রেজিস্টার্ড নং ডি এ-১

"জাতির পিতা বঙ্গবন্ধু শেখ মুজিবুর রহমানের
জন্মশতবার্ষিকী উদ্‌যাপন সফল হোক"

বাংলাদেশ গেজেট

কর্তৃপক্ষ কর্তৃক প্রকাশিত

বৃহস্পতিবার, ডিসেম্বর ২, 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 পার্শ্বে 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 খ্রিষ্টাব্দের পেটেন্ট ও ডিজাইন বিধিমালা-১৯৩৩ অনুযায়ী ৬ নং নির্দিষ্ট ফরমে বিরোধিতা নোটিশ দাখিল করিতে পারিবেন।

নিম্নে ডান পার্শ্বে প্রদর্শিত সাত অংকবিশিষ্ট সংখ্যাগুলি পূর্ণাঙ্গ বিশেষত্বনামা গৃহীত হইবার পর পেটেন্ট নম্বর প্রদান করা হইয়াছে এবং এই ক্রমিক সংখ্যা অনুসারে 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 তৎসংগে 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 this Paris Convention.

280/ 2019 Sudarshan K.C. A Natural person, Nepalese Nationality. (whose legal address is Birpur, Kapilvastu, Nepal)
Priority: NP 681
Dated: 26/09/2018

Production of Mechanical/Electrical Energy from Heat Energy with and by the use of Buoyancy Factor on Evaporation or Sublimation and Condensation.

IPC: F 01K 11/02

1006511

Abstract: There are various source of heat energy. Amongst the various sources Solar energy, waste heat form garbage, waste heat from transformers, waste heat from chemical reactions, waste heat from plant and machinery, heat from geo-thermal or the vast heat energy lying in the seas and oceans are some of the major ones which are free and unused. Apart from these, we can also produce heat energy from fuels like fossil fuels, hydrogen gas, forest products etc. A lot of heat energy is being wasted and though converted to mechanical or electric energy it is not that efficient. However, using the evaporation or sublimation and condensation process brought about through difference in temperature and the use of buoyancy factor to increase the efficiency of the energy production, the heat energy can be converted to mechanical or electrical energy in excess of hundred percent. Moreover, heat energy obtained from hydrolysis of some chemicals like salts or hydroxides and their dehydration for reuse or the heat stored as latent heat on melting of salts can be utilized for huge storage of energy for some months or more and use it through this invention method. The energy lying in the water under the oceans during winter can be easily utilized for production of huge energy when there are very low (freezing) temperatures on the surface of the earth.

293/ 2019 Excelerate Energy Limited Partnership, A Company incorporated under the laws of Delaware, USA, (whose legal address is 2445 Technology Forest Blvd., Level 6, The Woodlands, TX 77381, United States of America)

APPARATUS, SYSTEM AND METHOD FOR RELIQUEFACTION OF PREVIOUSLY REGASIFIED LNG.

IPC: B 63B 27/24

1006473

Abstract: An apparatus, system and method for reliquefaction of previously regasified LNG are described. A natural gas reliquefaction method includes regasifying LNG onboard a FSRU to form high pressure regasified LNG (HP RLNG), delivering the HP RLNG to a natural gas pipeline that commingles with a natural gas grid, flowing the HP RLNG through a lateral, wherein the lateral diverts HP RLNG from the natural gas pipeline to an expander prior to commingling with the natural gas grid, expanding the natural gas with the expander to obtain low pressure regasified LNG (LP RLNG), liquefying the LP RLNG in a cold box of a nitrogen expansion loop to produce low pressure LNG, and transmitting the LNG to a cryogenic cargo tank onboard an LNG tanker truck.

309/ 2019 | SYNGENTA CROP PROTECTION AG, company organized and existing under the laws of Switzerland, (whose legal address is Rosentalstrasse 67, 4058 Basel,Switzerland) Priority: GB 1817080.3 Dated: 19/10/2018

MANIFOLD ASSEMBLY OF A SPRAYING APPARATUS.

IPC: A 01N 43/40, B 05B 15/62, 7/24

1006475

Abstract: A manifold assembly of a spraying apparatus, for example for treating plant matter, for coupling the spraying apparatus to a reservoir of liquid concentrate comprising: a first layer and a second layer: a fluid port, located in the second layer, for receiving liquid concentrate from a cartridge comprising a reservoir of liquid concentrate; a fluid inlet, located in the first layer, for receiving water from the spraying apparatus; and a fluid outlet, located in the first layer, for outputting a mixture of water and liquid concentrate to the spraying apparatus; wherein the manifold assembly comprises a flow path between the fluid inlet and the fluid outlet, and wherein the flow path between the fluid inlet and the fluid outlet includes a mixing section fluidly connected to the fluid port and configured to mix liquid concentrate received from the fluid port with water received at the fluid inlet.

325/ 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, 789 Dated: 30/10/2018

DEBLOCKING BETWEEN BLOCK BOUNDARIES AND SUB-BLOCK BOUNDARIES IN A VIDEO ENCODER AND/OR VIDEO DECODER.

IPC: H 04N 19/86

1006476

Abstract: A deblocking the method. The method includes deblocking a block boundary between a first block, B1, and a second block, B2, with the restriction that not more than 5 samples are modified on the B2 side of the block boundary as a result of the deblocking. The deblocking method also includes deblocking a sub-block boundary within the B2 block such that not more than 2 samples on the side of the sub-block boundary within the B2 block that is closest to the block boundary between B1 and B2 are modified by the deblocking.

334/ 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/CN2018/114867 Dated: 09/11/2018 and CN PCT/CN2019/I14023 Dated: 29/10/2019

METHOD AND APPARATUS FOR SCHEDULING UPLINK TRANSMISSION.

IPC: H 04W 88/04

1006485

Abstract: Various embodiments of the present disclosure provide a method for scheduling uplink transmission. The method which may be performed in a terminal device comprises receiving configuration information indicating first and second resource allocations from a network node. In an exemplary embodiment, the first resource allocation, compared with the second resource allocation, may assign more frequent occasions to the terminal device to transmit a scheduling request for uplink data. The method further comprises determining, based at least in part on the configuration information, which of the first and second resource allocations is to be activated for the transmission of the scheduling request. According to some embodiments of the present disclosure, the uplink transmission can be scheduled adaptively and flexibly, so that network throughput and resource efficiency can be improved.

382/ 2019 Bangladesh University of Textiles, (whose legal address is 92. Shahid Tajuddin Ahmed Sarani, Tejgaon Industrial Area, Dhaka-1208, Bangladesh)

SEAMLESS JUTE BAGS AND SACKS & THE METHOD THEREOF.

IPC: D 03D 1/02

1006510

Abstract: The proposed work relates to the manufacturing of seamless jute bags and sacks by using single shuttle jute dobby loom. While producing seamless jute bags and sacks, the shuttle inserts two face shots passing from left to right and from right to left. Then two back shots are inserted. Only the left selvedges of the face and back fabric layers are joined, forming the bottom of the bag or sack. On the other hand, right selvedges of the face and back fabric layers are opened for bag or sack opening. The sides of the bag or sack are formed through plain weave binding which makes the bag or sack seamless. The bag or sack sides are separated by automatic zigzag cutting machine and turned inside out. The work offers manufacturing seamless jute bags and sacks through weaving, cutting, turnover, and inspection instead of existing present process of making jute bags and sacks through weaving, fabric opening or damping, inspection, calendaring, laying, cutting, hemming, and hiracle sewing in jute industry.

397/ 2019 TOKUSHU KINZOKU EXCEL CO., LTD., a Ltd company organized & existing under the laws of Japan, (whose legal address is 4-25, Mejiro 1-chome, Toshima-ku, Tokyo 1710031, Japan) and JFE STEEL CORPORATION, a corporation organized & existing under the laws of Japan, (whose legal address is 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011, Japan)
Priority: JP PCT/JP2019/43828 Dated: 08/11/2019

HIGH CARBON COLD ROLLED STEEL SHEET, METHOD FOR MANUFACTURING SAME AND HIGH CARBON STEEL MACHINE PARTS.

IPC: C 21D 9/46

1006491

Abstract: Provided is a high carbon cold rolled steel sheet which can have good impact characteristics and hardness characteristics and excellent wear resistance after rapid cooling (quenching) treatment after short time solution treatment and low temperature tempering treatment (quenching and tempering treatment), has little decrease in secondary workability before the quenching and tempering treatment, and has a sheet thickness of less than 1.0 mm. The high carbon cold rolled steel sheet has a steel sheet chemical composition consisting of, by mass%, C: 0.85% to 1.10%, Mn: less than 0.60%, Si: 0.10% to 0.35%, P:0.030% or less, S: 0.030% or less, Cr: less than 0.60%, Mn + Cr satisfying less than 1.0%, Nb: 0.005% to 0.020%, and the balance being Fe and inevitable impurities. Thereby, compared with conventional steel materials, there is little decrease in the secondary workability before quenching and tempering . In addition, by adopting a steel sheet structure with an average particle diameter of carbide of 0.2 to 0.7 (μm) and a spheroidization rate of 90% or more, even with a quenching and tempering treatment in such a short time as 3 to 15 min, it is possible to provide a machine part having excellent impact characteristics with an impact value of 9 J/cm 2 , sufficient hardness characteristics in a range of 600 to 750 HV, and excellent wear resistance.

405/ 2019 A&I Services Incorporated, Nationality: An USA National, (whose legal address is Office 611, Level 6, The Fairmont Dubai, Sheikh Zayed Road PO BOX 33964, Dubai, United Arab Emirates) Priority: US 16/689,827 Dated: 20/11/2019 and US 62/787, 975 Dated: 03/01/2019

A High Efficiency Power Generation System And A Method Of Operating Same.

IPC: F 02C 3/20

1006494

Abstract: A power generating system using magnetic induction and a method of operating same are disclosed. The power generating system includes at least one stationary electromagnet receiving an excitation voltage from a power supply. The at least one stationary electromagnet has a north pole, a south pole and a magnetic field. The system also includes at least one stationary coil positioned inside the magnetic field and intersected by magnetic field lines of the at least one electromagnet such that when the at least one electromagnet is excited, an electromotive force (EMF) is induced in the at least one stationary coil. The power supplied may be AC or DC. The system also includes a frequency modulator for changing the rate of electric current introduced to the at least one electromagnet so that the change of current rate will cause an EMF to be induced in the coil.

406/ 2019 Groz-Beckert KG, a company duly organized and existing under the laws of Germany, (whose legal address is Parkweg 2, 72458 Albstadt, Germany) Priority: EP 19154755.3 Dated: 31/01/2019

Knitting machine needle and knitting system.

IPC: D 04B 35/04

1006472

Abstract: The invention relates to a knitting machine needle (1) comprising at least the following features: •a hook (2) for the formation of loops, which limits the shank (3) in the longitudinal direction (z) of the shank (3) and which ends in a hook tip (4) and, •a first drive section (33), which follows on from the hook (2) in the longitudinal direction (z) of the shank (3).The knitting machine needle (1) has a predetermined breaking section (9) for separating the hook (2) from the first drive section (33). The predetermined breaking section (9) is formed by a section of the shank (3), which extends in the longitudinal direction (z). The predetermined breaking section (9) is located entirely in a first shank section (10), which extends in the longitudinal direction (z) of the shank (3) between the tip (4) of the hook (2) and the first drive section (33). In addition, a knitting system (15) is claimed, which comprises a knitting machine needle (1) with a predetermined breaking section (9).

409/ 2019 CRYSTAL LAGOONS TECHNOLOGIES, Inc., Nationality: A corporation organized and existing under the laws of United States of America, (whose legal address is 1209 Orange Street, City of Wilmington, County of New Castle, 19801, State of Delaware, United States of America) Priority: US 16/538,273 12/08/2019 and US 62/785,086 26/12/2018

URBAN PERFORMANCE VENUE FOR THE PROVISION OF ENTERTAINMENT TO AN AUDIENCE IN A BEACH THEMED SETTING.

IPC: G 06B 5/00

1006492

Abstract: The present invention relates to an urban performances venue that is configured to provide entertainment to an audience attending to a performance display by creating a beach themed setting with a tropical-style lagoon that surrounds the performance display and that allows to provide flexibility and extend the use and activities to be performed in such performance venue compared to conventional venues.

410/ 2019	CRYSTAL LAGOONS TECHNOLOGIES, Inc., Nationality: A corporation organized and existing under the laws of United States of America, (whose legal address is 1209 Orange Street, City of Wilmington, County of New Castle, 19801, State of Delaware, United States of America) Priority: US 16/538,273 Dated: 12/08/2019 and US 62/785,086 Dated: 26/12/2018	URBAN TRANSFORMATION CONSTRUCTION METHOD FOR CREATING A PUBLIC ACCESS TROPICAL STYLE SWIMMING LAGOON WITH BEACHES WITHIN VACANT OR ABANDONED SITES. *IPC:* G 06B 5/00 **1006493** **Abstract:** The present invention relates generally to an urban transformation construction method for creating a public access tropical-style swimming lagoon with turquoise crystal clear waters within vacant or abandoned sites, for swimming and the practice of water sports, wherein a portion of the vacant site is demolished in order to generate a swimming lagoon. Preferably, there is an area of the swimming lagoon where public access is controlled, and a beach area is located within the controlled access area.
2/ 2020	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 62/805, 324 Dated: 14/02/2019	A CENTRAL UNIT (CU), A DISTRIBUTED UNIT (DU) AND METHODS THEREIN FOR FORWARDING OF DATA IN AN INTEGRATED ACCESS BACKHAUL (IAB) NETWORK. *IPC:* H 04W 40/22 **1006434** **Abstract:** A method performed by a Central Unit (CU) for assist in routing a data packet towards a UE is provided. The CU and the UE are operating in an Integrated Access Backhaul (IAB) communications network. Based on topology information for the IAB communications network, the CU determines (801) routes, between one or more IAB nodes and/or one or more Distributed Units (DUs) operating in the IAB communications network. The CU transmits (802) route information of the determined routes to the one or more IAB nodes and/or the one or more DUs. Each respective route information comprises a route identity and a respective node identity of the one or more IAB nodes and/or DUs comprised in the respective route.
4/ 2020	PIVOT BIO, INC., having US citizen, (whose legal address is 2929 7th STREET, SUITE 120, BERKELEY,CALIFORNIA 94710, United States of America) Priority: US 62/789,332 Dated: 07/01/2019 and US 62/906,419 Dated: 26/09/2019	PLANT COLONIZATION ASSAYS USING NATURAL MICROBIAL BARCODES. *IPC:* A 01H 3/00 **1006474** **Abstract:** The present disclosure is drawn to methods of utilizing nucleic acid barcodes and corresponding amplifying sites in cells in which the barcodes naturally occur. These barcodes and amplifying sites are reconfigured into a single nucleic acid cassette that provides for ease of use in tagging particular species, strains, or variants of cells, each with a different barcode.These barcodes can be used to track the colonization capabilities of the barcoded cells. The present disclosure further provides for assays that utilize natural barcodes to measure relative microbial colonization ability of a plant root system.

11/ 2020 Bangladesh Council of Scientific and Industrial Research (BCSIR), a body corporate of Govt. of Bangladesh, (whose legal address is Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Bangladesh)
Priority:

AN INTELLEGENT SELF-ADJUSTING DEVICE FOR INDOOR LIGHT CONTROL.

IPC: H 05B 1/00

1006512

Abstract: In this invention, a new type of energy saving smart light control device has been presented that is capable of maintaining a desired light level in a room using ambient and artificial light. Unlike light intensity controlling mechanism of conventional smart light control system, this newly developed system is able to divide a large room into several zones; can monitor and control the number of lights for each zone according to the occupancy and desired brightness. An in-house microcontroller coding written in Flowcode version 8.0 software is incorporated in this device along with light intensity sensor, occupancy sensor, relays with driver unit, LCD display etc. To develop the control circuit, printed circuit board (PCB) layout has been designed using ExpressPCB version 7.5.0. The microcontroller unit reads the data from light intensity sensor periodically, processes it and compares that data to a pre-defined data chart to make a decision about the number of bulbs needed to be switched ON in a particular zone to maintain the desired brightness. The system automatically switches OFF all the bulbs when there is nobody in the zone. By this way, this smart system is able to reduce ~44% of power waste in comparison to the conventional manual light control system.

14/ 2020 Indigo Mill Designs, Inc., Nationality: A Corporation Incorporated in USA, (whose legal address is 380 Tharpe Mill Road, Ronda 28670 NC, United States of America)
Priority: US 62/793,045
Dated: 16/01/2019

Systems And Methods For Preparing Deoxygenated Dye Compositions.

IPC: D 06P 1/22, 1/96

1006477

Abstract: Systems and methods are described whereby a deoxygenated liquid dye material is made by supplying the deoxygenated inert gas to a liquid dye material that is susceptible to oxidation, and mixing the liquid dye material in the presence of the supplied deoxygenated inert gas with water and at least one dye formulation component selected from the group consisting of reducing agents, pH adjusters, foaming agents, wetting agents and auxiliary chemicals to form a deoxygenated aqueous dye composition having an oxygen content of 30 ppm oxygen or less. A supply of inert gas may be provided which is then passed to a gas purifier to reduce oxygen content in the inert gas to, e.g., 1 ppb oxygen or less. The deoxygenated aqueous dye composition that is formed may have an oxygen content of 1 ppm or less.

35/ 2020 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 62/803,906
Dated: 11/02/2019

MULTI-CONNECTIVITY IN A WIRELESS COMMUNICATION NETWORK.

IPC: H 04W 76/16

1006468

Abstract: A radio network node receives a message that includes a New Radio, NR, neighbour information Information

Element, IE. The NR neighbour information IE indicates that an NR cell neighbouring a served cell can provide dual connectivity together with the served cell. The radio network node may performtraffic steering based on the NR neighbour information IE. The radio network node may for example steer wireless devices capable of dual connectivity to the served cell and/or steer wireless devices not capable of dual connectivity to a different cell.

36/ 2020 YKK CORPORATION, a corporation organized and existing under the laws of Japan, (whose legal address is 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan) Priority: JP PCT/JP2019/004350 Dated: 07/02/2019

CONCEALED-SLIDE-FASTENER SLIDER.

IPC: A 44B 19/306

1006469

Abstract: An object of the present invention is to lock a front-rear position of a body when a pull is in a lying posture, release the locking when the pull is in an upright posture, and minimize damage dealt to a pair of fabrics. A concealed-slide-fastener slider of the present invention directionfrom upper end portions of the pair of the side plates; and a raised portion raised upward from the upper wing plate. The body cooperates with the lock member to form a pull attachment portion. The pull attachment portion includes: a shaft hole that penetrates in the left-right direction. A lower surface of the shaft hole includes an upper surface of the raised portion and is positioned above upper surfaces of the pair of flanges. A pair of fabric accommodating space portions, which accommodate a pair of fabrics fixed to upper sides of the pair of tapes and is partitioned by the raised portion in the left-right direction, is formed between the pull in a rearward lying posture and the pair of flanges in an upper-lower direction.

38/ 2020 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 201941009236 Dated: 09/03/2019

FUEL INJECTION SYSTEM FOR A VEHICLE.

IPC: F 02M 21/02

1006503

Abstract: The present disclosure describes a fuel injection system for a bi-fuel engine of a vehicle. The fuel injection system includes an air control valve configured with a liquid fuel bowl, an intake pipe, one or more first sensors, a fuel injector, and a second sensor. The air control valve includes an entry port and an exit port, the entry port is connected to an air filter to receive air supply. The intake pipe includes a first end and a second end, the first end is connected to the exit port of the air control valve, and the second end is connected to an intake port of the engine. The one or more first sensors are disposed on the air control valve. The fuel injector is disposed on the second end of the intake pipe; and the second sensor is disposed on at least a portion between the first end and the second end of the intake pipe.

42/ 2020 NEC Corporation, A Corporation Incorporated in Japan, (whose legal address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan)
Priority: JP PCT/JP2019/005523
Dated: 15/02/2019

Optical Fiber Sensing System, Action Specifying Apparatus, Action Specifying Method, And Computer Readable Medium.

IPC: G 08B 13/02, G 08H 9/00

1006505

Abstract: An optical fiber sensing system according to the present disclosure includes: a cable including optical fibers; a reception unit configured to receive, from at least one optical fiber included in the cable, an optical signal on which a vibration detected in each of a plurality of locations on the cable is superimposed; and an action specifying unit configured to specify, based on the optical signal, a location on the cable in which the vibration has been detected and specify an action of a target to be monitored which has caused the vibration, in which the action specifying unit specifies a detection pattern that is used to specify the action of the target to be monitored depending on the environment of the location on the cable in which the vibration has been detected.

45/ 2020 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 62/805,140
Dated: 13/02/2019

MBSFN SUBFRAME USAGE FOR LTE-NR SPECTRUM SHARING.

IPC: H 04W 16/14

1006486

Abstract: A method and apparatus are disclosed for LTE-NR spectrum sharing. In one embodiment, a method for a wireless device (WD) includes obtaining a configuration of at least one reference signal of a first radio access technology that overlaps in time with a Multimedia Broadcast Multicast Service Single Frequency Network, MBSFN, sub frame of a second radio access technology. In another embodiment, a method for a network node includes configuring at least one reference signal of a first radio access technology to overlap in time with a MBSFN sub frame of a second radio access technology.

56/ 2020 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 201941011379
Dated: 24/03/2019

A VEHICLE WITH AN ELECTRIC PRIME MOVER.

IPC: B 60R 1/00

1006487

Abstract: The following invention relates to a footrest assembly provided for a two-wheeled vehicle. As per the present subject matter, the two-wheeled vehicle comprises of a support element partially attached to a side panel and a step through portion of the vehicle. The footrest assembly is attached to the support element, and the support element comprises of a recess in which the footrest assembly is perfectly accommodated in a closed condition. The footrest assembly makes an angle of not more than 45 degrees with respect to the ground in a closed condition. The footrest assembly comprises of a top surface and a bottom surface, wherein in a closed condition of said footrest assembly the bottom surface lies in a same plane as that of the side panel. In addition to it, the support element extends along a plane AA', and in an open condition of the footrest assembly the top surface also lies in the same plane AA' as that of the support element.

58/ 2020	Nokia Technologies OY, A Company Incorporated in Finland, (whose legal address is Karakaari 7, Espoo 02610, Finland) Priority: CN PCT/CN2019/075493 Dated: 19/02/2019	Communicating Between A Terminal And A Wireless Network Node. *IPC:* H04W 25/05 **1006488** **Abstract:** An apparatus comprising means for: sending an uplink message (MsgA) in a two-step random access procedure; receiving a downlink reply message (MsgB) in the two-step random access procedure, the received downlink reply message comprising an identifier for the apparatus; and sending an uplink acknowledgement message using a PUCCH resource determined by a PUCCH resource index wherein the PUCCH resource index is dependent upon, at least, a PUCCH resource indicator (PRI) and the identifier of the apparatus.
77/ 2020	Maharashtra Hybrid Seeds Company Private Limited, an Indian company, (whose legal address is Jalna – Aurangabad Road, Post Box No. 76, Dawalwadi, Jalna-431203, Maharashtra, India) Priority: IN 201921008542 Dated: 05/03/2019	BRINJAL (SOLANUM MELONGENA) EVENT MAH-45151 AND COMPOSITION AND METHOD OF DETECTION. *IPC:* C 07K 14/325, C 12N 15/82 **1006504** **Abstract:** The invention provides brinjal event MAH-45151, and plants, plant cells, seeds and plant parts comprising event MAH-45151 which confers resistance to Lepidopteran insect damage. The invention also provides nucleic acid sequences specific for event MAH-45151 and plants, plant cells, seeds and plant parts comprising nucleic acids specific for event MAH-45151. This invention also provides methods for detection the presence of the event MAH-45151 based on DNA sequence of the recombinant construct inserted into the brinjal genome that resulted in the MAH-45151 event and/or the genomic sequences flanking the insertion site.
78/ 2020	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 62/828,322 Dated: 02/04/2019	METHODS PROVIDING ACK/NACK FEEDBACK BASED ON REFERENCE SIGNAL RECEIVED POWER AND RELATED WIRELESS DEVICES. *IPC:* H 04L 1/18 **1006471** **Abstract:** A method is provided to operate a first wireless device associated with a group including the first wireless device and a second wireless device. A data packet is received from the second wireless device of the group. A reference signal received power RSRP is measured based on a reference signal received from the second wireless device of the group. It is then determined whether or not to transmit Acknowledgement/Negative ACK/NACK feedback for the data packet based on a comparison between the RSRP and an RSRP threshold. Related wireless devices, computer programs, and computer program products are also discussed.

91/ 2020 | 9449710 CANADA INC, a company organized and existing under the laws of Canada, (whose legal address is 480 Fernand-Poitras Street, Terrebonne, QC J6Y 1Y4, Canada) Priority: US 62/821,270 Dated: 20/03/2019

PROCESS FOR THE DEPOLYMERIZATION OF POLYETHYLENE TEREPHTHALATE (PET).

IPC: C 07C 27/02, 67/03

1006516

Abstract: The present disclosure relates to the formation of dimethyl terephthalate and mono ethylene glycol. The present invention also relates to the depolymerization of polyethylene terephthalate and the recovery of dimethyl terephthalate and mono ethylene glycol using sodium methoxide as a catalyst.

92/ 2020 | 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 62/847,007 Dated: 13/05/2019

REPORTING FOR MU-MIMO USING BEAM MANAGEMENT.

IPC: H 04B 7/06, 7/452

1006495

Abstract: A UE receives channel and interference measurement resources, determines one or more throughput values for candidate beam pairs based on power determinations, and reports its beam pair preferences to a node.

94/ 2020 | SICPA HOLDING SA., a company organized and existing under the laws of Switzerland, (whose legal address is Avenue de Florissant 41 1008 Prilly, Switzerland) Priority: EP 19177006.4 Dated: 28/05/2019

SECURITY INKS AND MACHINE READABLE SECURITY FEATURES.

IPC: B 42D 25/373, 25/382, 25/387

1006507

Abstract: The present invention relates to the field of security inks suitable for printing machine readable security features on substrate, security documents or articles as well as machine readable security feature made from said security inks, and security documents comprising a machine readable security feature made from said security inks. In particular, the invention provides security inks comprising one or more IR absorbing materials wherein said security ink allows the production of a machine readable security feature having the following optical properties: a lightness L* equal to or higher than about 80, a chroma C* smaller than or equal to about 15 and a reflectance at 900 nm smaller than or equal to about 60%.

99/ 2020 | Nokia Technologies OY, Nationality: A Company Incorporated in Finland, (whose legal address is Karakaari 7, Espoo 02610, Finland) Priority: CN PCT/CN2019/080253 Dated: 28/03/2019

Mechanism For First Random Access Mode Falling Back To Second Random Access Mode.

IPC: H 04W 74/06

1006506

Abstract: Embodiments of the present disclosure relate to mechanism for first random access mode falling back to second random access mode. According to embodiments of the present disclosure, the fall back to second random access mode is indicated in message B and the user equipment only needs to monitor the message B for the quick mode on the downlink

control signal which is addressed to an identifier. The user equipment does not need to monitor the downlink control channel for the second random access mode. In this way, the user equipment is allowed to fall back to the second random access mode without further retry of the quick node, thereby reducing overload and latency.

104/ 2020 SICPA HOLDING SA., a company organized and existing under the laws of Switzerland, (whose legal address is Avenue de Florissant 41 1008 Prilly, Switzerland) Priority: EP 19192040.4 Dated: 16/08/2019; EP 20163879.8 Dated: 18/03/2020 and US 62/874,158 Dated: 15/07/2019

Method for Manufacturing Surface Enhanced Raman Spectroscopy Tags.

IPC: B 01J 13/00, G 01N 21/00

1006496

Abstract: The present invention relates to the field of methods of manufacturing of surface enhanced Raman spectroscopy (SERS) tags. The manufacturing method according to the present invention is reproducible and versatile and enables the production in an expedient manner of high quantities of SERS tags characterized by a narrow size distribution and a high ratio of low-number aggregates. SERS tags manufactured by the inventive manufacturing method described herein provide increased ensemble SERS responses.

115/ 2020 SANTEX RIMAR GROUP S.R.L., Nationality: a company incorporated under the laws of Italy, (whose legal address is Località Colombara, 50, I-36070 Trissino, VICENZA, Italy)
Priority: IT 102019000006463 Dated: 30/04/2019

LINKING MACHINE COMPRISING A GUIDE FOR CORRECTLY POSITIONING A SINGLE COLLAR AND A PIECE OF KNITWEAR WITH RESPECT TO ONE ANOTHER.

IPC: D 05B 35/06, 7/00

1006501

Abstract: Linking machine for linking a piece of knitwear and a collar to one another, which are initially separated, comprising:- a fixed unit comprising a support frame and a device for feeding the piece of knitwear and/or the collar in a longitudinal direction, - and a mobile unit, comprising:- a needle equipped with a related device for operating said needle in a vertical direction, which is perpendicular to the longitudinal direction, to perform the linking, characterized in that the linking machine comprises a guide configured to align a collar seam line with a nape seam line of the piece of knitwear and with a neck seam line of the piece of knitwear, said guide comprising a plate having at least one stop for the piece of knitwear, which is arranged in a direction that is substantially parallel to said longitudinal direction so as to allow the alignment of the piece of knitwear in parallel with the stop itself, and a fold on a corner of the plate, which is arranged upstream of said at least one stop with respect to a feeding direction of the piece of knitwear, said fold helping to unroll the nape edge where the collar joins.

124/ 2020 LAKSHMI MACHINE WORKS LIMITED, a company organized and existing under the laws of India, (whose legal address is Perianaickenpalayam, Coimbatore, Tamilnadu-641020, India) Priority: IN 2019 41017997
Dated: 06/05/2019

YARN SUCTION ARRANGEMENT FOR PIECING UNIT OF A TEXTILE MACHINE.

IPC: D 01H 15/013

1006478

Abstract: A nautomaticpiecing unit for piecing broken yarns in a ring spinning machine is disclosed. A suction assembly for sucking a broken yarn end from a cop is provided. The suction

assembly comprises a suction pipe having a suction mouth present at an end facing the cop. The suction pipe is positioned at a predetermined height over the cop, to suck the broken yarn end from the cop. A first venturi jet is affixed with the suction mouth to receive compressed air from a pressure supply port. Movement of the compressed air through a constricted section of the first venturi jet creates vacuum in the suction mouth to suck the broken yarn end from the cop into the suction pipe.

125/ 2020 Saurer Intelligent Technology AG, a company organized and existing under the laws of Switzerland, (whose legal address is Textilstrasse 2, 9320 Arbon, Switzerland)
Priority: DE 10 2019 110 880.2 Dated: 26/04/2019

Carrying device for an apron drafting system.

IPC: D 01H 5/86

1006498

Abstract: The present invention relates to an apron drafting system for a spinning machine as well as a carrying device for an apron drafting system of a spinning machine, with a first and a second support, each of which is configured for detachably accommodating an apron bridge and/or for rotatably bearing a drawing roller. In order to provide a carrying device for an apron drafting system as well as an apron drafting system of a spinning machine, which enable an apron to be changed quickly, there is provision with the carrying device for the first support to have a base element and a guide section detachably connected to the base element and having a bearing opening for rotatably bearing the drawing roller as well as a first mounting opening for accom-modating a first bearing section of the apron bridge.

126/ 2020 Saurer Intelligent Technology AG., a company organized and existing under the laws of Switzerland, (whose legal address is Textilstrasse 2, 9320 Arbon, Switzerland)
Priority: DE 10 2019 110731.8 Dated: 25/04/2019

Suction channel end part, production method and drafting system comprising such a suction channel end part.

IPC: D 01H 5/66

1006499

Abstract: The present invention relates to a suction channel end part for removing fiber flight in the region of a drafting system by the application of negative pressure, the suction channel end part comprising a first component, to which negative pressure can be applied and which has an inlet and an outlet communicating with the inlet. The suction channel end part is characterised in that the suction channel end part has a second component, which is designed as a cover element and to which negative pressure can be applied and which can be exchangeably connected to the first component. The second component has an opening, which, in the joined state of the suction channel end part, forms a suction port, which communicates with the inlet and via which the fiber flight can be removed into the suction channel end part when a negative pressure is applied.

127/ 2020 Saurer Intelligent Technology AG, a company organized and existing under the laws of Switzerland, (whose legal address is Textilstrasse 2, 9320 Arbon, Switzerland)
Priority: DE 10 2019 110881.0 Dated: 26/04/2019

An Apron drafting system for a spinning machine.

IPC: D 01H 1/115, 5/26, 5/44, 5/72

1006479

Abstract: The present invention relates to an apron drafting system for a spinning machine, in particular an air spinning

machine, with a bottom apron guided over a drivable bottom roller, the bottom apron being supported in the area of a drawing zone, in particular a main drawing zone, by a sliding section of an apron bridge. In order to provide an apron drafting system in which reliable guidance of the bottom apron is ensured while maintaining a high drive power, there is provision for the apron bridge for guiding the bottom apron to have a line section with guiding means for lateral guidance of the bottom apron circulating around the apron bridge.

130/ 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: DE 10 2019 111775.5 Dated: 07/05/2019

A METHOD FOR CONTROLLING A SERVICE UNIT PERFORMING SERVICE ACTIVITIES AT A WORKSTATION OF A TEXTILE MACHINE.

IPC: D 01H 15/013

1006480

Abstract: The present invention concerns a service unit as well as a method for controlling a service unit performing various service activities at one workstation on a textile machine having several workstations, in which case the service activities and movement orders to be carried out by the service unit are prioritised by a controller unit. In order to provide a method for controlling a service unit performing various service activities and movement orders as well as a service unit with a controller device for carrying out movement orders and service orders, which enable adjustment and maintenance work to be carried out quickly on the service unit,there is provision for avoidance manoeuvres and parking orders to be carried out with the highest priority and manually set service activities and movement orders to be carried out with high priority.

132/ 2020 Saurer Spinning Solutions GmbH & Co. KG, a company organized and existing under the laws of Germany, (whose legal address is Carlstr. 60, 52531 Uebach-Palenberg, Germany) Priority: DE 102019 113977.5 Dated: 24/05/2019

Method for monitoring air flows required for handling a thread and/or fibre band and spinning machine unit.

IPC: D 01H 13/16, 13/32

1006481

Abstract: The present invention relates to a method (100) for monitoring air flows required for handling a thread and/or fibre band in a spinning machine having a plurality of spinning positions, and to a spinning machine unit for carrying out the method. At least one air flow-generating source is associated with the spinning machine and is connected to an air flow duct in an air flow-communicating manner, the air flow duct having an air flow main duct, coupled to the source in an air flow-communicating manner, and a plurality of air flow branch ducts branching off from the air flow main duct, each branching off to a spinning position for supplying the air flow to the spinning positions' handling units for handling a thread or fibre band. The spinning machine is allocated an evaluation device for evaluating measurement data and a detection unit for detecting productive and/or non-productive spinning positions and/or handling units, the detection unit being connected to the evaluation device for data transmission. The invention is characterised in that an air volume flow measuring unit is provided which is arranged in the air flow main duct between the source and the air flow branch duct nearest to the

source along the air flow path, the air volume flow measuring unit being connected to the evaluation device for data transmission. The air volume flow is measured by means of the air volume flow measuring unit and the measurement result is transmitted to the evaluation device. Furthermore, the number of productive and/or non-productive spinning positions is detected by means of the detection unit at the time of the air volume flow measurement and transmitted to the evaluation device. An air volume flow target value is determined by means of the evaluation device depending on the number of detected productive and/or non-productive spinning positions, the air volume flow target value cor-responding to a total air volume flow requirement of the spinning positions which are productive at the time when the measurement is taken. The air volume flow target value is then compared with the actual value of the measured air volume flow by means of the evaluation device, the evaluation device making an evaluation on the basis of the comparison as to whether there is an unacceptable deviation between the actual value and the air volume flow target value.

134/ 2020 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 62/829,973
Dated: 05-04-2019

SELECTING A NON-TERRESTRIAL NETWORK BASED PUBLIC LAND MOBILE NETWORK.

IPC: H 04B 7/185, H 04W 48/18

1006515

Abstract: A wireless device, UE, in a communication network receives satellite positioning information and a list of a plurality of different types of measurements to perform to find a public land mobile network, PLMN, to select. The UE performs the plurality of different types of measurements on a frequency associated with a found PLMN to generate a plurality of measurement results. The UE determines, based on the plurality of measurements results, whether a high-quality indication should be provided to a non-access stratum, NAS. Responsive to determining that the high-quality indication should be provided, the UE provides the high quality indication and an identification of the found PLMN to the NAS.

136/ 2020 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/CN2019/092828
Dated: 25-06-2019 and CN PCT/CN2020/087294
Dated: 27-04-2020

METHOD AND APPARATUS FOR SUPPORTING TRANSMISSION ADAPTATION.

IPC: H 04W 72/04

1006502

Abstract: Various embodiments of the present disclosure provide a method for supporting transmission adaptation. The method which may be performed by a terminal device comprises receiving, from a network node, signaling information indicating an adjustment amount of a parameter for a transmission from the terminal device to the network node. The transmission is based at least in part on a semi-static scheduling configuration for the terminal device by the network node. According to the embodiments of the present disclosure, the transmission adaptation for uplink transmission with semi-static scheduling configuration can be implemented flexibly and efficiently.

142/ 2020 KORTUC Inc., Nationality: A Company Incorporated in Japan, (whose legal address is Dock-Kamiyacho, Shiroyama Trust Tower, 4F, 4-3-1 Toranomon, Minato-ku, Tokyo 1056004, Japan) Priority: JP 2019-078110 Dated: 16-04-2019

HYDROGEN PEROXIDE SOLUTION-PREFILLED GLASS SYRINGE WITH OIL COMPOSITION INCLUDING SILICONE OIL.

IPC: C 01B 13/00, 15/037

1006517

Abstract: A syringe that suppresses decomposition of hydrogen peroxide is provided. An object of the present invention is to provide a pre-filled syringe having at least a barrel thereof made of glass, including: a hydrogen peroxide solution therein; and an oil composition applied to an inner wall of the barrel, the oil composition containing silicone oil.

161/ 2020 LAKSHMI MACHINE WORKS LTD., a company organized and existing under the laws of India, (whose legal address is Perianaickenpalayam, Coimbatore 641 020, Tamil Nadu, India) Priority: IN 201941022424 Dated: 06-06-2019

LAPPET TILTING APPARATUS FOR AUTOMATIC YARN PIECING ASSEMBLY.

IPC: D 01H 15/00

1006508

Abstract: The automatic yarn piecing assembly, according to the present invention comprises a yarn pickup module mounted on a vertical column and being capable of sliding in vertical and horizontal direction. A suction bell unit is mounted on the yarn pickup module. The suction bell unit includes an elbow tubular arrangement that has a first end and a second end, wherein the first end is connected to a vacuum source, and the second end has a suction bell. The automatic yarn piecing assembly comprises a lappet tilting apparatus provided on the second end of the elbow tubular arrangement such that said lappet tilting apparatus encircles the suction bell and capable of sliding over the elbow tubular arrangement. The lappet tilting apparatus makes impermanent slippery contact with a lappet hook during tail yarn pickup in a piecing operation.

162/ 2020 TOYO ENGINEERING CORPORATION, a company organized and existing under the laws of Japan, (whose legal address is 1-5-1, Marunouchi, Chiyoda-ku, Tokyo 100-6511, Japan) Priority: JP 2019-109185 Dated: 12-06-2019

CHUTE TUBE FOR TRANSFERRING PARTICLES.

IPC: B 65D 15/00

1006513

Abstract: A chute tube for facilitating particle transfer and distribution is provided. A chute tube for transferring particles having a charging chute tube 10 having a charge inlet 11 of particles, a discharging chute tube 35 and an intermediate chute tube 20 slantingly connected between the charging chute tube 10 and the discharging chute tube 35, wherein the intermediate chute tube 20 includesa groove 23 without steps formed by a combination of a first inclined surface 21 and a second inclined surface 22 and the groove 23 is of a cross-sectional shape corresponding to two adjacent sides of a triangle.

163/ 2020 Saurer Czech s.r.o., a company organized and existing under the laws of Czech Republic, (whose legal address is Jugoslávská 15, 547 01 Náchod, Czech Republic) Priority: EP 19180490.5 Dated: 17-06-2019

SPINNING ROTOR ASSEMBLY WITH TWO-SIDED BRAKE LEVER.

IPC: D 01H 4/12

1006482

Abstract: The invention relates to aspinning rotor assembly for a rotor spinning machine as well as a rotor spinning

machine. To propose arotor assembly of a rotor spinning machine which can be securely operated, in particular to avoid an injury of a user operating the rotor spinning machine and to prevent materials in the environment of the rotor spinning machine from being entangled in the fast-rotating spinning rotor, the spinning rotor assembly comprises a spinning rotor fixed to a spinning rotor shaft, the spinning rotor shaft being rotatably mounted to a housing of the spinning rotor assembly by at least one bearing unit, wherein the spinning rotor assembly is movable, in particular pivotally between a first and a second position, and wherein a rotor brake for braking the spinning rotor is pivotally mounted to the housing, so that the rotor brake is automatically engaged when the spinning rotor assembly is moved, in particular pivoted from the first to the second position.

164/ 2020

Sanko Tekstil Isletmeleri Sanayi Ve Ticaret Anonim Sirketi, A company organized and existing under the laws of Turkey, (whose legal address is 3. Organie Sanayi Bölgsi, 83304 Nolu Cad. No: 2, Sehitkamil, 27500 Gaziantep, Turkey)
Priority: EP 19179150.8
Dated: 07-06-2019

Ring spinning system for producing a yarn and method for stopping the supply of filaments to a drafting stage of a ring spinning system.

IPC: D 01H 1/02, 13/04, 13/16, D 02G 3/32

1006483

Abstract: The present invention provides a ring spinning system for producing a yarn. It is an object of the present invention to provide a ring spinning system, wherein upon detection of a breakage of the first and/or second filament and/or the roving which comes out of the drafting stage, the problem of damaging the system is reduced while a reconnection of the broken filaments is facilitated. Therefore it is provided a the ring spinning system comprising a bobbin holder for holding a bobbin from which a first filament is supplied, a drafting stage for drafting the first filament together with a second filament, which is fed to the drafting stage, and a spindle, the ringspinning system further contains at least one sensor for detecting a breakage of the first and/or second filament and/or a roving comprising the first and second filament, which roving comes out of the drafting stage, and a clamp assembly comprising a clamp for fixing the second filament in the case that the sensor detects the breakage, wherein the clamp is provided adjacent the bobbin holder. It is further provided a method for stopping the supply of filaments to a drafting stage of a ring spinning system.

166/ 2020

Sanko Tekstil Isletmeleri Sanayi Ve Ticaret Anonim Sirketi., a company organized and existing under the laws of Turkey, (whose legal address is 3. Organie Sanayi Bölgsi, 83304 Nolu Cad. No: 2, Sehitkamil, 27500 Gaziantep, Turkey)
Priority: EP PCT/EP2020/054686
Dated: 21-02-2020

TRANSPORT UNIT FOR COILS, AND ARRANGEMENT COMPRISING THE TRANSPORT UNITS.

IPC: B 65D 19/24, 71/00

1006484

Abstract: The present invention relates to a transportation unit 15 for transporting a plurality of coils 3, 3. This transportation unit provides an easy transportation and an easy to handle system wherein the respective load of coils which can be shipped can be increased. The transportation unit 15 comprises a palette 7, and a plurality of bags 1 stacked in layers on the palette 7, wherein each of the bags 1 contains a plurality of coils 3, 3′ arranged in a first layer 4 such that centers 5 of the coils 3, 3′ in the first layer 4 are arranged parallel with respect to each other such that an axial direction of the center 5 of each coil 3, 3′ in the first layer 4, 4′s approximately perpendicular to an extension direction of the palette 7. Further the present invention relates to an assembly comprising a plurality of transport units 15.

170/ 2020 Saurer Czech s.r.o., a company organized and existing under the laws of Czech Republic, (whose legal address is Jugoslávská 15, 547 01 Náchod, Czech Republic)
Priority: EP 19180484.8
Dated: 17-06-2019

ROTOR GUARD RING FOR A ROTOR SPINNING MACHINE.

IPC: F 04D 12/13

1006514

Abstract: The invention relates to a guard ring for a rotor spinning machine, a spinbox for a rotor spinning machine as well as a rotor spinning machine. To propose a device to protect a spinning rotor of a rotor spinning machine from particles originating from a damaged bearing unit, to prevent lubricant from a bearing unit of a rotor assembly from contaminating a spinning rotor as well as to protect the fibre material or the roving supplied to the spinning rotor and the yarn or the thread produced by the spinning rotor from being contaminated by lubricant of the bearing unit, the guard ring comprises a front plate section with a hub opening for the guard ring to be arranged on a spinning rotor shaft of the rotor spinning machine between a spinning rotor and a bearing unit, wherein the guard ring is built as a separate part from the spinning rotor, the spinning rotor shaft and the bearing unit, and wherein the guard ring is provided to protect the spinning rotor from lubricant of the bearing unit and/or from mechanical damage due to wearing or damage of the bearing unit.

171/ 2020 Saurer Czech s.r.o., a company organized and existing under the laws of Czech Republic, (whose legal address is Jugoslavska 15, 547 01 Nachod, Czech Republic) and AND SAURER ECHNOLOGIES GMBH & CO.KG,, a company organized and existing under the laws of Germany, (whose legal address is WEESERWEG 60, 47804, KREFELD, Germany)
Priority: EP 19180477.2
Dated: 17-06-2019

DIVIDED HOUSING WITH A ROTOR ASSEMBLY FOR PRECISE ADJUSTMENT OF A ROTOR SPINNING MACHINE.

IPC: D 01H 4/10

1006489

Abstract: The invention relates to a divided housing with a rotor assembly of a rotor spinning machine as well as a method for installing a rotor assembly in a housing of a rotor spinning machine. To propose a housing with a rotor assembly of a rotor spinning machine which allows a particular precise adjustment of the spinning rotor position, in particular in an axial direction of the rotor shaft, and which significantly reduces the forces due to vibrations or imbalances and accordingly reduces the wear of the rotating parts and in particular the rotor shaft bearing substantially, the divided housing with a rotor assembly has a rotor assembly comprising a spinning rotor, a rotor shaft and at least one rotor shaft bearing, and the housing comprises a rotor section and a bearing section, the rotor section surrounding the spinning rotor and the bearing section enclosing at least a part of the rotor shaft as well as at least one rotor shaft bearing, wherein in the bearing section the housing is at least partially divided parallel to a longitudinal housing axis into two separate parts, the first part being a housing body extending over the rotor section as well as the bearing section and the second part being a housing cap closing an open part of the housing body in the bearing section.

172/ 2020 Saurer Intelligent Technology AG, a company organized and existing under the laws of Switzerland, (whose legal address is Textilstrasse 2, 9320 Arbon, Switzerland)
Priority: DE 10 2019 115905.9
Dated: 12-06-2019

A DRAFTING SYSTEM UNIT AND A WEIGHTING ARM THEREOF.

IPC: D 01H 5/56, 5/74

1006490

Abstract: The present invention relates to a drafting system unit having a weighting arm and to a weighting arm for a

drafting system unit for drafting a fibre band at a workstation of a textile machine, said weighting arm comprising a support arm and a top roller body, which is detachably mounted on a retaining device connected to the support arm. In order to provide a drafting system having a weighting arm and to provide a weighting arm for a drafting system unit for drafting a fibre band at a workstation of a textile machine, which drafting system and weighting arm can, in a user-friendly manner, be inspected, repaired and/or adapted to the fibre band material to be drafted and in particular allow the top roller bodies to be easily replaced, there is provision for the top roller body to have an actuation section, which protrudes beyond the support arm in the longitudinal axis direction of the top roller body.

184/ 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: DE 102019 116627.6 Dated: 19-06-2019

A TEXTILE MACHINE WITH A PLURALITY OF WORKSTATIONS AND A SERVICE UNIT FOR MAINTENANCE OF THE WORKSTATION.

IPC: D 01H 13/26, 13/32, 4/42

1006500

Abstract: The present invention relates to a method for monitoring a textile machine having a plurality of workstations and to a textile machine having a plurality of workstations, more particularly spinning positions, the textile machine comprising: a textile machine control unit, which is designed to capture different production figures of the individual workstations and to check whether the production figures exceed specified limit values; an input unit for inputting the limit values and selecting at least one production figure to be checked out of the set of production figures to be checked; and an indicating unit, which is connected to the textile machine control unit in order to optically output the result of the check of the at least one selected production figure to be checked for exceeding the allocated, specified limit value. In order to provide a method for monitoring a textile machine having a plurality of workstations and a textile machine having a plurality of workstations, said method and said textile machine enabling quick detection and identification of workstations whose production figures exceed specified limit values, the indicating unit has a plurality of signal units, which are arranged on the textile machine control unit and/or the workstations in question, are associated with the individual workstations and are designed in such a way that the result of the check of the at least one selected production figure to be checked for exceeding the allocated, specified limit value is indicated by means of different light signals.

201/ 2021	EQUAL ENGINEERS & CONSULTANTS, a company organized & existing under the laws of Bangladesh, (whose legal address is 97/3, Sabujbagh, Bashabo, Dhaka- 1214, Bangladesh)	STATIC LOAD BEARING STRUCTURAL HELICAL SCREW PILE COMPRISING MULTIPLE HELIXES. *IPC:* E 04C 1/00 **1006509**

Abstract: The present invention relates to multi-helical screw pile assemblies for use as a ground anchor by piling and screwing into the ground. The screw pile comprises of a longitudinal shaft with multiple helical screw plates of uniform or variable diameter mechanically engaged along the shaft. The distance between the lower plate and the plate directly above can vary depending on the soil type and diameter of the helical plates. This invention has particular application for providing load bearing piles for towers, poles, buildings or other structures.

Alaya Khatun
Deputy Registrar.