রেজিস্টার্ড নং ডি এ-১

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

বাংলাদেশ গেজেট

কর্তৃপক্ষ কর্তৃক প্রকাশিত

বৃহস্পতিবার, নভেম্বর ২৫, 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 the Paris Convention.

177/2019	GROZ-BECKERT KOMMANDITGESELLSCHAFT, a company organized and existing under the laws of Germany, (whose legal address is Parkweg 2, 72458 Albstadt., Germany) Priority: EP 18184119.8 Dated: 18-07-2018	Machine-knitting tool, Particularly machine-knitting needle for use in a circular knitting machine. IPC: D 04B 15/10, 15/20, 35/04 **1006430** **Abstract:** The invention refers to a machine-knitting tool and particularly to a machine-knitting needle with a shank part extending in a length direction that comprises a contact surface at the lower side. Outside an end section configured for loop formation the contact surface extends continuously in a plane to the transition to the back end of the shank part opposite the front end section. Between a front guide section and a back guide section a butt section with a butt is present. In each guide section a guide cantilever is present that extends away from the shank part in height direction and limits a gap between a cantilever leg of the guide cantilever and a section of the shank part that is arranged below.
225/2019	Grzegorz MALEWICZ, Nationality: USA, (whose legal address is Alabastrowa 56, 25753 Kielce, Poland) Priority: US 62758710 Dated: 12-11-2018	A Method and an Apparatus for Searching or Comprising Sites Using Routes or Route Lengths Between Sites & Place within a Transportation System. *IPC*: G 06F 16/29, G 06Q 50/14, 50/16, 50/30 1006443 **Abstract:** Embodimen tsrelatetosear chingor comparing site. One embodimen tisarealestate search-or compare method based on commute durations. Theme thode ciently processes public transportation and realest ateproperty data to compute the duration soft ravel between there alestatepr opertiesand the vehicle stops. These durations arestored. A request frame work is in produced that allows to express a wideran geofsearch-or-comparerequests. During request processing, the method identies parts of the commutepaths-that depend on any real esta-teproperty. Because edurations for these parts were pre computed and stored, the method can determine commute dura tions to every real estate propertyin as calable manner. As aresult, the method rapidly responds to requests with in the reales tatemarket of one of the largest metropolitan are asinexis tencetoday. Other embodiment sinclude: searchingor comparing based on amonetar ycost, transportation using privatecars, and site other than realest a teproperties. Acomputer system and a computers ervicealso embody theme thod.
255/2019	SEM Waves Ltd, a British Limited Company, (whose legal address is 28 Islip Gardens, Northolt, UB5 5BX, United Kingdom) Priority:	A SELF-CONTAINED GREEN POWER GENERATION SYSTEMS FOR ALL WEATHER CONDITIONS. IPC: F 03B 13/00, F03D 9/25, H 02S 10/12 1006426 **Abstract:** The invention provides a self-contained power generation system for all weather conditions combining 3 renewable energy sources to generate electricity to any location even to remote places which are not connected to the national grid including but not limited to hilly areas, islands and rural

areas. The plant can generate electricity not only on a sunny day using solar power but also on those rainy days which are typical to countries which experience monsoon weather. The plant can generate electricity on a rainy day by harvesting rain water, which is a major limitation of the more typical solar home system. More specifically, the disclosed invention presents the new power plant for remote areas the includes the hydroelectric power plant operating together with the photovoltaic and wind power plant and it will use solar and wind energy as input for the production of hydro and electrical energy. The photovoltaic power plant transforms solar energy into electric energy which satisfies the load demand during day time and pumps water from the base reservoir to the reservoir located at higher levels. Water from the upper reservoir is then used in the hydro-turbine generator for production of electric energy which is required for fulfilling night time load demand. Actually, the upper reservoir serves as a daily and seasonal storage of energy generated by the PV power plant during sunny weather. Thus the proposed system solves the energy storage problem related to conventional solar power plants and paves the way to wider use of solar energy. In addition to that an extensive rainwater harvesting system will be installed to generate electricity during a rainy day. An extended area will be built to collect the rainwater in a tank (upper reservoir). The rain collection area will be expanded by extending corrugated iron or plastic sheet around all the four side of the tank. The collected rainwater will then be transferred to the upper reservoir through a channel. A wind turbine would also support the energy demand when the other source of energy is limited. Wind power depends on amount of air (volume), speed of air (velocity), mass of air (density) flowing through the area of interest. Wind turbine use both lift and drag forces generated when wind exposed onto the blades to drive the turbines and therefore to generate electricity. In Bangladesh the wind power is relatively strong in the spring and summer season and can generate substantial amount of power when there is not enough sunshine and there is extra demand for fans due to extreme heat in that period. The proposed power plant is sustainable in every location as long as there is solar radiation and elevation and it does not have any negative impact on the environment as it generates electricity depending exclusively on the exploitation of renewable energy sources. The operation and production of hydroelectric power plant are very flexible and can be adjusted easily according to the load demand whereas the generation of solar energy plant depends entirely on the availability of solar light. The amount of electricity generated by the PV power plant is very low during cloudy days and almost zero at night and rainy days. The combined operation of hydraulic power plant, PV power plant, wind power plant and rain harvesting system can solve this problem of intermittent energy generation and can produce electric energy relentlessly. The biggest advantage of the proposed power plant is that it utilizes local energy sources and does not require any fuel or significant transport cost to supply energy to the consumer. It does not require any batteries to store the solar energy, which has a short life span and pollute the environment from their waste. It can be build in direct vicinity of the place of consumption. Thus the energy losses in the transmission line and construction costs of transport system are reduced. As a result, this power plant can be efficiently

operated at any location even in isolated regions far from transport and supply lines (e.g. island, rural villages on hills and similar). The prerequisites for operation of this power plant are periodical solar insolation, water and elevation difference between the upper and lower water level so that gravity effects - hydro potential can be exploited. Naturally hydro potential exists in hilly regions where there is ground-hill elevation difference. So this new power plants can operate most efficiently in the hill tracts region of Bangladesh. However, artificial hydro potential can be created anywhere, by constructing an appropriate structure with elevation difference between upper and lower water level at different costs. Local natural characteristics, climate, water resources, topography, geology, etc. represent the framework for construction and efficiency of the power plant. The price of energy depends on a whole range of elements and profitability depends on the price of the competing classical sources.

263/2019 Mahindra & Mahindra Limited of Farm Equipment sector, Nationality: an Indian National, (whose legal address is Swaraj Division, Phase IV, Industrial Area, S. A. S. Nagar (Mohall), Punjab, India, Pin code-160055, (India), Pin code-160055, India)
Priority: IN 201811034458
Dated: 12-09-2018

AN AGRICULTURAL VEHICLE WITH ADJUSTABLE GROUND CLEARANCE AND A METHOD THEREOF

IPC: B 62D 49/00

1006422

Abstract: An agricultural vehicle V with adjustable ground clearance and a method 70 thereof is provided. The agricultural vehicle V includes a vehicular structure C, a pair of front wheels FW, a pair of rear wheels RW, at least one front axle, at least one rear axle, a pair of final drive housing FH, a plurality of of locking elements LP and an extension arrangement E. The vehicular structure C is configured to be moved between at least one lowered position in which each final drive housing FH is locked to the vehicular structure C at corresponding first locking positions, and at least one raised position in which each final drive housing FH is locked to the vehicular structure C at corresponding second locking positions. The extension arrangement E adapted to be coupled between corresponding front wheels FW and a front axle when vehicular structure C is at the raised position.

264/2019 Mahindra & Mahindra Limited of Farm Equipment sector, Nationality: an Indian National, (whose legal address is Swaraj Division, Phase Iv, Industrial Area, S.A.S. Nagar (Mohall), Punjab, India, Pin Code-160055, India)
Priority: IN 201811034459
Dated: 12-09-2018

FRONT BUMPER ASSEMBLY FOR MOUNTING A SEAT AND BALLAST MEANS AND ADD-ON STRUCTURE IN VEHICLE.

IPC: B 62D 49/00

1006427

Abstract: Front bumper assembly 200 for mounting a seat and ballast means and add-on structure in vehicle is provided. Front bumper assembly 200 includes a bumper frame 202, a mounting member 204 and a plurality of reinforcement members 206. The bumper frame 202 includes a base frame 202B and a plurality of legs 202L. The front bumper assembly 200 is removably connected to a vehicular structure C at a first position in which each leg 202L of the bumper frame 202 is horizontally connected to the vehicular structure C, and a second position in which each leg 202L of the bumper frame 202 is vertically connected to the vehicular structure C. The front bumper assembly 200 is adapted to removably receive at least one of an operator’s seat S, a ballast means and an add-on structure when the front bumper assembly 200 is in the second position.

165/2019	Mahindra & Mahidra Limited of Farm Equipment sector, Nationality: an Indian National. (whose legal address is Swaraj Division, Phase IV, Industrial Area, S.A.S. Nagar (Mohall), Punjab, India, Pin code-160055, India) Priority: IN 201811034474 Dated: 12-09-2018	POSITION AND DRAFT CONTROL MECHANISM FOR AN IMPLEMENT COUPLED TO VEHICLE HITCH. *IPC*: A 01B 63/112 1006423 **Abstract**: Position and draft control mechanism 30 for an implement coupled to vehicle hitch 50 is provided. Position and draft control mechanism 30 includes a position control mechanism 300 and a draft control mechanism 400. The position control mechanism 300 includes a position control lever assembly 302, a locking arrangement 304, a linkage mechanism 306, a locking member position control mechanism and a resilient member 304R. The draft control mechanism 400 includes a sliding assembly 402, a first end cover 404, a housing 406, a second end cover 407, a resilient and shock absorber arrangement 408 and an adjustable assembly 410. A movement of position control lever assembly 302 induces a change in position of the implement. The locking arrangement 304 is adapted to lock position control lever assembly 302 at least one of a plurality of positions. The draft control mechanism 400 is adapted to vary draft of implement coupled to an implement mounting structure 50 of vehicle.
266/2019	Mahindra & mahindra Limited of Farm Equipment sector, Nationality: an Indian National, (whose legal address is Swaraj Division, Phase IV, Industrial Area, S.A.S. Nagar (Mohall), Punjab, India, Pin code-160055, India), Priority: In 201811034476 Dated: 12-09-2018.	DRAFT CONTROL MECHANISM FOR AN IMPLEMENT COUPLED TO VEHICLE HITCH. *IPC*: A 01B 63/112 **1006424** **Abstract**: Draft control mechanism 400 for an implement coupled to vehicle hitch 50 is provided. Draft control mechanism 400 includes a sliding assembly 402, a first end cover 404, a housing 406, a second end cover 407, at least one resilient and shock absorber arrangement 408 and an adjustable assembly 410. The first end cover 404 is connected to housing 406. The second end cover 407 is connected to the housing 406 and disposed opposite to the first end cover 404. The resilient and shock absorber arrangement 408 is adapted to dampen a shock load received by the implement. The resilient and shock absorber arrangement 408 is provided between sliding assembly 402, and at least one of second end cover 407 and adjustable assembly 410. At least one of the adjustable assembly 410 and the sliding assembly 402 is configured to be moved with respect to the housing 406 to vary the draft of the implement.
267/2019	Mahindra & Mahindra Limited of Farm Equipment sector, Nationality: an Indian National, (whose legal address is Swaraj Division, Phase IV, Industrial Area, S.A.S. Nagar (Mohall), Punjab, India, Pin code-160055, India) Priority: IN 201811034484 Dated: 12-09-2018	THROTTLE CONTROL APPARATUS FOR A VEHICLE AND A MECHANISM THEREOF *IPC*: B 60K 26/02 **1006428** **Abstract**: Throttle control apparatus 810 for a vehicle and a mechanism 800 thereof is provided. A throttle control mechanism 800 includes a first throttle control assembly 802, a second throttle control assembly 804, a first cable 806, a second cable 808, a throttle control apparatus 810, a linkage 812 and a mounting bracket 814. The throttle control apparatus 810 includes a shaft housing 810, a pivot shaft, an intermediate lever 810L and a lever 810R. The intermediate lever 810L has a

first portion 810Lf defining a slot 810La and a second portion 810Ls defining a slot 810Lb. A first end 806f of first cable 806 is connected to first throttle control assembly 802 and a second end 806s of first cable 806 is movably connected to intermediate lever 810L. A first end 808f of second cable 808 is connected to second throttle control assembly 804 and a second end 808s of the second cable 808 is movably connected to intermediate lever 810L.

266/2019 Mahindra & Mahindra Limited of Farm Equipment sector, Nationality: an Indian National, (whose legal address is Swaraj Division, Phase IV, Industrial Area, S.A.S. Nagar (Mohall), Punjab, India, Pin code-160055, India)
Priority: IN 201811034488
Dated: 12-09-2018

AGRICULTURAL VEHICLE

IPC: B 62D 49/06, 9/00

1006425

Abstract: Agricultural vehicle V includes an operator's seat S, a vehicular structure C, a wheel support arrangement 100, a front bumper assembly 200, a position and draft control mechanism 30, a brake pedal linkage mechanism 500, a steering mechanism 600 and an exhaust device 700. The operator's seat S is configured to be provided in the vehicle V at least one of a first seating position Sf corresponding to a first driving position, and a second seating position Sr corresponding to a second driving position, where the second seating position Sr is opposite to the first seating position Sf. The vehicular structure C is configured to be moved between at least one lowered position in which each final drive housing FH is locked to vehicular structure C at corresponding first locking positions, and at least one raised position in which each final drive housing FH is locked to vehicular structure C at corresponding second locking positions.

269/2019 Candiani S.p.A., a form of corporation organized and existing under the laws of Italy, (whose legal address is Via Arese 85,20020 Robecchetto (MI), Itally)
Priority: IT 102018000009805
Dated: 25/10/2018

A METHOD FOR MAKING AN ELASTICISED YARN AND FABRIC MANUFACTURED FROM SAID YARN

IPC: D 02G 3/32, 3/36

1006429

Abstract: A method for making an elasticised yarn comprises the steps of feeding a roving made of a cotton based natural fibre at a weight percentage of at least 50% and having a linear mass density set between 0.1 Nm and 50 Nm, preferably between 0.3 Nm and 25 Nm, to a stretching unit, and a step of extracting it from the stretching unit at a speed higher than the unwinding speed; jointly pulling the stretched roving and an elastic fibre through an overlapping unit by a ring spinning unit, forming a spool of the elasticised yarn, wherein the elastic fibre comprises a natural rubber containing more than 80% polyisoprene 1, 4-cis, along with to sulphur as a vulcanisation agent at a concentration set between 0.5% and 3.0% by weight, and along with: a vulcanization accelerator and a vulcanization activator; an anti-tacking agent; an antioxidant agent; a stabilisation agent, the elastic fibre obtained by longitudinally cutting a longitudinally cut flat yarn made of the natural rubber, in such a way to attain a linear mass density between 50 dtex and 1000 dtex, preferably between 100 dtex and 800 dtex, in particular between 150 dtex and 500 dtex. This way, by the above mentioned natural rubber composition, a cotton-based elasticised yarn can be obtained that is not likely to break either when being spun, or when used to make a fabric, in particular a denim fabric. An elasticised yarn obtained this way and a fabric, in particular a denim fabric, manufactured from this yarn.

281/2019 Nokia Technologies OY, A company incorporated in Finland, (whose legal address is Karakaari 7, Espoo 02610, Finland) Priority: EP PCT/EP2018/077205 Dated: 05-10-2018

Method, Apparatus and Computer Program

IPC: H 04W 4/90, 76/38, 76/50

1006442

Abstract: An apparatus comprising means for performing: determining an expiration of a service request timer generated in association with a service request message from the apparatus; and handling the expiration of the service request timer based on a determination of a service type of the service request message.

294/2019 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)

EXHAUST SYSTEM FOR A THREE-WHEELED VEHICLE

IPC: F 01N 13/009

1006444

Abstract: The present subject matter discusses about the catalyst mounting arrangements for multi-wheeled vehicle exhaust system. The present subject matter proposes an arrangement for increasing the conversion capacity of catalytic converters which is in general directly proportional to the size of the Catalyst, by implementing two catalytic converters at different locations. The primary catalyst converter is positioned inside the first muffler section and secondary catalytic assembly is located on the exhaust pipe at a pre-determined distance from the engine unit and the muffler inlet. Further, various layout challenges associated with a multi-wheeled vehicle are addressed for implementing the above.

308/2019 Wuhu Aerospace Special Cable Factory Co., Ltd., a Company incorporated under the laws of China, (whose legal address is No. 15, Zhanghe Road, Hightech Industrial Development Zone, Gejiang District, Wuhu City, Anhui Province, China) Priority: CN 2018112103789 Dated: 17-10-2018

CABLE FOR HIGH-SPEED CAMERA AND METHOD OF MANUFACTURING THE SAME.

IPC: H 01B 11/10

1006421

Abstract: The invention discloses a cable for high-speed cameras and a method of manufacturing the same, which comprises: a cable care, a wrapping layer, a shielding layer and a sheath. The cable core comprises: a main cable core, a plurality of small cable cores and drain wires; wherein the main cable core comprises three small cable cores which contact with each other, an aramid fiber between each of the two small cable cores, and the first aluminium plastic composite film layer wrapping outside the three small cable cores and the aramid fibers; the small cable core comprises two twisted insulated cores and a second aluminium-plastic composite film layer disposed outside the twisted insulated cores; the wrapping layer is disposed outside the cable core; the shielding layer comprises a third aluminium-plastic composite film layer and a tinned copper wire weaving layer; the third aluminium-plastic composite film layer is disposed outside the wrapping layer, and the tinned copper wire weaving layer is disposed outside the third aluminium-plastic composite film layer; the sheath is disposed outside the shielding layer. The cable of the present invention can meet the requirements of high-speed data transmission in an aerospace environment, and has the advantages of light weight, high temperature resistance, corrosion resistance, weather resistance, flame retardancy and excellent electrical performance, and may support ultra-high frequency data transmission.

310/2019 Patuakhali Science and Technology University (PSTU), the organization organized under the laws of Bangladesh (whose legal address is Patuakhali-8602, Bangladesh) and Bhola Monosex Tilapia Hatchery, the organization organized under the laws of Bangladesh, (whose legal address is Bhola, Bangladesh)

Non-natural Breeding Technique of Indigenous Yellowtail Catfish (Pangasius pangasius).

IPC: A 01K 67/00

1006456

Abstract: This invention concerns the artificial breeding of indigenous yellowtail carfish (Pangasius pangasius) through the administration of wet carp pituitary gland. The method includes the steps of collection from river source and then stocking of pangasius pangasius fingerlings of both sex in captive condition, domesticating up the four-and-a-half-years for sexual maturation, brood selection for artficial breeding, hormone administration, fry production and performing captive artificial fry cultivation using nutrition boosting. More specifically, the invention basically based on optimization of a ratio of dose that is capable of inducing 100% ovulation, fertilization and satisfactory hatching rate, and larval growth strategies for male and female yellowtail catfish. The overarching purpose of this innovation is to produce a large number of seeds of Pangasius pangasius cheaply and abundantly to increase fish production in full swing from July to August which has been disclosed here.

317/2019 Groz-Beckert KG, incorporated under the laws of Germany, (whose legal address is 500 Parkweg 2, 72458 Albstadt, Germany) and Santoni S.p.A., incorporated under the laws of Italian, (whose legal address is Via Carlo Fenzi 1425135 Brescia, Italy) Priority: EP 18202046.1

Device for loop-forming, sinker means and method for loop forming.

IPC: D 04B 15.06

1006419

Abstract: A device, a sinker means and a method for loop-forming are claimed. The device comprises: • a cylinder with first grooves for needles, - which are accommodated in a first groove, - whereby the needles comprise a loop forming section, • a sinker ring with second grooves for sinker means, whereby the sinker means comprise:- an actuating section, - a loop forming section, -whereby the loop forming section comprises an opening, - and whereby the sinker means are accommodated in one single second groove. New and inventive is that the opening is delimited in the width direction by two side faces and in that the loop forming section of the needle is movably disposed between the two side faces of the opening.

322/2019 LONATI S.P.A, a Joint Stock Company, (whose legal address is Via Francesco Lonati, 3 25124 Brescia, Italy) Priority: IT 102019000005838 Dated: 16-04-2019

PICK-UP DEVICE FOR PICKING UP A TUBULAR KNITTED ARTICLE FROM A CIRCULAR KNITTING MACHINE FOR HOSIERY.

IPC: D 04B 1/26, 15/02, 9/40, 9/56

1006437

Abstract: A pick-up device for picking up a tubular knitted article from a circular knitting machine for hosiery or the like and for its transfer to a unit adapted to perform additional operations thereon. The device comprises an annular pick-up body which supports pick-up elements which can slide relative to the pick-up body along radial directions. The pick-up body can be arranged coaxially around the needle cylinder of a circular knitting machine for hosiery or the like so that each one of the pick-up elements faces laterally a needle of the machine. The end of each one of the pick-up elements that is directed toward the axis of the pick-up body has a seat which can engage a region of the stem of the needle located proximate to the latch

of the needle on the opposite side with respect to the head of the needle. The device comprises actuation means formed by elastic means which act on the pick-up elements for their sliding toward the axis of the pick-up body and radial pushers which act on the pick-up elements for their sliding away from the axis of the pick-up body in contrast with the action of the elastic means.

335/2019 Bangladesh Council of Scientific and Industrial Research (BCSIR), a body corporate of the Government of Bangladesh, (whose legal address is Dr. Qudarat-I-Khada Road, Dhaka-1205, Bangladesh) Priority:

Design and development of steam distillation pilot plant for essential oil production

IPC: C 10G 3/00

1006445

Abstract: The working principle of steam distillation is that separation of organic/ volatile compounds which are immiscible with water occurs in phases under heated conditions, as each liquid exerts its own vapor pressure as though the other is not present. This means when two solvents with different vapor pressures exist as mixture, the vapor pressure of overall mixture is the sum of the partial pressures contributed by both substances. With the introduction of steam, the partial pressures of the compounds are lowered, allowing them to distill out of the mixture at temperature lower than the normal boiling point. Steam distillation plant is preferred than water distillation and so this project designed, developed and fabricated steam distillation pilot plant and economic feasibility is studied and found viable.

336/2019 Bangladesh Council of Scientific and Industrial Research (BCSIR), a body corporate of the Government of Bangladesh, (whose legal address is Dr. Qudarat-I-Khada Road, Dhaka-1205, Bangladesh) Priority:

Extraction and characterization of okra (Lady's Finger) fiber for the reinforcement of composite materials.

IPC: A 61B 10/11

1006446

Abstract: The extraction of microcrystalline cellulose (MCC) by peroxy formic acid treatment from okra bahmia bast fibers has been considered, to produce PVA based composites with maximum cellulose content of 75 wt. %, with the objective of studying its compatibility with the polymer matrix and the possible reinforcement effect on the composite. The total biomass recovered in the FA/PFA/H_2O_2 process was 76.45%, which is the sum of 56.57% cellulose yield, 10.3% total sugar and 9.58% lignin in the spent liquor. Microfibrils extracted from okra bahmia fibers were characterized morphologically by scanning electron microscopy (SEM). Their thermal degradation behavior was fully investigated through TGA and DTG curves. Mechanical properties of these micrcrystalline composites were assessed by single fiber tensile tests. The composite reinforced with MCC displayed enhanced tensile properties in comparison with the neat PVA, because of better stress-transfer properties. After 36-47% wt. of MCC tensile strength decreased because of very little or less stress-transfer properties. With high content of MCC, the degree of MCC-MCC interaction becomes more prominent and, as a consequence, a reduction in elongation at break is ovserved. The Young modulus of elasticity of MCC-filled composites systematically increased with increasing MCC loading up to 36-41% and then decreased with higher MCC loading, because of decreasing tensile strength. Overall, MCC, filled composites showed comparable or better mechanical properties compared with the PVA. MCC could be good reinforcing filler for engineering thermo plastics applications such as in automobiles.

340/2019 NEC Corporation, A Company incorporated in Japan, (whose legal address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan) Priority: JP PCT/ JP 2018/041348 Dated: 07/11/2018

Monitoring System, Monitoring Apparatus, Monitoring Method, And Computer Readable Medium.

IPC: G 08B 13/186

1006454

Abstract: A monitoring system according to the present disclosure includes a cable comprising an optical fiber, a reception unit configured to receive an optical signal including a pattern corresponding to a state of a monitoring target from at least one optical fiber included in the cable and to detect the pattern from the received optical signal, and a control unit configured to detect the state of the monitoring target based on the pattern.

341/2019 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 Chenai-600006, India) Priority: IN 201841042119 Dated: 08-11-2018

SECONDARY AIR INJECTION SYSTEM FOR A THREE-WHEELED VEHICLE.

IPC: F 02B 13/06

1006458

Abstract: The present invention discloses a secondary air injection system for a three-wheeled vehicle in which the secondary air injection system includes an air inlet located in an enclosure to restrict unimpeded entry of contaminants such as dust, dirt and water from entering through the air inlet and clogging the air filter.

342/2019 KUAN-CHIH JANG, Taiwanese national, (whose legal address is No. 12, ALY. 9, LN. 33, DAJHIH R.D., NIAOSONG DIST., KAOHSIUNG CITY, 83341, Taiwan, Province of China) Priority: TW 107145718 Dated: 18-12-2018

VENTILATING AND HEAT DISSIPATING ASSEMBLY FOR A ROOF.

IPC: E 04D 11/00

1006431

Abstract: A ventilating and heat dissipating assembly for a roof includes hollow bricks, first corrugated plates and second corrugate plates. Each first corrugated plate spans a gap between two pairs of the hollow bricks that are spaced apart along intersecting first and second directions. Each second corrugated plate spans a gap formed between two of the hollow bricks spaced apart in the first direction and a gap between two of the first corrugated plates spaced apart in the second direction.

343/2019 KUAN-CHIH JANG, Taiwanese national, (whose legal address is No. 12, ALY. 9, LN.33, DAJHIH RD., NIAOSONG DIST., KAOHSIUNG CITY, 83341, Taiwan, Province of china) Priority: TW 107145717 Dated: 18-12-2018

HOLLOW BRICK WITH HOLDING RIBS.

IPC: E 04D 11/00

1006432

Abstract: A hollow brick includes a bottom wall, two side walls projecting from the bottom wall, a plurality of intermediate walls projecting from the bottom wall between the side walls, and a top wall opposite to the bottom wall and connecting the side walls and the intermediate walls. A plurality of ventilation holes are hounded by the bottom wall, the side walls, the intermediate walls and the top wall. Each ventilation hole has two ventilation open ends opposite to each other along the transverse side of the bottom wall. Two outer holding ribs project respectively from outer surfaces of the side walls in opposite outward directions.

344/2019 KUAN CHIH JANG, Taiwanese national, (whose legal adress is No. 12, ALY.9, LN. 33, DAJHIH RD., NIAOSONG DIST., KAOHSIUNG CITY, 83341, taiwan, province of China)
Priority: TW 107145721
Dated: 18-12-2018

HOLLOW BRICK WITH FOOT PORTIONS.

IPC: E 04D 11.00

1006433

Abstract: A hollow brick includes a bottom wall, two side walls projecting from the bottom wall, a plurality of intermediate walls projecting from the bottom wall between the side walls, a top wall opposite to the bottom wall and connecting the side walls and the intermediate walls, and a plurality of ventilation holes bounded by the bottom wall, the side walls, the intermediate walls and the top wall. The bottom wall has a plurality of foot portions projecting downwardly and spaced apart from each other. A bottom groove is formed between two adjacent ones of the foot portions.

345/2019 KUAN-CHIH JANG, Taiwanese national, (whose legal address is No. 12, ALY.9, LN. 33, DAJHIH RD., NIAOSONG DIST., KAOHSIUNG CITY, 83341, Taiwan, Province of China)
Priority: TW 107145720
Dated: 18-12-2018

CORRUGATED PLATE FOR VENTILATIING AND DISSIPATING HEAT FROM A ROOF.

IPC: E 04D 11/00

1006440

Abstract: A corrugated plate assembly includes at least two corrugated plates each having a crest portion. The crest portion is asymetric and includes first and second arcuate ends, two longitudinal lateral sides connected between the first and second arcuate ends and two indentations indented from the first and second arcuate ends. The second arcuate ends of the corrugated plates are interconected in such a manner that the indentations of the second arcuate ends are intersected each other and that the second arcuate ends overlap with each other. Ventilation gaps are formed between overlapping parts of the second arcuate ends.

346/2019 AB Enzymes Oy, A company organized and existing under the laws of Finland (whose legal address is Tykkimäentie 15b, 05200 Rajamäki, Finland)
Priority : EP 18205852.9
Dated: 13-11-2018

Fusion Protein

IPC: C 12N 9/42

1006447

Abstract: The invention relates to fusion proteins having depiling, antipiling and/or antigreying performance, and that have improved stability in the presence of proteases. The fusion proteins comprise a cellulase component, a linker component, and a carbohydrate binding component.

347/2019 AB Enzymes Oy, A company organized and existing under the laws of Finland' (whose legal address is TYKKimäentie 15b, 05200 Rajamäki, Finland)
Priority: EP 18205848.7
Dated: 13-11-2018

Fungal cellulase variants with improved stability.

IPC: C 12N 9/42

1006448

Abstract: The inventions relates to novel variants of fungal endoglucanases. The invention further relates to enzyme preparations and detergent compositions comprising the variant as well as to processes for treating cellulosic material with the variant. The variants have depilling, antipilling and/or antigreeying performance, and improved stability in the presence of proteases.

353/2019 Nokia Technologies OY, A Company incorporated in Finland, (whose legal address is Karaportti 3, Espoo 02610, Finland) Priortiy: EP PCT/EP2018/081140 Dated: 14-11-2018

Apparatus, Method, And Computer Program.

IPC: H 04W 76/19, 76/27

1006449

Abstract: An apparatus comprising: at least one processor; and at least one memory including computer program code; the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus at least to: receive a fallback indication from a radio resource control layer; invoke a service request procedure; and set at least one of a service type information element and an uplink data status information element in a service request message.

355/2019 LIXIL CORPORATION, Nationality: A Corporation organized and existing under the laws of Japan, (whose legal address is 2-1-1 Ojima, Koto-Ku, Tokyo 136-8535, Japan) Priority: US 62/890, 993 Dated: 23-08-2019

PIT LINER.

IPC: E 03B 11/16

1006450

Abstract: provided are pit liner systems comprising a plurality of curved interlocking panels. Each curved interlocking panel of the pit liner system comprises an interior curved surface and an exterior curved surface, and the plurality of curved interlocking panels are the same and are configured to couple together to form a cylindrical pit liner for lining a pit.

356/2019 British American Tobacco (Investments) Limited, a company organized and existing under the laws of UK, (whose legal address is Globe House, 1 Water Street, London, WC2R 3LA, United Kingdom) Priority: GB 1818715.3 Dated: 16-11-2018

Method of Modulating the alkaloid content of a plant or part thereof.

IPC: C 07K 14/415, C 12N 15/82

1006436

Abstract: The present invention provides a method for modulating (e.g. decreasing) the alkaloid content of a plant (e.g. a tobacco plant), the method comprising modifying said plant by modulating (e.g. decreasing) the expression of the least one of armadillo repeat protein. The present invention also provides for the use of an armadillo repeat protein 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.

357/2019 AIC Chile SpA, A Company incorporated under the laws of Chile. (whose legal address is Avenida El Parque 375, oficina 203, Valparaiso Chile) Priority: IB PCT/IB2018/058969 Dated: 16-11-2018

METHOD, REACTION CHAMBER AND SYSTEM FOR THE TREATMENT OF LIQUIDS IN CONTINUOUS FLOW

IPC: C 02F 1/46

1006441

Abstract: The invention refers to a method, reaction chamber and system for the treatment of liquids in continuous flow, characterized in that said method comprises the following steps: (a) receiving a liquid for treatment in a reaction chamber through at least one inlet opening in said reaction chamber, directing said liquid for treatment to an inlet section of the reaction chamber, (b) converting q flow of liquid for treatment in a biphasic liquid-gas flow in said inlet section; (c) directing the biphasic flow to a central section of the reaction chamber, where an electric field is applied; (d) ionizing the gaseous fraction of the biphasic flow that passes through said central section, as a result of the interaction between the biphasic flow and the applied electric field; (e) sustaining an ionization

regime generating non-thermal plasma throughout the central section of the reaction chamber, where said regime is kept by controlling the electric field applied in said central section; (f) leading the biphasic flow under the ionization regime to a discharge section of the reaction chamber, apart from the central section, where the electric field is applied generating the deionization of the gaseous fraction and causing the biphasic flow to reduce its velocity, which results in the condensation of biphasic flow; and (g) removing a flow of treated liquid from said discharge section through at least one discharge opening in the reaction chamber.

362/2019 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 62/770, 205 Dated: 21-11-2018

ADHESIVE DISPENSER WITH SLOTTED NOZZLE ASSEMBLY.

IPC: B 05C 11/10, 5/02

1006457

Abstract: An adhesive dispenser having a pump and a slotted nozzle assembly is disclosed. The pump includes a pump body assembly having a nozzle body defining a recess that extends into the body, and a fluid channel with an inlet to receive adhesive and an outlet open to the recess. The pump includes a valve member movably disposed in the fluid channel and configured to selectively block the adhesive from flowing to the outlet. The slotted nozzle assembly includes a baffle plate having a slot the extends through the plate and a cover plate attached to the plate. The slotted nozzle assembly is received in the recess of the nozzle body, such that an input channel extending from the outlet of the body to the slot is defined between the baffle plate and the nozzle body, and an output channel extending from the slot to a dispensing outlet is defined between the baffle plate and the over plate.

375/2019 Telefonaktiebolaget LM Ericsson (publ), a company organized and existing under the laws of Sweden, (whose legal address is SE-16483 Stockholm, Sweden) Priority: EP PCT/EP2019/ 073046, Dated: 29-08-2019 and US 62/790, 767 Dated: 10-01-2019

BIAS CIRCUIT AND POWER AMPLIFIER CIRCUIPT.

IPC: H 03F 1/00

1006438

Abstract: A bias circuit for a PA is disclosed. It comprises a first transistor having its drain terminal and its gate terminal connected to a first circuit node and its source terminal connected to a first supply terminal, a first current source connected to the first circuit node, and a first resistor connected between the first circuit node and a second circuit node. It further comprises a second transistor configured to receive a first component of a differential input signal to the PA at its gate terminal, having its drain terminal connected to the second circuit node and its source terminal connected to a second supply terminal, and a third transistor configured to receive a second component of the differential input signal to the PA at its gate terminal, having its drain terminal connected to the second circuit node and its source terminal connected to a second supply terminal. The gate terminals of the second transistor and the third transistor are configured to be biased by a first voltage. The bias circuit is configured to generate a bias voltage for the PA at the second circuit node.

383/2019	North China University of Science and technology, a Company incorporated under the laws of China, (whose legal address is No. 21 Bohai Avenue, Caofeidian District, Tangshan 063000, Hebei Province, China) Priority: CN 201910695242X Dated: 30-07-2019	CNB composite coating, cutter with CBN composite coating layer and preparation method and application thereof. *IPC*: C 09D 1/00 **1006420** **Abstract**: The present invention discloses a CBN composite coating, cutter with CBN composite coating layer and preparation method and application thereof. The CBN composite coating comprises an epoxy resin layer and a cubic boron nitride composite coating, wherein the epoxy resin layer is made of epoxy resin, and the cubic boron nitride composite coating is made of cubic boron nitride, ferrous sulfide and sodium disilicate ; the dosages of all components in parts by weight are as folows: 7-23 parts of epoxy resin, 7-23 parts of cubic boron nitride, 5-15 parts of ferrous sulfide, and 9-21 parts of sodium disilicate. The present invention is reasonable in design and high in practicability. The CBN composite coating is simple in preparation process and easy to control, has good bonding strength and high temperature resistance, and is capable of effectively improving the friction property of the cutter surface and reducing the friction coefficient between the cutter and workpiece surfaces.
384/2019	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 62/836, 228 Dated: 19-04-2019	SETTING HARQ TIMING FOR PDSCH WITH PENDING PDSCH-TO-HARQ-TIMING-INDICATOR. *IPC*: H 04L 01/18 1006451 **Abstract:** Methods and systems for setting Hybrid Automatic Repeat Request timing for Physical Downlink Shared Channel with a pending PDSCH-to-HARQ-timing-indicator are provided. In one aspect, a method performed by a wireless device comprises: receiving a first Downlink Control Information associated with a first Downlink data transmission, the first DCI comprising a non-numerical PHTI; receiving the first DL data transmission; determining a HARQ feedback for the first DL data transmission; receiving a second DCI associated with a second DL data transmission, the second DCI comprising a numerical PHTI indicating a location for HARQ feedback associated with the second DL data transmission; setting the location of HARQ feedback associated with the first DL data transmission to be the same as the location of HARQ feedback associated with the second DL data transmission; and transmitting the HARQ feedback associated with the first DL data transmission at the set location.
388/2019	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: 11-08-2019 and US 62/785, 086 Dated: 26-12-2018	CONSTRUCTION METHOD FOR CREATING A RESTRICTED ACCESS SWIMMING LAGOON WITH BEACHES AT A RETAIL SITE. *IPC*: A 63G 31/00 **1006459** **Abstract:** The present invention discloses a construction method for demolishing a portion of a retail site, including a shopping mall with an anchor big-box store, or a standalone big-box store and/or their associated parking space, in order to create a restricted access swimming lagoon with beaches at a retail site, in order to provide a completely new setting within the retail site that aims to attract clients based on new consumer trends.

407/2019 ASELSAN ELEKTRONIK SANAYI VETICARET ANONIM SIRKETI, a company duly organized and existing under the laws of Turkey, (whose legal address is Mehmet Akif Ersoy Mah, 296, Cadde No: 16 Macunkoy Yenimahale 06370/ Ankara, Turkey) Priority: TR PCT/TR/ 2019/050018 Dated: 09-01-2019.

THREE-DIMENSIONAL PRINTING OF MULTILAYER CERAMIC MISSILE RADOMES BY USING INTERLAYER TRANSITION MATERIALS.

IPC: B 29C 64/10

1006452

Abstract: The invention relates to the production of multilayered ceramic missile radomes with a wide frequency band and high electromagnetic permeability through three-dimensional printing technologies and the use of glass inter-layer materials to minimize the defects caused by thermo-mechanical incompatibility of adjacent layers in sintering.

411/2019 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, Country of New Castle, 19801, State of Delaware, United States of American) Priority: US 16/ 538, 273 Dated: 12-08-2019 and US 62/785, 086 Dated: 26-12-2018

VANUE TRANSFORMING CONSTRUCTION METHOD FOR CREATING A PUBLIC ACCESS TROPICAL STYLE SWIMMING LAGOON WITH BEACHES AT THE INFIELD OF RACING AND/OR ACTIVITY CIRCUITS.

IPC: A 63K 1/00

1006460

Abstract: The present invention relates generally to a venue transforming construction method for creating a public access tropical style swimming lagoon at the centerfield of racing and/ or activity circuits, for swimming and the practice of water sports, wherein a portion of the infield of such racing and/or activity circuits is demolished in order to generate a swimming lagoon. There is an area of the tropical style swimming lagoon where public access is controlled, and a beach area is preferably located within the controlled access area.

413/2019 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 201941000162 Dated: 02-01-2019

A WIRE HARNESS SYSTEM.

IPC: B 62J 11/19, 11/20, 6/06

1006461

Abstract: The present invention relates generally to a two-wheeled vehicle. More particularly, the present subject matter relates to a multi modular wire harness system of said two-wheeled vehicle. The multi modular wire harness system comprises high voltage wire harness and a low voltage wire harness routed along the vehicle by keeping apart from each other with high voltage modular wire harness on one side of the vehicle and the low voltage wire harness on the other side of the vehicle. The present subject matter prevents the electromagnetic interference caused by the high voltage carried by the high voltage wire harness on the low voltage wire harness.

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 for assist in routing a data packet towards a UE is provided The CU and the UE are operating in an Integrated Access Backhaul Communications network. Based on topology information for

the IAB communications network, the CU determines routes, between one or more IAB nodes and/or one or more Distributed Units operating in the IAB communications network. The CU transmits 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.

6/2020 TVS SRICHAKRA LTD., A company duly organized and existing under the laws of India, (whose legal address is TVS Building, 7B West Veli Street, Madurai-625001, Tamil Nadu, India)
Priority: IN 201841026480
Dated: 16-01-2019

TYRE PRESSURE MONITORING AND REPLENISHING SYSTEM FOR PNEUMATIC TYRES AND METHOD THEREOF.

IPC: B 60C 23/00

1006466

Abstract: The present invention relates to monitoring and maintenance of tyre pressure in a tubeless pneumatic tyre mounted on a road rim fitted to a vehicle. Further the present invention relates to a method of pressure monitoring and replenishing of a tubeless pneumatic tyre. The tyre pressure monitoring and replenishing system for tubeless pneumatic tyres comprises an annular tubular container fitted inside a tyre cavity of a tubeless pneumatic tyre and mounted on a tyre rim, a replenishment side valve and a valve with inlet and two or more outlets. More advantageously, the present invention relates to positioning a pressurized container in the tyre cavity that through a special valve assesses and restores loss of pressure in tyre.

7/2020 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 62/791, 630
Dated: 11-01-2019

TRS EXTENSION FOR POSITIONING WITH IMPROVED TOA RANGE.

IPC: H 04L 25/02, 25/00, H 04W 64/00

1006467

Abstract: A method, system and apparatus are disclosed. In one or more embodiments, a method in a wireless device is provided. The wireless device is configured to communicate with a network node. The wireless device receives an extended signal transmitted by the network node. The extended signal includes a base signal and at least one additional signal. The wireless device estimates a time of arrival, TOA, based on the extended signal.

10/2020` SICPA HOLDING SA, a company organized and existing under the laws of Swizerland, (whose legal address is avenue de Florissant 41 1008 Prilly, Swizerland)
Priority: EP 19151899.2
Dated: 15-01-2019

PROCESS FOR PRODUCING OPTICAL EFFECT LAYERS

IPC: B 05D 3/00, 3/06, 5.06

1006465

Abstract: The present invention relates to the field of protecting value documents and value commercial goods against counterfeit and illegal reproduction. In particular, the present invention provides processes for producing optical effect layers comprising non-spherical magnetic or magnetisable particles and comprising a motif made of at least two areas made of a signal applied and cured layer, said motif being obtained by using a selective curing performed by irradiation with an actinic radiation LED source comprising an array of individually addressable actinic radiation emitters.

15/2020 SICPA HOLDING SA, A company organized and existing under the laws of Swizerland, (whose legal address is Avenue de Florissant 41 1008 Prilly, Switzerland) Priority: EP 19156150.5 Dated: 08-02-2019

MAGNETIC ASSEMBLIES AND PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL OBLATE MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES.

IPC: B 05D 3/00, 5/06

1006462

Abstract: The present invention relates to the field of magnetic assemblies and process for producing optical effect layers comprising magnetically oriented non-Spherical oblate magnetic or magnetisable pigment particles on a substrate. In particular, the present invention relates to magnetic assemblies processes for producing said OELs as anti-counterfeit means on security documents or security articles or for decorative purposes.

17/2020 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 19165774.1 Dated: 28-03-2019

MAGNETIC ASSEMBLIES AND PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES.

IPC: B 05D 3/00

1006453

Abstract: The present invention relates to the field of magnetic assemblies and processes for producing optical effect layers comprising magnetically oriented non-spherical magnetic or magnetizable pigment particles on a substrate. In particular, the present invention relates to magnetic assembles process for producing said OELs as anti-counterfeit means on security documents or security articles or for decorative purposes.

19/2020 Md. Masud Rana, Assistant Professor, Dept. of Post Harvest Technology; and Dr. Kazi Ahsan Habib, Professor, Department of Fisheries Biology & Genetics, two Bangladeshi national citizens, (whose legal address is the Faculty of Fisheries, Aquaculture and Marine Science, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka, Bangladesh)

Methods for Production of Fish flesh Powder and powder based cookies and snacks from pungas, silver carp, tilapia and tuna fish.

IPC: A 23L 17/00

1006455

Abstract: Fish are very perishable food commodity that require proper handling and preservation to increase its shelf and retain its quality and nutritional attributes. Value can be added to fish and fishery products according to the requirements of the different markets. A method for producing powder from fish having protein content ranged between 80-90% (dry basis) and value added fish products (biscuit, chanachur & chips) having protein content 30-40% by adding a food grade wheat flour, rice flour and gram flour to fish biscuit, fish Chanachur and fish chips. The protein contents of those products varied with the amount of fish powder added to the products with considering the economic viability. Major portion of fats were removed from fish flesh which protects the products from fat oxidation. Bacterial population of those products ranged between 1.3×10-3 to 2.4×10-3 CFU/gm. The present invention is directed to a method or process for producing value-added products (biscuit, chanachur and chips) from fish having high proportion of protein as an acceptable and fulfilling the nutritional demand of health

especially for children and pregnant women. The method of the present invention comprises the steps of add value to the low value fishes to that play role in our national economy.

21/2020 British American Tobacco (Investments) Limited., a British company, (whose legal address is Globe House, I Water Street, London, WC2R 3LA, United Kingdom) Priority: GB 1900940.6 Dated: 23/01/2019

METHOD FOR DECREASING THE ALKALOID CONTENT OF A TOBACCO PLANT.

IPC: 01H 5/12, 6/82, C 12N 15/82

1006439

Abstract: The present invention provides a method for modulating (e.g. decreasing) the alkaloid content of a plant (e.g. a tobacco plant), the method comprising modifying said plant by modulating the activity or expression of at least one gene encoding a SOUL haem-binding protein. The present invention also provides for the use of at least one gene encoding a SOUL haembinding protein 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.

27/2020 NEC Corporation, Nationality: A Corporation Incorporated in Japan, (whose legal address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan) Priority: JP PCT/JP 2019/003387 Dated: 31-01-2019

Optical Fiber Sensing System, State Detection Apparatus, State Detection Method, And Computer Readable Medium.

IPC: G 01H 9/00

1006463

Abstract: An optical fiber sensing system according to the present disclosure includes: a cable including optical fibers; a reception unit configured to receive an optical signal from at least one optical fiber included in the cable and acquire a first parameter and a second parameter having a pattern in accordance with a state of a target to be monitored based on the optical signal; and a state detection unit configured to detect a predetermined event based on the pattern that the first parameter has and then detect the state of the target to be monitored based on the pattern that the second parameter has.

33/2020 NEC Corporation, Nationality: A Corporation Incorporated in Japan, (whose legal address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan) Priority: JP PCT/ JP2019/004217 Dated: 06-02-2019

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

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

1006464

Abstract: An optical fiber sensing system according to this 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 having a pattern in accordance with a state of a target to be monitored; and a monitoring unit configured to specify the location of the target to be monitored based on the pattern that the optical signal has and specify the trajectory of the target to be monitored based on a locational variation of

the specified location.

37/2020 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 600 006, India
Priority: IN 201941007620
Dated: 27-02-2019

A DISCHARGE SYSTEM AND MOTOR VEHICLE THEREOF.

IPC: F 01N 13/08

1006470

Abstract: The present subject matter relates to a discharge system for a motor vehicle. A discharge pipe of the discharge system formed by a first portion and a second portion. The first portion includes a first-upstream end portion connected to an exhust port. The second portion is disposed downstream of the first portion, and the second portion includes a second-upstream end portion. One of first portion and second portion is adapted to support at least a portion of a treatment device. The first portion is capable of at least partially annularly enclosing the treatment device. The discharge pipe is optimally provided with minimal parts and joints, and at the same time offers quick heating of the treatment device.

59/2020 INDIAN INSTITUTE OF TECHNOLOGY MADRAS, corporation organized and existing under the laws of India, (whose legal address is Indian Institute of Technology Madras IIT P.O., Chennai, 600 036, India)
Priority: IN 201941006506
Dated: 19-02-2019

SIMULTANEOUS SHARING OF SPECTRUM IN WIRELESS COMMUNICATIONS.

IPC: H 04W 1/00

1006435

Abstract: Methods and systems for simultaneous sharing of spectrum in wireless communications. Base Stations of a plurality of mobile network operators in a cell may send downlink signals to their respective connected User Equipments through a shared frequency spectrum. Further, the BSs may receive uplink signals from the UEs in the Shared frequency spectrum.

Alaya Khatun
Deputy Registrar.