

CN204802009 - Mobile ice cream car of solar energy

Description Translated

The utility model relates to a solar mobile ice cream car including a tricycle, the tricycle is provided with a platform in which a battery is provided in the cavity, and a bracket, a solar panel and an LED lamp are arranged. The four corners of the platform are respectively provided with one of the brackets And the bracket is vertically fixed on the end face of the platform, the bracket is a hollow tube, the bracket is provided with a telescopic tube, the top of the four supports on the platform erecting two of the solar panels, two solar cells The solar panel is provided with a power supply line, one end of the power supply line is connected with a solar panel, and the other end is connected with the battery through the center of the bracket, and the edge of the solar panel There is provided a plurality of uniformly distributed LED lamps which are electrically connected to the battery.

Solar flow ice cream car

Technical field

The utility model relates to the technical field of flowing ice cream car, and in particular relates to a solar powered ice cream car.

Background technique

In the prior art, in order to facilitate the sale of ice cream, the sale of ice cream is generally carried out by a mobile trader. However, the power supply of the trader in the prior art is installed on the vehicle by adding the battery to the vehicle , For the refrigerator to cool the ice cream raw materials and for the power of the car, when the ice cream car travel, often encountered power exhaustion, cannot make ice cream normal preservation, and cannot provide enough power to drive home The user has a lot of trouble, and the ice cream car at night, need to have a place where the light can be found by the purchaser, and the night light is very poor, is not conducive to the seller selling ice cream.

Utility model content

In view of this, it is necessary to provide a solar powered ice cream car that can be self-charging to ensure that the electricity is sufficient, can make the car travel, and can guarantee ice cream insurance, have enough power to return the car, and easy to sell ice cream at night.

The utility model is realized as follows. The solar mobile ice cream car includes a tricycle, the tricycle is provided with a platform, the battery is provided in the

cavity of the platform, and the bracket, the solar panel and the LED lamp are arranged, and the four corners of the platform are respectively set A bracket is vertically fixed to the end face of the platform, the bracket is a hollow tube, the bracket is provided with a telescopic tube, two of the four stents on the platform are erected with two of the solar panels, Two solar panels are herringbone shaped to form a roof, the solar panel is provided with a power supply line, one end of the power supply line is connected with a solar panel and the other end is connected to the battery through the center of the bracket, A plurality of uniformly distributed LED lamps are provided at the edges of the panels, and the LED lamps are electrically connected to the battery.

Further, a cooling hole is provided in the side wall of the platform.

Further, the platform is provided with a slide and an ice cream making machine which is slidably mounted on the slide rail, the slide is tiled on the platform and the slide rail is perpendicular to the traveling direction of the tricycle.

The utility model provides the advantages of the solar mobile ice cream car. The utility model has the advantages of simple and reasonable structure, and can set the energy of the solar energy by converting the solar energy of the solar panels into the storage battery, saving energy and protecting the environment. To provide enough power to the tricycle, support tricycle ice cream on the preservation of fresh and tricycle power, can make the car travel and return, by setting the telescopic tube in the bracket, can adjust the tilt angle of solar panels, solar panels can be adjusted Facing the sun, so that solar panels to receive more heat, which transform more power, set the edge of the solar panel LED lights, easy to light at night, and conducive to the sale.

Description of the drawings

Figure 1 is a schematic view of the structure of the utility model solar powered ice cream car.

detailed description

The utility model will be described in further detail with reference to the accompanying drawings and the accompanying drawings, in order to make the purpose, technical solutions and advantages of the utility model clear. It is to be understood that the specific embodiments described herein are merely illustrative of the utility model and are not intended to limit the utility model.

Referring to Fig. 1, there is shown a schematic view of the structure of the utility model solar powered ice cream car.

The solar powered ice cream car includes a tricycle 10, the tricycle 10 is provided with a platform 11 in which a battery 12 is provided in the cavity 11 and a bracket 20, a solar panel 30, an LED lamp 40, four of the platforms 11

And the bracket 20 is vertically fixed to the upper end face of the platform 11, and the bracket 20 is a hollow tube, and the bracket 20 is provided with a telescopic tube 21, four supports on the platform 11 20 is provided with two power solar panels 30, and the two solar panels 30 are herringbone-shaped to form a roof. The solar panel 30 is provided with a power supply line 31, and one end of the power supply line 31 is connected to a solar panel 30, and the other end is connected to the battery 12 through the center of the holder 20. The LED lamp 40 is provided at the edge of the solar panel 30, and the LED lamp 40 is electrically connected to the battery 12. As shown in Fig.

The side wall of the platform 11 is provided with a cooling hole 13 for facilitating the heat dissipation of the battery 12 and the refrigerator used for the preservation of the ice cream.

The platform 11 is provided with a slide 14 and an ice cream making machine 15 slidably mounted on the slide 14, which is tiled on the platform 11 and the slide rail 14 is connected to the tricycle 10 The ice curtain making machine 15 is capable of changing the position on the stage 11, and when the sunlight is on the side of the tricycle 10, the telescopic tube 21 is adjusted so that the solar panel 30 is facing the sun and the shadow of the solar panel 30 is in the tricycle 10 , The ice cream making machine 15 is slid through the slide 14 to the other side of the tricycle 10 so that the ice cream making machine 15 and the seller are in the shadow of the solar panel 30 to protect the seller and the ice cream making machine 15 from Sun exposure, can extend the ice cream making machine 15 life.

The utility model provides a solar mobile ice cream car which has the advantages that the utility model is simple and reasonable, and can be used to store the energy of the sun by setting the ceiling formed by the two solar panels 30 to convert the electric energy into the battery 12, It is possible to provide sufficient power to the tricycle 10, to support the cooling and preservation of the ice cream on the tricycle 10, and the power of the tricycle 10 to allow the car to travel and return. By providing the telescopic tube 21 on the bracket 20, it is possible to adjust the solar cell 30 The solar panel 30 can be adjusted so that the solar panel 30 faces the sun and the solar panel 30 receives more heat energy to convert more power, and the LED lamp 40 is provided at the edge of the solar panel 30 to facilitate nighttime illumination Conducive to sale.

The foregoing is only a preferred embodiment of the utility model and is not intended to limit the utility model. Any modifications, equivalents, and improvements within the spirit and principles of the utility model are intended to be included Utility model within the scope of protection.

Claims

1. The (10), the platform (11) is provided with a battery (12) in the cavity of the platform (11), characterized in that it comprises a bracket (20), a solar cell (20) are respectively fixed on the upper end of the platform (11), and the bracket (20) is respectively fixed on the upper end of the platform (11) (20) is provided with a telescopic tube (21), two of the four shelves (20) on the platform (11) are erected with two of the solar panels (30) The solar panel (30) is provided with a power supply line (31), one end of the power supply line (31) is connected with a solar panel (30), and the solar panel And the other end is connected with the battery (12) through the center of the bracket (20), the plurality of uniformly distributed LED lamps (40) are arranged at the edges of the solar panel (30)) Electrically connected to the battery (12).
2. The solar-powered ice-cream car according to claim 1, characterized in that a cooling hole (13) is provided in the side wall of the platform (11).
3. The solar powered ice cream car according to claim 1, characterized in that said platform (11) is provided with a slide rail (14) and an ice cream making machine (15) which are slidably mounted on the slide (14) on the platform (11), and the slide (14) is perpendicular to the direction of travel of the tricycle (10).

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