

julian

Search history

Search 1: TAC=(truck and tank and camera and liquid) (Results 34)

Search 2: TAC=(truck and tank and camera and liquid and tube) (Results 12)

Title: APPARATUS FOR HEAT TREATMENT OF FOOD PRODUCTS BY STEAM

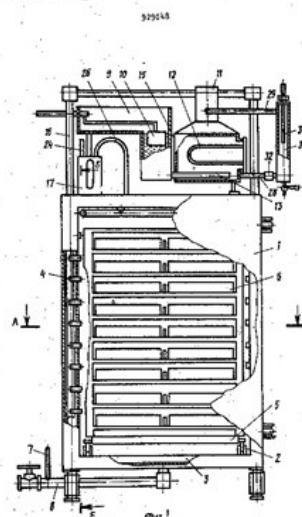
Abstract: Source: SU929048T 1. shows the device, general view; Fig. 2 - means for controlling the vapor pressure, the cross-section; Fig. 3 - connecting hub, incision; Fig. 4 - an apparatus for steam generation chamber; Fig. 5 - section A-A in Fig. One; Fig. 6 - section B-B in Fig. 1. Apparatus for heat treatment of food products, advantageously tively fish comprises a chamber 1, located inside the two roller conveyors formed as two parallel rows of rollers mounted on the bottom of the chamber 1, the container 3 for collecting condensate and broth nozzles k, located vertically on the sides of the chamber 1 so that every Russian shelf with pans 5 E 6 pair of jet nozzles k directed towards each other and shahmatfoM order in both the horizontal and vertical planes (see Fig. 2 and 3). This arrangement allows spel significantly intensify the process of heat treatment of the product and improve its quality. In this case, for each tier rack 5 diameter nozzle A is selected from the formula CTF, 5 p M, g nozzles at different rusah rack 5 are unequal and a section of the passage in connection with this number on every pa na rus enters unequal, the lower is Russian, the greater the amount of vapor that enters the pyc allowing the product to reach ravymernogo warm throughout the entire volume of the chamber 1. adapted to broth condensate, and has an appearance of CG-shaped tube 7 having one end connected to the drain Patent wheelhouse 8, and communicates with other atmospheric feroY. The camera 1 (Fig. 6) is arranged for steam generation unit consisting of two communicating vessels, one of which is T-shaped receptacle 9, in which the vertical portion is float regulator 10 of the liquid level, and the other two in the vessel 11 rows mounted one above the other nagrevatelnye.elementy 12, e.g. heating elements and is located beneath the perforated pipe 13, is a guide extension of the lower connecting tube 1 of the containers 9 and 11 are also connected perilivnym nozzle 15 disposed above the heating elements 12. upper sosuda11 part is narrower for drained steam and direct it on the steam pipes to the nozzles 16 k. The camera 1 is also mounted for adaptation. Adjusting the pressure in the chamber 1. It is made in the form dvuhpolostnoy tank 17 divided by a partition 18 on the cavity 19 and 20, the cavity 19 deviated septum 18 is mounted to the second grated perforated bottom 21 and upper sensors placed 22 and 23 and con ciency layer pipe 2 connected with the atmosphere. For visually observing the liquid level in one of the walls of the cavity 19 there is a window covered with transparent material 25. Cavity in the upper part 2b is connected to pipe 20 with the chamber 1 at this dvuhpolostna container 17 filled with liquid, such as water level 27 above the perforated bottom 21. - In order to protect the heating element 12 (FIGS. 1 and 6) on the container blown from 11c by means of conduits 28 and 29 are mounted prispo soblenie protector 30 formed as a cylinder with prozrachyogo placed in the upper part of the electrode 31 for disconnecting the heating elements 12, the on- pipe 28 there is the connecting hub 32, in which there are 33 filter and washer SW orifice. An apparatus for heat treatment of food fumes, preferably fish, is as follows. T-shaped container 9, and the vessel 11 to the steam generating apparatus are filled with water to the original level, the float-controlled regulator 10. The chamber 1 through the roller table roll 2 laid with the rack 5 on trays 6 product and sealed door (not shown). Then include the grid heating elements 12. After boiling water starts steaming-intensive in the vessel 11 and the steam pipes for steam flows through the nozzle 1b U chamber 1 and is uniformly distributed on the area of each tier rack pans over 5 E 6. According to the consumption of steam through nozzle into an L-shaped receptacle dolivaets water from the water main, water addition is controlled by a float regulator 10. cold water from vessel 9 through conduit I falls into the perforated tube 13 is broken into fine streams which are rapidly mixed with the hot water in the vessel 1 January and surface 12, the heater elements do not nyh Tyudvergayuts quenched, thus eliminating the pressure decrease in the batch vessel 1 1. With the onset of vaporization pressure in the apparatus to generate steam is gradually increased and the water is displaced from the vertical part of the L-shaped container 9 at the wide upper part. In the initial period of the heat treatment cycle rate of vapor condensation in the chamber 1 exceeds the speed and pressure of vaporization chamber 1 is atmospheric. Subsequently the rate of condensation decreases and the pressure in chamber D gradually rises until the calculated 50-150 mm water column An increase in the chamber 1 above patchetnogo pressure latter through the conduit 26. (FIGS. 1 and 2) in the device 17 acts to regulate the pressure on the liquid 27 which is displaced from cavity 20 into cavity 19. Liquid reaches the level of 27 races position sensor 23 of the upper electrode layer, an electrical circuit is closed and the sensor signal is provided to turn off the heating elements 12. After their trip, some cooking time continues products by heat nakypennogo chamber 1, the pressure of reduced before the specified minimum of 10-50 mm of water column, the liquid level in the cavity 19 is no otpuskaets lower electrode 22, whereupon the level sensor provides a signal to activate the disconnected elements of the heater groups 12. Further products pulping process continues cyclically. An abnormal increase in the pressure vessel 11, the excess steam is removed via the upper pipe 15 in a double container 9 and then, under a protective device 30 performs the role of a control device. The water level in the tube indicates the level of pressure in the vessel 11. Electrode sensor 31 disposed in the tube 30, provides for the issuance of la signal off heating elements 12 in position avariynoyM liquid level 27. Reliable operation of guard 30 is provided by the filter 33 and the orifice plate 3. hole 3 is selected so that the alignment of the water level in the tube 27 of the guard 30 and the container 11 takes place in relatively small but the time, which obviates the intensive heat transfer between vessel 11 and pipe 30. Due to this electrode 31 is not deposited scum forming with the vessel 11, and resistance to electrical circuit, to toruyu included electrode 31 does not vary substantially over time During the Cooking Product arr zuets broth, which, together with a con -) condensate drains into a collection vessel 3 as it accumulation is removed through a drain pipe 8 and G-tube 7. After a period of heat treatment, the duration of which is mounted on a timer, automatically are turned off the heating elements 12 and a signal is sent (sound and light) to notify the end of the cooking process of the product. Open the door of the chamber 1, a rack 5 to roll out the finished product on the transport truck and drove t product to further processing. As compared with known objects for cooking food is steamed arrangement enables to improve the quality of the processed product, facilitate maintenance of the device, to reduce its size and improve reliability. This is achieved by the fact that the heat treatment ppodykJa vedets overpressure 30-150 mm water column while allowing the temperature uniformly over the volume chamber floor. This mode enables the processing of products to minimize wasteful heat loss and increase the efficiency of the device is 1.5 times as compared with the apparatus of the atmospheric pressure. At the specified pressure kvaziatmosfernom special strength is not required the device compared with devices operating at an excess pressure of 0.05-0.15 MPa (0.5-1.5 kg / cm), and does not require locking and securing the headset. The device can be used as a part of technological lines, and separately, such as passenger ships, railroad restaurants annual economic effect from the operation of one device is approximately more than 1300 rubles. CLAIMS 1. Apparatus for steam cooking foodstuffs, mainly fishes comprising a camera arranged inside it a nozzle roller for inputting and outputting a shelf pans E, eskost for collecting condensate and broth apparatus for generating steam in a chamber V prisposobMH. HUI-UU tion for controlling the vapor pressure in the chamber, safety and signaling fixture, chayuschees differ in that, in order to improve the quality of treatment and increase the reliability of the device, the device.For generating steam comprises two z communicating vessels, one of which is formed z-shaped G in 99290 parts 8 which is vertkalnoy regulytor float liquid level, and in another vessel is mounted heating element, said tube connecting the blood vessels, the perforated portion has \$ located under the heating element, and both vessels are connected by further overflow pipe, and means for controlling the vapor pressure in the chamber holds the SE as dvuhpolostnoy container in one of the cavities is mounted obliquely relative to the partition wall and a perforated bottom arranged level sensors, and in the upper part of the mouth, 15 stalled pipe connected to the atmosphere, and the other cavity capacitance connected at the top of pipe with a camera pans located 1 enes on stelae Lager in several tiers and rows with per-m zorami and nozzle located inside the camera vertically above each light brown trays towards one another in a staggered, with the passage section C-25 is selected depending on their height located voltage according to the formula diameter nozzles on K-th ruse, cm; Virus room with the top down; h for ne pa for you then but neither on the forward P to device performance, kg / h; J P vapor density, kg / m; Steam velocity V at the exit from the nozzle, m / sec; With the number of nozzles on a ruse; , l8-0, 28 coefficient dependent extending from telofizicheskikh product properties, its level of heating and heat loss in the processing of the product; number of tiers in the stack; 5 - exponent of K. 1,5

Classifications:

International (IPC 8-9): A47J27/04 (Advanced/Invention);
A47J27/04 (Core/Invention)

International (IPC 1-7): A47J27/04

PatBase - SU929048_R1



Family:

Publication number	Publication date	Application number	Application date
SU929048 A1	19820523	SU19802908291	19800408
SU929048 T	19820523	SU19802908291	19800408

Priority:

SU19802908291 19800408

Probable Assignee: GPKI RYBOPROMY FLOTA

Assignee(s): (std): GPKI RYBOPROMY FLOTA

Assignee(s): G PK I RYBOPROMYSLOVOGO FLOTA

Inventor(s): (std): PEKLO LEONID M ; SHVAKOV VALERIJ E ; TARELKINA MARGARITA B

Inventor(s): TARELKINA MARGARITA B SU ; SHVAKOV VALERIJ E SU ; PEKLO LEONID M SU

Abstract: The invention concerns assemblies consisting of colour television receiver sets designed for world intercommunication and with multiple functions and/or other audio-visual appliances equipped with high definition and/or very high definition digital and/or analog television screen with memory combined with audio-visual appliances equipped with TVCOM wave transmitters and/or receivers and with MIKROTELEC technology television environment systems designed for UNICOM. The inventive concepts and inventions are characterised in that they also include the complex MIKROTELEC technology concerning the additions or novel creations and improvements of the inventions described by Antoine MIKRUT in the French patents n 7725774 publication 2 401 589 and n 8712986 publication 2 620 888 applicable in particular in all state-of-the-art industries and fields and used in all places of recreation, residence as well as in vehicles on land, at sea and in the air. Said inventions provides the solution to problems encountered by users, in front of their (very high definition) colour television receiver set, equipped with MIKROTELEC wave-transceivers with their pre-programmed and/or programmable software in micromodules or microcomputers with remote control functions, and also equipped with television environment multipin connections connected to the audio-visual appliances themselves provided with MIKROTELEC wave-transceivers...

European: H04N5/44 T04N11/18



Publication number	Publication date	Application number	Application date
AU199868373 A1	19980922	AU19980068373	19980302
EP1042911 A1	20001011	EP19980913809	19980302
FR2760306 A1	19980904	FR19970002484	19970303
FR2760306 B1	20030711	FR19970002484	19970303
WO9839915 A1	19980911	WO1998FR00407	19980302

FR19970002484 19970303 WO1998FR00407 19980302

Inventor(s): ANTOINE MIKRUT

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR
GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO
RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US VU VN YU ZW

Title: Multiple media high definition television reception system

Abstract: The system integrates every possible type of TV reception and has an antenna with selectable position and polarisation to allow use on boats aircraft and cars. The integrated remote control allows selection of the language received.

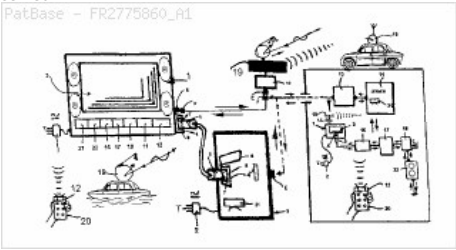
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International (IPC 8-9): H04N5/782 H04N7/10 H04N7/14 H04N7/173 (Advanced/Invention); H04N5/44 (Advanced/Non-invention)

International (IPC 1-7): H04N5/00

CPC: H04N5/44 H04N5/782 H04N7/10 H04N7/147 H04N7/17309

European: H04N5/782 H04N7/10 H04N7/14A3 H04N7/173B T04N5/44



Family:

Publication number	Publication date	Application number	Application date
FR2775860 A1	19990910	FR19980002517	19980303

Priority:
FR19980002517 19980303

Probable Assignee: MIKRUT ANTOINE

Assignee(s): (std): MIKRUT ANTOINE

Inventor(s): (std): MIKRUT ANTOINE

Title: FIRE-FIGHTING-RESCUE COMPLEX

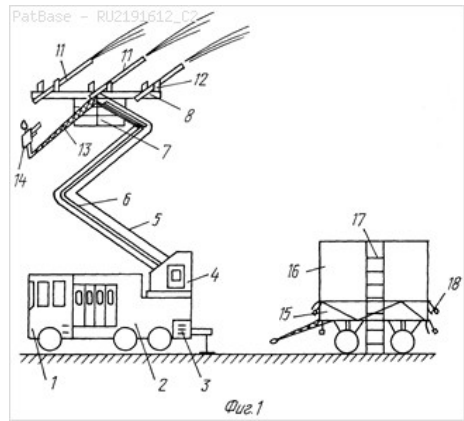
Abstract: Source: RU2191612C

FIELD: fire-fighting and rescue equipment. SUBSTANCE: complex has **tank** adapted for storage of fire-suppressing substance and mounted on vehicle and lifting device. **Tube** located on lifting device has distributing unit for supplying fire-suppressing **liquid** to fire guns fixed on controllable movable platforms mounted on single bracket. Cantilevered arm attached to bracket has video **camera** and projector. Vehicle has **truck** completed with rescue mats, ladder and tightening straps. Compressor for emergency inflating of mats is mounted on vehicle. Complex allows fire to be suppressed simultaneously in several fire zones of object and people to be actively rescued in extreme situations. EFFECT: increased efficiency and enhanced reliability in operation. 5 dwg

Classifications:

International (IPC 8-9): A62C27/00 (Advanced/Invention);
A62C27/00 (Core/Invention)

International (IPC 1-7): A62C27/00



Family:

Publication number	Publication date	Application number	Application date
RU2191612 C2	20021027	RU20010100129	20010103

Priority:

RU20010100129 20010103

Probable Assignee: ROSTOVSKIY G STR NYJ UNIVERSIT

Assignee(s): (std): ROSTOVSKIY G STR NYJ UNIVERSIT ; ROSTOVSKIY GOSUDARSTVENNYJ STROITEL NYJ UNIV

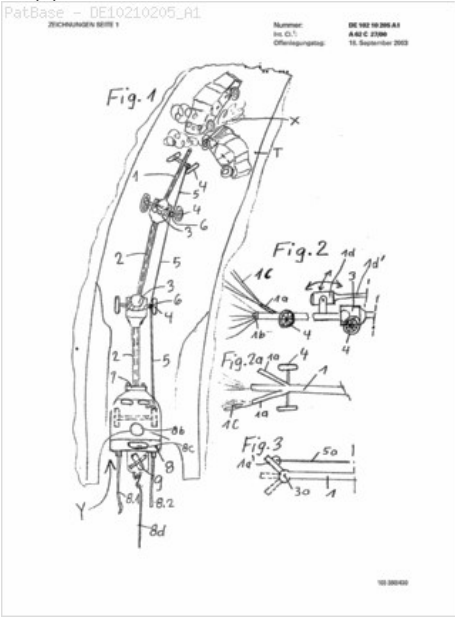
Assignee(s): ROSTOVSKIY GOSUDARSTVENNYJ STROITEL'NYJ UNIVERSITE ; ROSTOVSKIY GOSUDARSTVENNYJ STROITEL'NYJ UNIVERSITET

Inventor(s): (std): BOGUSLAVSKIY E I ; BOGUSLAVSKIY EI ; IVANOV V D ; IVANOV VD

Title: Universal extinguisher for difficult fire locations has heat resistant, mainly metal spraying hose in one piece of different lengths of from 50 to several hundred meters or with extension hoses (2) supported on wheels (4) at defined intervals for applying the extinguishing medium directly to the seat of a fire (X), e.g. in a tunnel (T), and a motorized special vehicle (8).

Abstract: The universal fire extinguisher consists of a heat resistant, mainly metal spraying hose (1) in one piece of different lengths of from 50 to several hundred meters or with heat-resistant extension hoses (2) supported on wheels (4) at defined intervals for applying the extinguishing medium directly to the seat of a fire (X), e.g. in a tunnel (T), and a motorized special vehicle (8).

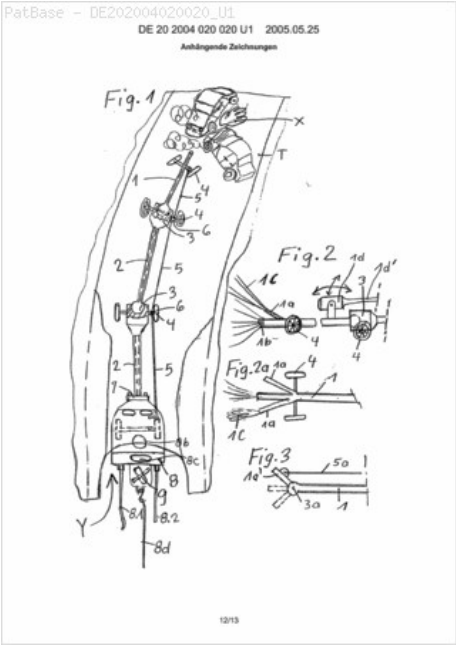
Classifications:
International (IPC 8-9): A62C27/00 A62C3/02 A62C99/00 (Advanced/Invention)
International (IPC 1-7): A62C27/00
CPC: A62C3/0221 A62C3/0292 A62C27/00 A62C99/00 A62C99/009
European: A62C27/00 A62C3/02F A62C3/02R A62C99/00 A62C99/00F



Title: FIRE EXTINGUISHER VEHICLE E.G. HELICOPTER, FOR USE IN E.G. SKYSCRAPER, HAS ARMORED STEEL VEHICLE WITH STEERING LINKAGE TO STEER WHEELS HOLDING PIPES, ALONG CURVES BASED ON OVERVIEW OF BURNING ACCIDENT PLACE OUTPUT BY DISPLAY TERMINAL

Abstract: The vehicle has pipes (2) serially connected by couplings (3), and placed on wheels (4) of an armored steel vehicle (8) by a screw flange (7). A display terminal with a picture-transferring cable provides an overview of a burning accident place. A steering linkage (5) of the vehicle (8) steers the wheels along curves based on the terminal output. A fireproof rope is fixed to the tail of the armored vehicle.

Classifications:
International (IPC 8-9): A62C27/00 A62C3/00 A62C31/07 A62C31/22 A62C31/24 (Advanced/Invention);
A62C27/00 A62C3/00 A62C31/00 (Core/Invention)
International (IPC 1-7): A62C27/00 A62C31/07 A62C31/22 A62C31/24
CPC: A62C3/00 A62C27/00 A62C31/22 A62C31/24
European: A62C27/00 A62C3/00 A62C31/22 A62C31/24



Family:

Publication number	Publication date	Application number	Application date
DE202004020020 U1	20050421	DE200420020020U	20041227

Priority:
DE200420020020U 20041227
Probable Assignee: LAMPART DIETER
Assignee(s): (std): LAMPART DIETER

Title: SYSTEM AND DEVICES FOR COLLECTING AND TREATING WASTE WATER FROM ENGINE WASHING

Abstract: Source: US2006081521A The present invention relates to the field of washing engines, particularly using washing **liquids** such as water and detergent or water only, and more specifically to systems, apparatus and a mobile cart comprising such a system for collecting and treating the waste water from engine washing operations. The system comprises a collecting device for collecting waste **liquid** during a washing operation of the engine and a treatment device for treating waste **liquid** collected during said washing operation. According to an embodiment, the system is arranged on a mobile cart (50) for serving an engine (1) during a washing operation of the engine (1) comprising a chassis provided with wheels. The mobile cart also includes adjusting means (73) for adjusting the vertical position of the **liquid** separating means (31) and/or adjusting means for adjusting the vertical position of the **liquid** collecting means (302, 36) relative the engine (1).

Classifications:

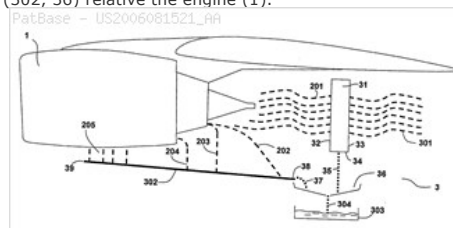
International (IPC 8-9): A47L11/00 A47L23/00 A47L3/00 B01D19/00 B01D35/01 B08B13/00 B08B3/00 B08B3/02 B08B3/04 B08B3/08 B08B3/12 B08B3/14 B08B5/02 B08B6/00 B08B7/00 B08B7/04 B08B9/00 B08B9/032 B64F5/00 C02F1/00 C02F9/00 C02F9/02 D06F15/00 D06F37/00 D06F39/00 F01D25/00 F02B77/04 F02C7/00 F02C7/04 F02D7/00 G01S15/10 (Advanced/Invention); B08B3/02 F01D25/00 F02C7/00 (Advanced/Non-invention); B01D19/00 B01D35/00 B01D35/01 B08B3/00 B08B3/02 B08B3/14 B08B5/02 B08B7/00 B08B7/04 B08B9/02 B64F5/00 C02F1/00 C02F9/00 C02F9/02 F01D25/00 F02B77/04 F02C7/00 F02D7/00 G01S15/00 (Core/Invention); B08B13/00 B08B3/00 B08B3/02 F02C7/00 (Core/Non-invention); B01D B08B F01D F02C (Subclass/Invention)

International (IPC 1-7): B01D19/00 B01D35/01 B08B3/00 B08B3/02 B08B3/08 B08B3/14 B64F5/00 C02F1/00 F01D25/00 F02C7/00

CPC: B08B17/00 F01D25/002 B08B9/00 B08B3/02

European: B08B17/00 B08B3/02 B08B9/00 F01D25/00B

US: 134/10 134/104.2 134/105 134/10S 134/113 134/167R 134/169A 134/172 134/174 134/198 134/22.1 134/33 134/33P 134/34 15/3 15/3P 210/171 210/241 210/241S 210/251 210/258 210/258S 210/263 210/266 210/266S 55/440



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20140562114	20141205				

Probable Assignee: ECOSERVICES LLC

Assignee(s): (std):	ASPLUND PETER ; ECOSERVICES LLC ; GAS TURBINE EFFICIENCY AB ; GAS TURBINE EFFICIENCY SWEDEN ; GEHZ TERBAJN IFFISHENSI AB ; HJERPE CARL JOHAN ; PRATT AND WHITNEY LINE MAINTENANCE SERVICES INC ; PRATT AND WHITNEY MAINTENANCE SERVICES INC ; PRATT AND WITNEY LINE MAINTENANCE SERVICES INC
Assignee(s):	PRATT AND WHITNEY MAINTENANCE SERVICES INC411 SILVER LANEEAST HARTFORDCT06118US ; PRATT AND WHITNEY LINE MAINTENANCE INC ; GAS TURBINE EFFICIENCY SWEDEN AB ; ECOSERVICES LLC9 FARM SPRINGS ROADFARMINGTONCT06032US
Inventor(s): (std):	JERPE KARL JOKHAN ; PETER HJERPE CARL JOHAN ASPLUN ; PETER ASPLUND ; CARL JOHAN HJERPE ; HJERPE CARL JOHAN ; ASPLUND PETER ; ASPLUND MR PETER
Inventor(s):	ASPLUND PETERSE ; HJERPE, CARL-JOHAN ; MR CARL JOHAN HJERPE ; HJERPE CARL JOHANSE ; HJERPE CARL JOHAN ASPLUND PETER ; JERPE KARL-JOKHAN ; MR PETER ASPLUND ; SPLUND PETER ; WO 2005 121509
Agent(s):	HOLMBERG NILS ANDERS PATRIK; BEIER RALPH; TOMLINSON KERRY JOHN; LINDGREN ANDERS; JACOBSON HOLMAN PLLC; IP GROUP OF DLA PIPER US LLP; DLA PIPER US LLP; KINNEY AND LANGE PA
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

This family is part of an extended family. Please click here to view the extended family.

Title: SYSTEM AND METHOD FOR IMPROVED ELECTRIC CARS AND/OR ELECTRICCAR BATTERIES AND/OR IMPROVED INFRASTRUCTURES FOR RECHARGING ELECTRIC CARS

Abstract: Source: CA2648972A The present invention enables improved and more efficient recharging of electric cars, preferably by using improved batteries and/or improved recharger arrangements in electric cars and/or in infrastructures that are used for recharging electric cars, and/or other improvements in the infrastructures, while preferably also protecting the electric grid from overload. This is preferably done for example by accumulating energy in service stations for example in special preferably high speed capacitors, such as for example one or more super capacitors, and/or for example one or more molten salt accumulators and/or for example in the new M1 batteries developed by A123 Systems or similar batteries or other fast batteries which can be recharged for example to 80 percent capacity within 5 minutes, or for example the similar fast new batteries by Toshiba or for example the BYD Iron Phosphate batteries or for example the Altair Nanotechnologies Nanosafe battery, so that preferably these accumulators can be used for example to recharge cars with M1 batteries or similar fast-recharge batteries, since otherwise the service station would need to have a huge capacity power supply to enable such fast recharges. Other covered variations include for example efficient methods of recharging the batteries preferably serially, either in the service station (based on a model of fast replacement of batteries at the service station), preferably after automatically sorting the batteries into more or less homogenous groups, or in the car itself for example by automatically rerouting the batteries or some of their elements in them during recharge so that they are recharged more serially than during the normal operation of the car, thus enabling recharge with less rechargers and/or at higher voltages and with less current and less problems of heat during recharge. Other described improvements include for example a system wherein when recharging the electric cars, for example rechargers and/or for example one or more central computers for example in the electric grid company and/or in the service provider take into account also car-specific parameters in order to optimize the recharging priorities, for example based on the state of their batteries and/or for example also based on additional parameters and/or heuristics and/or statistics and/or for example automatic repeated identification of cars based for example on a unique preferably digital ID number, so that for example the system can take into account also various regular and/or historical car-specific parameters and/or patterns and/or statistics, such as for example typical arrival and departure times, typical distances traveled, specific needs based on week days, etc. Other features include for example a system and method for alerting users when a parking and/or recharging post becomes available and/or reserving the post in advance. Other features include for example various improvements in the electric cars themselves.

Classifications:

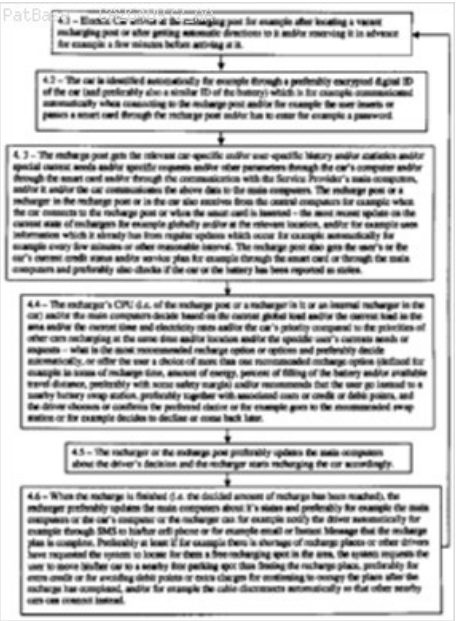
International (IPC 8-9): B60L11/18 H01M10/42 H01M10/44

H02J7/00 (Advanced/Invention);

B60L11/18 H01M10/42 H02J7/00 (Core/Invention)

CPC: B60L11/1874 B60L3/0046 B60L11/1818 B60L11/1822 B60L11/1825 B60L11/1838 B60L11/184 B60L11/1842 B60L11/1844 B60L11/1846 B60L11/1848 B60L11/185 B60L11/1875 B60L2230/16 B60L2250/10 B60L2270/36 Y02E60/721 Y02T10/7005 Y02T10/705 Y02T90/121 Y02T90/124 Y02T90/128 Y02T90/14 Y02T90/163 Y02T90/169 Y04S10/126 Y04S30/14 B60L2200/26 Y02T10/7088

European: B60L11/18L4A B60L11/18L6 B60L11/18L7A B60L11/18L7J B60L11/18L7J10 B60L11/18L7J12 B60L11/18L7J2 B60L11/18L7J4 B60L11/18L7J6 B60L11/18L7J8 B60L11/18M34D B60L11/18M34F B60L3/00F6 L60L230/16 L60L250/10 L60L270/36 Y02E60/72B Y02T10/70B Y02T10/70H4 Y02T10/70J4 Y02T90/12B Y02T90/12F Y02T90/12L Y02T90/14 Y02T90/16D Y02T90/16F4 Y04S10/12D Y04S30/14



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: GADASSI HAIM

Assignee(s): (std): GADASSI HAIM ; MAYER YARON

Inventor(s): (std): GADASSI HAIM ; MAYER YARON

This family is part of an extended family. Please click here to view the extended family.

Title: SYSTEM AND METHOD FOR IMPROVED ELECTRIC CARS AND/OR ELECTRIC CAR BATTERIES AND/OR IMPROVED INFRASTRUCTURES FOR RECHARGING ELECTRIC CARS.

Abstract: Source: AU2008264146A 23/12/08 Yaron Mayer and Haim Gadassi 1/1 System and method for improved electric cars and/or electric car batteries and/or improved infrastructures for recharging electric cars. ABSTRACT The present invention enables improved and more efficient recharging of electric cars, preferably by using improved batteries and/or improved recharger arrangements in electric cars and/or in infrastructures that are used for recharging electric cars, and/or other improvements in the infrastructures, while preferably also protecting the electric grid from overload. This is preferably done for example by accumulating energy in service stations for example in special preferably high speed capacitors, such as for example one or more super capacitors, and/or for example one or more molten salt accumulators and/or for example in the new M1 batteries developed by A123 Systems or similar batteries or other fast batteries which can be recharged for example to 80 percent capacity within 5 minutes, or for example the similar fast new batteries by Toshiba or for example the BYD Iron Phosphate batteries or for example the Altair Nanotechnologies Nanosafe battery, so that preferably these accumulators can be used for example to recharge cars with M1 batteries or similar fast-recharge batteries, since otherwise the service station would need to have a huge capacity power supply to enable such fast recharges. Other covered variations include for example efficient methods of recharging the batteries preferably serially, either in the service station (based on a model of fast replacement of batteries at the service station), preferably after automatically sorting the batteries into more or less homogenous groups, or in the car itself for example by automatically rerouting the batteries or some of them or elements in them during recharge so that they are recharged more serially than during the normal operation of the car, thus enabling recharge with less rechargers and/or at higher voltages and with less current and less problems of heat during recharge. Other described improvements include for example a system wherein when recharging the electric cars, for example rechargers and/or for example one or more central computers for example in the electrical grid company and/or in the service provider take into account also car-specific parameters in order to optimize the recharging priorities, for example based on the state of their batteries and/or for example also based on additional parameters and/or heuristics and/or statistics and/or for example automatic repeated identification of cars based for example on a unique preferably digital ID number, so that for example the system can take into account also various regular and/or historical car specific parameters and/or patterns and/or statistics, such as for example typical arrival and departure times, typical distances traveled, specific needs based on week days, etc. Other features include for example a system and method for alerting users when a parking and/or recharging post becomes available and/or reserving them in advance. Other features include for example various improvements in the electric cars themselves. 23/12/08 Yaron Mayer and Haim Gadassi 2/3 Fig. 3 3.1 - Electric Car arrives for recharge service 3.2 - The empty batteries are quickly removed and 4 replaced with recharged batteries 3.3 - The removed empty batteries are quickly examined in order to check if there are batteries which are already at the end of their life or otherwise damaged, and in order to sort them into more or less homogenous groups 3.4 - if the car is not in a battery insurance plan the user has to pay something for the problematic battery or batteries 3.5 - Car leaves 3.6 - The removed empty batteries are automatically sorted into more or less homogenous groups according to various parameters and are moved to the group serial recharger preferably with the help of conveyor belts 3.7 - The empty batteries are recharged preferably at night - preferably serially within each group, and multiple groups are recharged in parallel at the same time 3.8 - When a new set of recharged batteries is requested the system preferably automatically picks up a mix from various groups in order to create a heterogeneous set

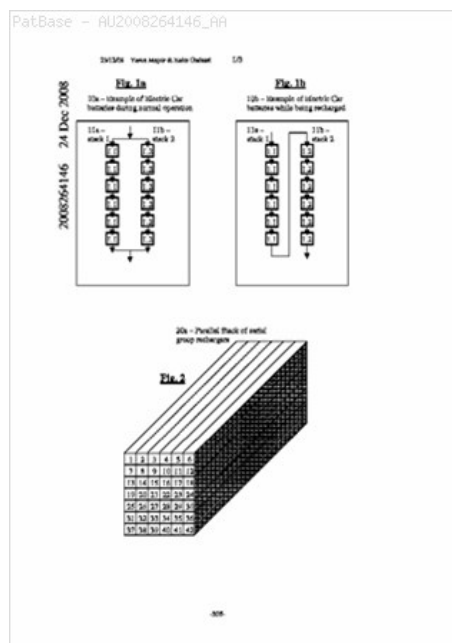
Classifications:

International (IPC 8-9): B60L9/00 H01M10/44 H02J15/00 H02J3/28 H02J3/46 H02J7/00 (Advanced/Invention);

B60L9/00 H01M10/42 H02J15/00 H02J3/28 H02J3/46 H02J7/00 (Core/Invention)

CPC: Y02T10/7005

European: Y02E60/12



Family:

Publication number	Publication date	Application number	Application date
AU2008264146 AA	20090709	AU20080264146	20081224

Priority:

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Probable Assignee: MAYER YARON MR

Assignee(s): (std): GADASSI HAIM ; MAYER YARON

Assignee(s): MAYER YARON MR ; YARON MAYER ; HAIM GADASSI

Inventor(s): (std): GADASSI HAIM ; MAYER YARON

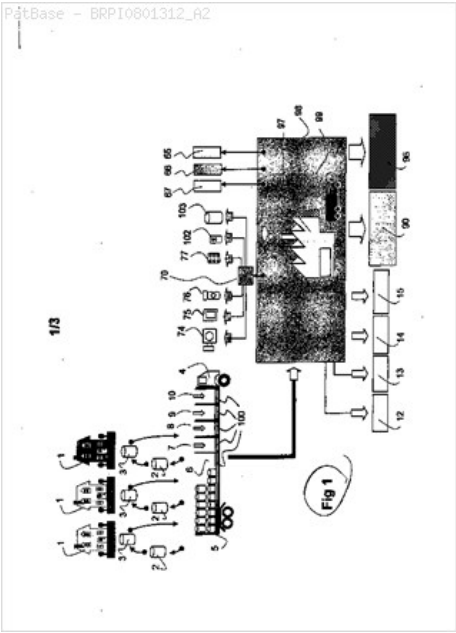
Inventor(s): YARON MAYER ; HAIM GADASSI

Title: sistema modular de coleta, transporte e industrializacao de residuos solidos domesticos Modular system of collection, transportation and industrialization of domestic solid waste (Machine translation)

Abstract: Source: BRPI0801312A SISTEMA MODULAR DE COLETA, TRANSPORTE E INDUSTRIALIZACAO DE RESIDUOS SOLIDOS DOMESTICOS. Patente de invencao referente a um sistema que possibilita a industrializacao de residuos solidos provenientes da atividade domestica da area urbana e/ou rural, abrangendo um metodo diferenciado para a coleta dos residuos solidos da atividade domestica, metodo diferenciado para o transporte dos residuos solidos previamente coletados, metodo/tecnologia diferenciada para o processamento do residuo solido organico, metodo diferenciado para o processamento dos produtos gasosos resultantes do processamento do residuo solido organico, metodo diferenciado para o processamento do material solido resultante do processamento do residuo solido organico e apresentacao de alternativas de aplicacao/uso dos produtos solidos, liquidos e gasosos resultantes dos processos, bem como, de alternativas de uso dos outros materiais que compoem os residuos solidos provenientes da atividade domestica, entre os quais de encontram os materiais reciclaveis. O sistema recebeu original implementacao/montagem/construcao/operacao, com vistas a melhorar a eficiencia, os custos de montagem, construcao, instalacao, operacao, bem como, a reducao do espaco para instalacao, versatilidade de sua aplicacao e principalmente por possuir caracteristicas de sustentabilidade ambiental quando comparado com os processos convencionais.

Machine translation: MODULAR collection, transportation and industrialization of domestic solid waste. Patent for invention relating to a system that enables the industrialization of solid waste from the urban area of domestic activity and / or rural, covering a different method for collection of solid residues from domestic activities, different methods for the transport of solid waste collected in advance, method / differentiated technology for processing organic solid waste, different methods for processing the gaseous products resulting from the processing of organic solid waste, different methods for processing the resulting solid material of organic solid waste processing and presentation of alternative arrangements for implementing / use of solids, liquids and gases from production processes, as well as alternatives for use of other materials that make up solid waste from domestic activities, including the materials are recyclable. The system received the original implementation / installation / construction / operation, in order to improve efficiency, assembly costs, construction, installation, operation, and the reduction of space for installation, versatility of your application and especially because it has characteristics of environmental sustainability when compared with conventional processes.

Classifications:
International (IPC 8-9): B09B5/00 (Advanced/Invention);
B09B5/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
BRPI0801312 A2	20091124	BR2008PI01312	20080410

Priority:
BR2008PI01312 20080410

Probable Assignee: SECRETARIA DE ESTADO DA CIENCI

Assignee(s): (std): MOREJON CAMILO FREDDY MENDOZA ; SECRETARIA DE ESTADO DA CIENCI ; UNIV ESTADUAL DO OESTE DO PARA
Assignee(s): UNIVERSIDADE ESTADUAL DO OESTE DO PARANA ; SECRETARIA DE ESTADO DA CIENCIA TECNOLOGIA E ENSINO SUPERIOR SETI ; CAMILO FREDDY MENDOZA MOREJON

Inventor(s): (std): MOREJON CAMILO FREDDY MENDOZA ; LINDINO CLEBER ANTONIO ; LAUFER ANGELA ; DE LIMA JANDIR FERRERA ; DA ROCHA WEIMAR FREIRE JR ; BARICCATTI REINALDO APARECIDO

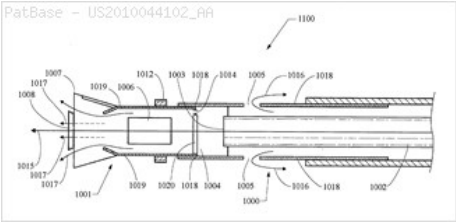
Inventor(s): ANGELA LAUFER ; WEIMAR FREIRE DA ROCHA JR ; REINALDO APARECIDO BARICCATTI ; CLEBER ANTONIO LINDINO ; CAMILO FREDDY MENDOZA MOREJON ; JANDIR FERRERA DE LIMA

Title: METHODS AND APPARATUS FOR REMOVAL AND CONTROL OF MATERIAL IN LASER DRILLING OF A BOREHOLE

Abstract: Source: US2010044102A There is provided a system, apparatus and methods for removal of material for the path of a laser beam during laser drilling of a borehole and for removal of displaced borehole material from the borehole during laser drilling. In particular, there are provided paths, dynamics and parameters of fluid flows, and apparatus for obtaining such, for use in conjunction with a laser bottom hole assembly.

Classifications:

International (IPC 8-9): B01J19/12 B23K26/00 B23K26/08 B23K26/12 B23K26/14 B23K26/16 B23K26/24 B23K26/38 B23K26/40 B23P11/00 B63B35/28 B63G8/00 B63G8/08 B65H55/00 B65H59/00 E01C23/08 E01C23/12 E21B10/00 E21B10/50 E21B10/54 E21B10/60 E21B17/00 E21B17/20 E21B19/22 E21B21/00 E21B21/10 E21B21/14 E21B21/16 E21B23/00 E21B23/14 E21B29/00 E21B33/12 E21B33/13 E21B4/02 E21B4/04 E21B43/00 E21B43/11 E21B43/14 E21B43/19 E21B43/26 E21B43/267 E21B44/00 E21B47/00 E21B47/113 E21B47/12 E21B7/00 E21B7/14 E21B7/15 E21B7/16 E21C35/00 E21C37/16 E21C37/18 E21C41/00 E21D9/10 F21V15/01 F21V15/06 F21V29/00 F21V8/00 G01J1/04 G02B27/14 G02B6/02 G02B6/36 G02B6/42 G02B6/44 H01J27/24 H01J40/14 H01L21/00 H01L31/00 H01L31/055 H01S3/00 H01S3/30 H02G1/08 H04B10/079 (Advanced/Invention); E21B15/00 E21B43/00 E21B43/16 E21B49/00 E21B7/04 (Advanced/Non-invention); B65H55/00 E21B17/00 E21B7/00 E21B7/14 G02B6/44 (Core/Invention) **CPC:** E21B4/18 E21B17/203 E21B21/08 E21B21/12 E21B21/16 B23K26/121 G02B6/3814 G02B6/4436 G02B6/4492 G02B6/3813 G02B6/3818 H01L31/03046 Y02E10/544 G01M5/0025 G01M5/0033 G01M5/0091 G01M11/35 H04B10/807 G02B6/502 H01L2224/45147 G02B6/32 G02B6/3624 B23K26/1458 B23K26/14 B23K26/1405 B08B9/055 E21B29/00 E21B43/11 H01L2924/01015 H01L2924/01047 H01L2924/00014 E21B33/1204 E21B33/13 B23K26/0096 B63B35/28 B23K26/381 E21C37/18 E21C41/00 E21D9/1073 E21B21/103 G02B6/443 G02B6/4413 B23K26/0626 B23K26/407 B23K37/0288 B23K2203/00 E02B2017/0095 E21D9/10 B23K26/24 B23K26/36 G02B6/4402 G02B6/4415 E01C23/08 E21B4/02 E21C25/00 E21D9/08 B23K26/00 E01C23/12 E21B10/60 E21B44/00 E21B36/00 E21B33/076 E21B36/04 E21B37/00 E21B37/08 F17D5/00 B08B9/04 B08B9/0436 E21B41/04 B08B7/0071 B08B9/023 B08B9/027 B63G8/001 G02B6/4296 E21B7/15 B23K26/0093 B23K26/0648 B23K26/10 B23K26/38 B23K26/403 E21B4/04 E21B7/14 E21B2023/008 B23K26/285 H01L31/0201 H01L31/022433 H01L31/0508 H01L31/054 B08B7/0042 B23K26/0639 B23K26/0652 B23K26/106 B23K26/127 B23K26/1417 B23K26/1464 B23K2203/10 E02B2017/0052 E21B19/002 E21B29/02 E21B43/162 E21B49/00 E21B43/119 E21B33/12 E21B43/267 E21B47/00 E21B47/12 E21B43/26 **European:** B08B7/00S2 B23K26/00M B23K26/06C B23K26/06C3 B23K26/06C5 B23K26/10 B23K26/10R1 B23K26/12B B23K26/12F B23K26/14D B23K26/14N1 B23K26/38 B23K26/40B7 B63G8/00B E21B10/60 E21B17/20B E21B21/08 E21B21/12 E21B21/16 E21B4/18 E21B7/14 E21B7/15 G02B6/44C1 G02B6/44C6 G02B6/44C7A H04B10/807 L23K203/10 S02B6/42H S02B6/44C10 S02B6/44C5B S02B6/44C6 S02B6/44C7A S02B6/44C7F **US:** 114/26 114/312 114/337 166/242.2 166/250.1 166/280.1 166/288 166/297 166/376 166/384 166/385 166/55.1 166/55.2 166/65.1 166/65.100S 166/66 166/77.1 166/77.2 175/107 175/11 175/15 175/15P 175/16 175/162 175/16P 175/16S 175/40 175/424 175/57 175/65 175/65S 175/92 175/92S 219/121.61 219/121.67 219/121.670S 219/121.7 219/121.72 219/121.720P 219/121.84 219/60R 219/61 242/159 242/159S 250/215 250/227.11 250/492.1 250/492.100P 254/134.3FT 254/134.3R 254/134.4 29/428 29/428S 299/14 299/29 362/259 362/317 362/553 362/553S 372/14 372/4 385/100 385/104 385/109 385/109P 385/111 385/12 385/13 385/134 385/88 385/89 385/92 385/93 385/94



Family:

Publication number	Publication date	Application number	Application date
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Inventor(s): DEUTSCH PAUL D

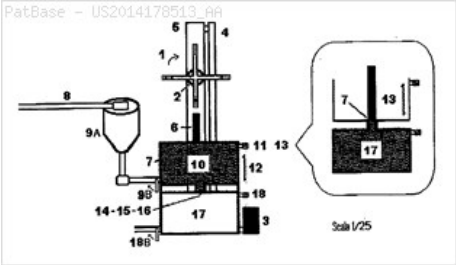
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK
DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP
KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE
PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ
VC VN ZA ZM ZW

Title: NON IONIC/ELECTROLYTE, **L**iquid/GASEOUS, MECHANICALLY REFINED/NANOPARTICLE DISPERSION BUILDING MATERIALS/HIGH WEAR-HEAT RESISTANT PART BRUSHES, WINDINGS, BATTERY CELLS, BRAKE PADS, DIE CAST MOLDING, REFRIGERATION, POLARIZED/INTEGRATED OPTICAL, SPECTROMETRIC PROCESSORS, CENTRAL PROCESSOR UNIT PROCESSORS, ELECTRONIC STORAGE MEDIA, ANALOGOUS SERIES/PARALLEL CIRCUIT GENERATORS/TRANSCIEVERS, PARTICULATE MATTER PM CARBONACEOUS-POLYAMIDE, CRYSTALLINE SILICA, AND CELLULOSIC FILAMENT EXTRACTION/MINERS SUIT

Abstract: Source: US2014178513A The variable hydraulic press and distillation reservoir process scientific formula non ionic or electrolyte mechanically refined and nanoparticle dispersion preform slurry extrusion with or without ionic suspension Preform slurry high wear-heat resistant parts electronic composite coils, windings, annealing, drawn, spun, coils, windings, wire, woven textile mesh, shielding, parts brushes, inductors, antinode couplers, electric rheostats, starters, motors, alternators, generators, ionic suspension enhanced composite coils, composite windings, spun wound coils and windings beryllium Be4, magnesium Mg12, copper Cu29 and carbon nanofoam C6, electronic parts capacitors, ionic suspension circuit battery cells, electronic parts rheostats, resistors, transformers, transducers, rectifiers, power supplies, or heat sinks Preform slurry high wear-heat resistant parts aerospace, automotive, and transportation brake calipers, rotors, pads, and bushings Preform slurry non ionic or electrolyte mechanically refined and nanoparticle high wear-heat resistant parts precision casting molds 2.5 phase die cast molding Building Materials fine concrete, mortar, brick, and tiles.

Classifications:
International (IPC 8-9): B29C47/00 (Advanced/Invention)
CPC: B29C47/0004 B29C47/54
US: 425/6



Family:

Publication number	Publication date	Application number	Application date
US2014178513 AA	20140626	US20120726531	20121224

Priority:
US20120726205 20121223 US20120726531 20121224
Probable Assignee: MATTHEWS ROBERT RICHARD
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