

PEES Power Systems

Gree discloses solar power generation patent



Overview

The present disclosure includes articles of manufacture, systems and processes that relate to a portable, modular solar power generator with energy storage capacity and an energy management system to process both DC and AC power, including the capacity to form a micro-grid. The present disclosure includes articles of manufacture, systems and processes that relate to a portable, modular solar power generator with energy storage capacity and an energy management system to process both DC and AC power, including the capacity to form a micro-grid. Search within the title, abstract, claims, or full patent document: You can restrict your search to a specific field using field names. Search by Cooperative Patent Classifications (CPCs): These are commonly used to represent ideas in place of keywords, and can also be entered in a search term box. How many green tech patents have been filed?

Over 61,000 patents of green tech have been filed of which 90% are regarding waste management and alternative energy production and the remaining related to other areas such as energy conservation, transport a glass for photovoltaic building integration. Figures in recent years are subject to a time lag; submitted patents may not yet be reflected in the data. Solar (photovoltaic) cells convert light (solar or ambient) energy into. Disclosed is a photovoltaic air conditioning system, which includes a photovoltaic cell array; an air conditioning unit, comprising a first cabinet, a first inverter module and a variable frequency compressor, wherein the first inverter module and the variable frequency compressor are installed in.

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Energy Technology Patents Data Explorer - Data Tools

The graph shows the distribution of patents among 26 fossil fuel technologies, which are broken down by sector (upstream, processing and downstream, transmission and distribution).



Solar Energy Patents Understanding Innovation and Growth

From high-efficiency perovskite cells to AI-powered energy management systems, the patent landscape reveals how companies are racing to capture market share in an industry projected ...

Solar power system using luminescent paint

The present disclosure relates generally to the field of solar power and specifically a system and method of generating solar power through luminescent paint and teaching concepts.



GREE DISCLOSES SOLAR POWER GENERATION PATENT

energy innovation-related patenting expand? We find that energy innovation-related patenting has first expanded exponentially up until 2013, both in terms of the total number of patent families and PCT ...

Photovoltaic, photo-thermal and wind power integrated green energy ...

The present invention relates to the technical field of solar energy and wind energy, and more specifically to a photovoltaic, solar thermal and wind power integrated green energy



U.S. Patent for Portable solar power generator with energy storage



Disclosed is an apparatus for a solar power generator as it relates to a portable and expandable solar power generator that can form a micro-grid power system comprising any elements

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Annual patents filed for renewable energy technologies

Data only includes energy source technologies, and excludes technologies such as energy storage or transport. Figures in recent years are subject to a time lag; submitted patents may not yet be ...



PHOTOVOLTAIC AIR CONDITIONING SYSTEM

The photovoltaic air conditioning system according to claim 10, wherein a rated power of the photovoltaic cell array is larger than a rated power of the air conditioning unit, and a rated power of the current ...

Solar Patents for Sales , Solar Patents , Wind Power Patents , Solar

U.S. Patent No. 10,526,056 for "Generation of electric power using wave motion, wind energy and solar energy" would be a strategic acquisition for any tidal power generation, wind turbine or solar panel ...



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