

[SS 5] ..fi epodoc

 Database: EPODOC

[EPODOC: SS 5] (trim or base or cover) and electric and (switch or button)

Results in EPODOC 38.137

[SS 6] * and wall

Results in EPODOC 4.126

[SS 7] * and assembly

Results in EPODOC 281

[SS 8] * and pd<2014-07-21

Results in EPODOC 194

[SS 9] ..v

[EPODOC: SS 9] ..li 1-10



1/194 © EPODOC / EPO

PN - [CN203681707U](#) U 20140702

PR - CN2014253088U 20140127

AP - CN2014253088U 20140127

DT - I

PA - DAILYMAG MOTOR NINGBO LTD

TI - **Electric** double-brace foot and vehicle

AB - The utility model discloses an **electric** double-brace foot and vehicle. The **electric** double-brace foot comprises a **base** which is arranged on a storage battery car or a motorcycle chassis and a motor which is arranged on the **base**, the two ends of the motor are respectively provided with an output shaft, the two sides of the **base** are respectively provided with a lifting **assembly** which is vertically arranged, the motor output shaft is connected with the lifting **assembly** through a reduction gear, and a control circuit plate is arranged inside the chassis. The lifting **assembly** comprises a transmission tube, a connecting block, a lead screw nut, a lead screw and a lifting tube, wherein the connecting block, the lead screw nut, the lead screw and the lifting tube are arranged in the transmission tube, the lead screw is connected with the inner **wall** of the transmission tube through the connecting block to form a coaxial rotating body, the

lead screw nut is arranged on the lead screw, the lifting tube which is coaxially arranged with the lead screw is arranged on the lead screw nut, and the lead screw drives the lead screw nut to drive the lifting tube to rise or fall. By the adoption of the electrically controlled **electric** brace foot, easy parking can be achieved just by pressing a parking **button**. An integrated control device is additionally arranged, so that the operation is convenient, safe and reliable, and the anti-theft function is also achieved. Humanization and technicalization of the future **electric** vehicle industry can be promoted to a certain degree.

2/194 © EPODOC / EPO

PN - [US2014175130](#) A1 20140626

PR - US201213726432 20121224

AP - US201213726432 20121224

DT - *; Rep

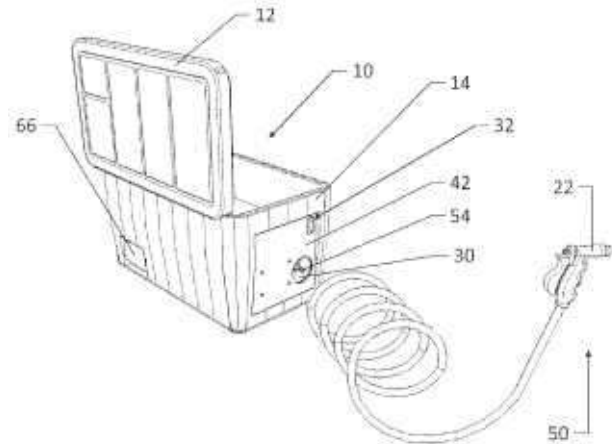
CCI - [A45C11/20](#) ; [A45C15/00](#)

CCA - [B05B9/01](#) ; [B05B9/0403](#)

PA - WHEELLESS JUSTIN [US]

TI - Container with Power Wash

AB - The container disclosed has a first compartment and a second compartment. The first compartment is formed by a sidewall extending upward from a **base** and a top and is capable of storing water. The second compartment is formed by a removable section and the side **wall** of the first compartment. A pump **assembly** and **switch assembly** are housed in the second compartment. A first tube extends from the pump **assembly** in the second compartment through a first opening in the side **wall** to the first compartment. Pump **assembly** connects to a power source by an **electric** wire. An optional third compartment can house an internal power source. When activated pump **assembly** provides suction to first tube which collects water from first compartment. Water is pressurized in a high pressure pump and expelled through a nozzle conduit and spray nozzle



for use.

3/194 © EPODOC / EPO

- PN - [CN203660141U](#) U 20140618
- PR - CN20132526224U 20130828
- AP - CN20132526224U 20130828
- DT - I
- PA - XIANG JINGCHANG
- TI - **Wall** socket with USB socket on toughened glass panel
- AB - The utility model relates to the technical field of **switch** socket **electric** appliances, and especially relates to a **wall** socket with a USB socket on a toughened glass panel. The socket comprises a fixing **base** plate, and a socket **assembly** and a protection panel disposed on the fixing **base** plate. A front surface of the protection panel is provided with a toughened glass panel layer. The socket **assembly** comprises a USB circuit board and a USB socket disposed on the USB circuit board. The toughened glass panel layer is transparent and beautiful, and enhances integrated decorative effect. The toughened glass panel layer has relatively good light reflection effect. Under dimly lit environment, the **switch** socket can be rapidly found through the reflection effect of the toughened glass panel layer. When a mobile phone or other mobile devices needs charging, the socket realizes charging by connecting a USB end of a data line with the USB socket of the **wall** socket, and a large volume charger device does not need plugging on the **wall** socket additionally, so space of the **wall** socket is greatly saved, and the **wall** socket is convenient and practical.

4/194 © EPODOC / EPO

- PN - [CN203644655U](#) U 20140611
- PR - CN20132824965U 20131213
- AP - CN20132824965U 20131213
- DT - I
- PA - SHANGHAI HAOSAI ELECTRICAL APPLIANCES CO LTD
- TI - High pressure direct pneumatic SF6 load **switch** device
- AB - The utility model relates to a high pressure direct pneumatic SF6 load **switch** device. The high pressure direct pneumatic SF6 load **switch** device comprises a static contact, an arc ignition needle, a moving contact **assembly**, an arc extinguishing **cover**, a **switch** box, a contact clamp **assembly**, a connecting rod, a crank arm, a shielding ring and a bus bar, the static contact is fixedly arranged at the upper end of the arc extinguishing **cover**, the arc ignition needle is arranged in the static contact, the moving contact **assembly** is arranged in the arc extinguishing **cover**, the moving contact **assembly** and the inner **wall** of the arc extinguishing **cover** are contacted to form a closed cavity, and the arc extinguishing **cover** and the **switch** box are fixedly connected. By adopting the above structure, a sealing ring of the moving contact **assembly** and the inner **wall** of the arc extinguishing **cover** are contacted to form the closed cavity, when the load **switch** is switched off, a mechanism drives the crank arm to rotate, the moving contact **assembly** is driven to move downwardly via the connecting rod, SF6 gas in the closed cavity is compressed, the compressed SF6 gas injects out from a nozzle at an ultra-high speed, and **electric** arc between the arc

ignition needle and an arc contact is extinguished.

5/194 © EPODOC / EPO

- PN - [CN203617203U](#) U 20140528
- PR - CN20132849160U 20131220
- AP - CN20132849160U 20131220
- DT - I
- PA - HUANGSHAN AUTOMASTER ELECTRIC CO LTD
- TI - Rear **cover assembly** of ignition **switch**
- AB - The utility model discloses a rear **cover assembly** of an ignition **switch**. The rear **cover assembly** comprises a rear **cover** housing, and a contact bridge **assembly** rotating along with an ignition **switch** rotary block, wherein a group of stationary contact pieces are arranged on the side **wall** of the rear **cover** housing, a center contact piece is arranged at the central position inside the rear **cover** housing, one end of the contact bridge **assembly** coordinates and is conductive with the stationary contact piece, a center contact point coordinating and conductive with the center contact piece is arranged at the central position of the contact bridge **assembly**, the rear **cover** housing is also provided with a track groove, and the other end of the contact bridge **assembly** is pressed against the track groove. With arrangement of the track groove, one of the stationary contact pieces and the center contact piece first contacts and is conductive with the contact bridge **assembly** and then disconnects the contact bridge **assembly**, and the anti-**electric** corrosion strength of the next contact piece conductive with the contact bridge **assembly** is higher than that of the previously conductive contact piece. According to the rear **cover assembly** of the ignition **switch**, the total amount of the contact pieces is effectively reduced, costs of parts are lowered, the anti-**electric** corrosion strength of the ignition rear **cover** is raised, and the service life of the ignition **switch** is prolonged. The rear **cover assembly** can be widely applied to the ignition **switch** field.

6/194 © EPODOC / EPO

- PN - [CN103818496](#) A 20140528
- PNFP - CN103818496B B 20170215
- PR - CN2014139595 20140127
- AP - CN2014139595 20140127
- DT - I
- CT - || STSE (A)
[CN203078636U](#) U 20130724 [Y] (CHANGZHOU CITY AIDUO POWER SCIENCE & TECHNOLOGY CO LTD)
[Y] 1-5
* 说明书第[0022]-[0034]段, 附图1-3 *;
[US2005156403](#) A1 20050721 [A] (LABONTE DAN [CA], et al)
[A] 1-5
* 全文 *;
[CN2447257Y](#) Y 20010912 [A] (YIN XIULONG [CN])
[A] 1-5;
[CN203318563U](#) U 20131204 [Y] (CHANGZHOU AIDUO POWER TECHNOLOGY CO LTD)

[Y] 1-5

* 说明书第[0026]-[0037]段，附图1-4 *;

[CN203681707U](#) U 20140702 [R] (DAILYMAG MOTOR NINGBO LTD)

[R] 1-5

* 权利要求1-5 *;

[CN102923210](#) A 20130213 [A] (CHANGZHOU AIDUO POWER TECHNOLOGY CO LTD)

[A] 1-5

* 全文 *;

[EP0175414](#) B1 19890426 [A]

[A] 1-5

* 全文 *

PA - (A)
DAILYMAG MOTOR NINGBO LTD

TI - (A)
Electric main stand and vehicle

AB - (A)
The invention discloses an **electric** main stand comprising a **base** and a motor. The **base** is disposed on an E-bike or motorcycle chassis. The motor is disposed on the **base**. Two ends of the motor are provided with output shafts. Two sides of the **base** are provided with vertical lifting assemblies. The output shafts are connected with the lifting assemblies through reducers. A control circuit board is disposed in the **base**. Each lifting **assembly** comprises a transmission tube, a connecting block, a screw nut, a screw, and a lifting tube; the connecting block, the screw nut, the screw and the lifting tube are disposed in the transmission tube; the screw is connected with the inner **wall** of the transmission tube through the connecting block to form a coaxial rotor; the screw nut is disposed on the screw and provided with the lifting tube; the lifting tube and the screw are coaxial; the screw drives the screw nut to drive the lifting tube to ascend and descend. A vehicle can be parked easily just by pushing a park **button**, by the aid of the **electric** main stand. An integrated control device is added to guarantee simplicity of operation, safety and reliability, and burglar prevention. The future industry of **electric** vehicles can be partly promoted to be more humanized and technical.

7/194 © EPODOC / EPO

PN - [CN203493446U](#) U 20140326

PR - CN20132577200U 20130917

AP - CN20132577200U 20130917

DT - I

PA - MIDEA GROUP CO LTD; GUANGDONG MIDEA CONSUMER ELECTRIC MFG CO LTD

TI - **Switch assembly** of **electric** kettle and **electric** kettle

AB - The utility model discloses a **switch assembly** of an **electric** kettle and the **electric** kettle. The **switch assembly** comprises a kettle body bottom **cover**; an installation cavity whose upper end is opened is formed in the kettle body bottom **cover**; the **switch assembly** also comprises a temperature controller which is mounted in the installation cavity; the **switch assembly** also comprises a steam box which is arranged on the temperature controller so as to lead steam to a temperature sensing sheet of the temperature controller; the **switch assembly** also comprises a **switch** support which can be connected with the steam box in a pivoted manner, wherein a first end of the **switch**

support is suitable for cooperating with the temperature controller so as to turn on the temperature controller, and a second end is formed in a through hole in the side **wall** of the kettle body bottom **cover** and extends out of the installation cavity; and the **switch assembly** further comprises a press **cover** which can be detachably arranged on the second end of the **switch** support. The **switch assembly** is convenient to press, simple in structure, easy to assemble, big in structural strength, clean, healthy and beautiful in appearance, and manufacture materials are saved.

8/194 © EPODOC / EPO

PN - [CN103629271](#) A 20140312

PNFP - CN103629271B B 20160302

PR - CN20121297515 20120821

AP - CN20121297515 20120821

DT - I

CT - || STSE (A)
[GB2333335](#) B 20020515 [A] (LANSING LINDE LTD [GB])
 [A]
[CN202746459U](#) U 20130220 [R] (NINGBO JOYO GARDEN TOOLS CO LTD)
 [R]
[US4979596](#) A 19901225 [Y] (ROLLER LEE E [US])
 [Y]
[CN2827677Y](#) Y 20061018 [A] (KONG ZHAO [CN])
 [A]
[US5086890](#) A 19920211 [A] (TURCZYN JAMES F [US], et al)
 [A]
[US4419857](#) A 19831213 [Y] (SMITH LAVERNE D [US])
 [Y]
[CN201801736U](#) U 20110420 [A] (HAICHAO LIN)
 [A]
[CN102550307](#) A 20120711 [A] (ZHEJIANG YAT ELECTRIC APPLIANCE CO LTD)
 [A]
[JPH08105465](#) A 19960423 [A] (KUBOTA KK)
 [A]

PA - (A)
 NINGBO JOYO GARDEN TOOLS CO LTD

TI - (A)
 Mechanical brake structure

AB - (A)
 A mechanical brake structure comprises a **base** and a brake **assembly** installed on the **base**. The mechanical brake structure is characterized in that the brake **assembly** comprises a round brake disc, a brake lever and a micro **switch**. The round brake disc is connected with a rotor of a motor. The brake lever is provided with a brake block and rotatably arranged on the outer side of the brake disc in a limiting mode, the lower end of the brake lever is arranged on the **base** in a rotatable mode, the outer side of the upper end of the brake lever is connected with an inhaul cable **assembly**, the inner side of the upper end of the brake lever is connected with a tension spring, the tension spring enables the brake lever to rotate inwards all the time, and therefore the trend

that the brake block and the brake disc are tightly attached is formed. The micro **switch** is arranged on the outer side of the brake lever, when the inhaul cable is pulled, and the brake lever rotates outwards, the brake block on the inner side of the brake lever is separated from the brake disc, the outer **wall** of the brake lever abuts against the micro **switch**, and a power source is connected, so that the motor works. The mechanical brake structure is simple in structure, clear in principle, reliable in brake function and capable of being widely applied to gardening tools including an **electric** hoe and others and meets the European Union requirement for braking within two seconds.

9/194 © EPODOC / EPO

- PN - [CN203456383U](#) U 20140226
- PR - CN20132548962U 20130904
- AP - CN20132548962U 20130904
- DT - I
- PA - MIDEA GROUP CO LTD; GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MFG CO LTD
- TI - **Switch assembly of electric kettle and electric kettle**
- AB - The utility model discloses a **switch assembly** of an **electric** kettle and the **electric** kettle. The **switch assembly** of the **electric** kettle comprises a bottom plate, a bottom **cover**, a temperature controller, a key, and a steam box. The bottom of the bottom plate is open, and a side **wall** of the bottom plate is provided with a key hole and a top **wall** is provided with a steam hole. The bottom **cover** is disposed on the bottom of the bottom plate and a storage space is defined between the bottom plate and the bottom **cover**. The temperature controller is disposed in the storage space, and the temperature controller is provided with a shifting fork. The key is disposed on the bottom plate and in a pivot manner, and an inner end of the key extends into the storage space. The key is configured to be separated from the shifting fork, and move the shifting fork when the key is touched. The steam box is disposed in the storage space and is communicated with the steam hole. The steam box is configured to guide steam to the temperature controller. The **switch assembly** of the **electric** kettle is high in security, and is convenient for users to use.

10/194 © EPODOC / EPO

- PN - [CN203456382U](#) U 20140226
- PR - CN20132547971U 20130904
- AP - CN20132547971U 20130904
- DT - I
- PA - MIDEA GROUP CO LTD; GUANGDONG MIDEA LIFE ELECTRICAL APPLIANCE MFG CO LTD
- TI - **Switch assembly of electric kettle and electric kettle**
- AB - The utility model discloses a **switch assembly** of an **electric** kettle and the **electric** kettle. The **switch assembly** of the **electric** kettle comprises a bottom plate, a bottom **cover**, a temperature controller, a key, and an upper **cover** and a lower **cover**. The bottom of the bottom plate is open, and a side **wall** is provided with a key hole. The bottom **cover** is disposed on the bottom of the bottom plate and a storage space is defined between the bottom plate and the bottom **cover**. The temperature controller is disposed in the storage space, and the temperature controller is provided with a shifting fork. The key is

disposed on the bottom plate and in a pivot manner. An inner end of the key extends into the storage space so as to be suitable to move the shifting fork. The upper **cover** and the lower **cover** are disposed on an outer end of the key and are cooperated with each other. The **switch assembly** is simple in manufacturing process, beautiful in appearance, and is more convenient to press the key.

[SS 9]