

Electric vehicle solar container clean solar container product patent





Overview

The present invention relates generally to an environmentally friendly refrigeration unit and more particularly solar-powered refrigeration container that allows stored foods, beverages and other objects to be properly refrigerated when outdoors and more specifically to a. The plurality of solar panels are configured to receive sunlight and convert to solar energy for storage in the battery and supply energy to electric vehicles during transport of the container (s). The present disclosure generally relates to the technical field of electrical systems and. Search specific patents by importing a CSV or list of patent publication or application numbers. The invention discloses a solar container system which comprises a highly-efficient photovoltaic assembly, a storage battery, a solar hot-water supply and power generation system, an inverter, a. Fuel cell electric vehicle (FCEV) is a disruptive technology compared to the incumbent internal combustion engine vehicle (ICEV) technology. Hydrogen is widely regarded as a clean To grasp the key characteristics and trends of the rapid development of electric vehicle (EV) technology and to study. A comprehensive planning framework for electric vehicles fast charging station assisted by solar and battery based on Queueing theory and non-dominated sorting genetic algorithm-II in a a?

| At least some known charging stations rely on solar power for charging electric vehicles. For example, at. This solar collector provides electrical power to one or more cooling units and to one or more rechargeable batteries. The cooling units include an interior and an exterior heat sink, and an interior and exterior fan and an interior and exterior vent. Air in the cavity at a first temperature passes. A solar powered vehicle utilizing incident solar radiation to charge storage batteries for energizing an electric motor mounted within the vehicle. The solar panel comprises a lower panel mounted on an exterior surface of the vehicle and first and second upper panels pivotally connected on opposed.



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Applications



Ford files patent for an inflatable, solar-powered, EV ...

The dream of a solar-self-charging electric vehicle lives on. A Ford patent application was published this week for a roof-mounted device that, with ...

US20140109334A1

A solar panel cleaning system, comprising: a track, disposed perpendicularly to a plurality of rows of solar panels; a cleaning carriage, comprising a moving mechanism for moving the cleaning carriage ...



WO/2018/053986 SOLAR PANEL CLEANING ROBOT

A solar panel cleaning robot, comprising a vehicle body (1) which is capable of driving on at least one solar panel (200); a cleaning device (2), a driving force system (3), a control system (4) ...

Prospects of battery assembly for electric vehicles based on patent

The patent search in this work was ended on 2 February 2023 and covers global patents for battery assembly including cell, module and pack. To ensure the integrity and applicability of



...



CN104868825A

The invention discloses a solar container system which comprises a highly-efficient photovoltaic assembly, a storage battery, a solar hot-water supply and power generation system, an inverter, a ...



US8353167B2

A portable, solar assisted, temperature controlled container comprises: a body with a cavity; a lid sealable thereon; a detachable solar panel producing electric power; a thermoelectric cooling unit; an ...



Solar-powered refrigerated container

[0065] As stated above, the solar-powered container 10 of the present invention is not only powered by the solar energy gathered by the solar collector 26, but it also has an internal ...



PATENT FOR ELECTRIC VEHICLES AS SOLAR CONTAINER ...

The plurality of solar panels are configured to receive sunlight and convert to solar energy for storage in the battery and supply energy to electric vehicles during transport of the container (s).



Electric vehicle solar container and clean solar container patent

Abstract This paper presents a large-scale patent analysis of electric vehicle (EV) technologies, focusing on the striking surge in patent filings that occurred post-2020.

US Patent Application for SOLAR ENERGY INTERMODAL CONTAINER ...

The at least one plug receptacle is electrically coupled to the battery. The plurality of solar panels are configured to receive sunlight and convert to solar energy for storage in the battery and supply ...



US9302590B2

The present invention relates to a solar station for charging electrical vehicles, more specifically, a station built to house equipment in a central core for both charging electric vehicles and the ...



US Patent Application for SOLAR ENERGY CONTAINER ...

More specifically, the present disclosure is directed to a solar energy cargo system capable of receiving and storing solar energy, and powering electric or hybrid electric vehicles using the received solar ...



U.S. Patent Application for SOLAR CHARGING SYSTEM AND VEHICLE Patent

The solar charging system according to the present embodiment includes a solar panel, a drive battery, an auxiliary system including one or more devices, and a controller that controls where ...

Electric vehicle charging station with solar component

The present invention relates to a solar powered electric vehicle charging station, and more particularly, to a charging station which receives solar sourced electricity and grid sourced ...



Standard 20ft containers



Standard 40ft containers

U.S. Patent Application for Solar-Power EV Charging System Patent

A multi-vehicle self-contained EV charging platform includes: a solar array configured to convert solar energy into an electrical output signal; a charging system configured to receive the ...



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