose legal address is
Room 401, Unit 3, Building 6,
No. 282, Xianhu Avenue West,
Qingxiu District, Nanning,
Guangxi 530220, China)
Priority: CN
201811455367.7
Dated: 30-11-2018
- RATOON RICE BREEDING METHODS AND
CULTIVATION METHODS THEREOF.
IPC: A 01G 22/22
1006396
Abstract: The invention relates to the field of plant breeding
and cultivation, in particular to methods of ratoon rice breeding
and cultivation methods of ratoon rice. By selecting a
photosensitive variety of rice, cultivating the crop under long-
day condition in the ratoon season and adopting corresponding
cultivation manners to prolong the growth period, the yield is
increased and the mature uniformity of ratoon crop is improved.
Compared with the existing ratoon rice cultivation methods, the
present invention may substantially improve the yield and
quality of ratoon rice and has good economic and social
benefits.
- 387/2019 JDC CORPORATION, a
corporation organized and
existing under the laws of
Japan, (whose legal address is
4-9-9, Akasaka, Minatoku
Tokyo, 107-8466, Japan)
Priority: JP 2018-244965
Dated: 27-12-2018 and JP
2018-244966
Dated: 27-12-2018
- METHOD FOR PRODUCING TEXTILE FABRIC, TEXTILE
FABRIC, AND FILTER.
IPC: D 21H 17/63
1006404
Abstract: The present invention provides a textile fabric from
which a layered double hydroxide is not easily detached, and a
method for producing the textile fabric, the method including a
synthesis step of mixing an acid solution and an alkaline
solution in the presence of a fiber, in which at least one of the
acid solution and the alkaline solution contains a divalent metal
ion and a trivalent metal ion, and synthesizing a layered double
hydroxide; and a shaping step of removing water from the
mixture produced in the synthesis step, and performing shaping.
- 394/2019 Universiti Tunku Abdul
Rahman, Nationality: An
Organization organized and
existing under the laws of
malaysia, (whose legal address
is Jalan Sungai Long, Bandar
Sungai Long, 43000 Kajang,
Malayasia) Priority: MY PI
2018002614
Dated: 18-12-2018
- SOLAR WATER HEATING SYSTEM WITH A MULTI-
FACET THROUGH SOLAR CONCENTRATOR.
IPC: F 24S 23/00
1006401
Abstract: A Solar water heating system comprising an
insulated storage tank for storing a heat transfer fluid, a static
trough solar concentrator for receiving and reflecting incident
sunrays and a cylindrical absorber tank for heating the heat
transfer fluid, positioned within and along the longitudinal axis
of the trough solar concentrator to receive the reflected sunrays
from the trough solar concentrator to heat up the fluid in the
cylindrical absorber tank. The cylindrical absorber tank
includes top and bottom level sensors to monitor the fluid level
in the cylindrical absorber tank, an outlet valve for controlling

the discharge of heated fluid from the cylindrical absorber tank to the insulated storage tank, a sensor for sensing the temperature of the heated fluid in the cylindrical absorber tank is at a preset temperature and actuating the outlet valve to discharge the heated fluid into the insulated storage tank and an inlet valve for controlling the replenishment of unheated fluid into the cylindrical absorber tank. The static trough solar concentrator possesses a base and a plurality of flat facets which are in series, and each flat facet on either side of the base is tilted relative to the base and towards the cylindrical absorber tank so that the static trough solar concentrator has an acceptance angle of between 50° to 60° to enable it to receive all incident sunrays and reflect it to the cylindrical absorber tank.

8/2020 FRED sense Technologies Crop., a company duly organized and existing under the laws of Canada, (whose legal address is 3320 14th Avenue NE, Bay # 8, Calgary, Alberta, Canada T2A 6j4, Canada) Priority US 62/791,352 Dated: 11/01/2019

SYSTEM AND METHODS FOR VOLTAMMETRIC DETECTION

IPC: G 01N 27/416

1006416

Abstract: Cartridges for the voltammetric detection of fluid parameters in a fluid sample are provided. The cartridges contain a sample reservoir containing two compartment fluidically separated by a barrier. Each compartment contains a chemical compound to facilitate voltammetric detection of a fluid parameter. A fluid collection device containing a fluid sample can be received by the sample reservoir, and the barrier can be penetrated by the fluid collection device, to thereby cause contact between the fluid sample and both chemical compounds. Upon introduction of the fluid sample in the sample reservoir a fluid parameter can be voltammetrically detected. Related assemblies including the cartridges, as well as methods for operating the cartridges are also described.

9/2020 Saurer Spinning Solutions GmbH & Co. KG, a company organized and existing under the laws of Germany, (whose legal address is Carlstr. 60, 52531 Ubach-Palenberg, Germany) Priority: EP 19153746.3 Dated: 25-01-2019

Loading and relieving device for a thread clamping apparatus and thread clamping apparatus.

IPC: B 23Q 3/00

1006405

Abstract: The invention relates to a loading and relieving device for a thread clamping apparatus of a rotationally movable spinning or twisting machine spindle, the loading and relieving device comprising a spring ring element, which can be abruptly transferred between a stable state and metastable state, an inner retaining device, which is arranged on an inner edge of the spring ring element for connection to a stationary under winding sleeve of the spinning or twisting machine spindle, an outer retaining device, which is arranged on an outer edge of the spring ring element for connection to a clamping element of the spinning or twisting machine spindle, which clamping element can be slid relative to the stationary under winding sleeve axially with respect to the longitudinal axis of the under winding sleeve, and a retaining and guiding device for retaining centrifugal-force elements in a guiding manner between a stable, position and a metastable position, which can be assumed by means of a relative movement between the outer retaining device and the inner retaining device, the spring ring element assuming the stable state in the stable position and the metastable state in the metastable position. The present invention is characterised in that the retaining and guiding device

has at least one holder for a centrifugal-force element, which holder is arranged at a distance from a ring surface portion of the spring ring element, which ring surface portion couples the inner edge and the outer edge to one another.

16/2020 TEREOS STARCH & SWEETENERS EUROPE, a company existing and organized under the laws of France, (whose legal address is Rue de Senlis, 77230 Moussy-le-Vieux, France) Priority: BE 2019/0001 21-01-2019

COAGULATED PLANT PROTEIN COMPOSITION.

IPC: A 23J 1/00, A 23K 20/10

1006417

Abstract: The present invention relates to a method for preparing a plant protein composition comprising coagulated plant proteins. The method comprises the steps of suspending a plant substance with an aqueous solution, preferably water; separating protein fraction A comprising water-soluble proteins from fraction B comprising insoluble proteins; optionally adjusting the pH of fraction A, inducing precipitation; settling the insoluble portion of fraction A from step; retrieving the supernatant; optionally adjusting the pH of the supernatant obtained in step coagulating the plant proteins of the supernatant obtained in step by heating said supernatant to a temperature from about 60 to about 150°C; which creates a suspension comprising a coagulated protein fraction A; retrieving protein fraction A' comprising the coagulate plant proteins; mixing protein fraction A' with protein fraction B; and drying the mixture obtained in step; which results in obtaining a dry plant protein mixture. The method may further comprise extrusion and granulation steps of the composition obtained. The invention also relates to compositions and granules comprising coagulated plant proteins as well the use thereof for human or animal nutrition.

44/2020 LONATI S.P.A, a Joint Stock company, (whose legal address is Via francesco Lonati, 3 25124 Brescia, Italy) Priority: IT 102019000007821 Dated: 03-06-2019

UPPER AND METHOD FOR THE MANUFACTURE OF AN UPPER

IPC: A 43B 1/12, 23/02, 23/04

1006418

Abstract: A semi-finished component for the manufacture of knitted uppers, characterized in that it comprises a plain knitting and a purl knitting, there being at least one longitudinally extended channel which is formed within the knitting between the plane formed by the plain knitting and the plane formed by the purl knitting, the at least one longitudinally extended channel being engageable by an elongated engagement element which forms a lace or a reinforcement element designed to engage with a lace.

257/2020 Mustafa Jabbar, a Bangladeshi national, (whose legal address is Bijoy Digital, 4/65 BCS Laptop Bazar, Eastern Plus Shopping mall, 145 Shantinagar, Dhaka-1217, Bangladesh) Priority:

An open and Interactive Digital Learning System

IPC: G 06F 17/21

1006305

Abstract: The invention relates to an digital learning based educational system which converts from analogue to digital. More particularly, the invention relates to on-line offline learning systems in which content is readily

accessible by kids & can read, listen and play with drag and drop technology. This system comprising: an audio/sound/music, a video/graphics system, an animation system, a simulation system wherein the said Digital learning system is designed to provide a user friendly Interface for the students, teachers and guardians; wherein the educational contents whether it is an audio/sound/music, video/graphic, animation, simulating or any other from can be integrated an programmed to run on digital devices including smart TV8 & the said e-learning system can be used in any language including Bangla language.

71/2021 NORDSON CORPORATION,
a corporation organized under
the laws of United States of
America (whose legal address
is 28601 Clemens Road,
Westlake, Ohio 44145, United
States of America) Priority: US
62/735, 799 Dated: 24-09-2018

NOZZLE ANDE APPLICATOR SYSTEM FOR FABRIC
BONDING

IPC: B 29C 65/52, B 05C 5/02, B 29L 31/48

1006406

Abstract: Nozzle assemblies and methods of bonding fabric by jetting an adhesive are disclosed. A method of bonding fabrics with an adhesive includes receiving the adhesive from an adhesive supply into a nozzle assembly. The nozzle assembly has a valve seat, a valve stem configured to slidably move towards and away from the valve seat, and a plurality of outlet channels. The method further includes jetting the adhesive from the plurality of outlet channels onto a first fabric and applying a second fabric to the first fabric to adhere the first and second fabrics to each other.

AKM SHOWKAT ALAM MOZUMDER
Deputy Registrar.