

Concentrating solar power (CSP) technology with thermal energy storage can overcome the intermittent and unstable nature of solar energy, and its development is of great ...

With 366 citations and a PIF of 24.4, the patent entitled "Solar module mounting method and clip" is the most influential patent within the solar panels group [89]. It ...

SMA Solar Technology has patented a method for determining a characteristic curve for a photovoltaic string in a system with an inverter and DC/DC converter. The method ...

Photovoltaic (PV) technology has witnessed remarkable advancements, revolutionizing solar energy generation. This article provides a comprehensive overview of the ...

The utility model discloses a vehicle-mounted solar-energy filtering power generation device, which can improve the photoelectric conversion efficiency effectively. The device comprises ...

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The concentrating solar thermal power generation technology (CSP) developed in Australia was transferred to China which may have influenced the patent publishing numbers ...

The research status and future development arrangement of solar power generation technology in various countries around the world are investigated. The principles, ...

An Improved Solar Grid Hybrid Subsystem with IoT-Based Power Back-Up. This patent is about the hybrid Solar inverter with an Isolation transformer and broadly balancing ...

Concentrating solar power (CSP) is a technology that converts thermal energy from solar radiation into electrical energy, and mainly includes dish, tower, trough and Fresnel ...

Concentrated solar power is an old technology making a comeback, with the CSIRO forecasting it'll be a cheaper form of storage than pumped hydro. ... As you can see ...

The solar cell board anti-theft device is jointed with a solar power supply system controller, which comprises a alarming-signal generation unit to detect position conditions of the solar cell board ...

# Patented technology for solar power generation

The most important issues pertaining to solar power plants using CSP technology are 13: ... 24 Moreover, in 1907, Maier and Remshardt patented a PTC with DSG ...

25/03/2021. Transmitting solar energy generated in space back to Earth has long been the subject of science fiction, first appearing in Isaac Asimov's 1941 short story, Reason, where ...

Soleolico presents a disruptive technology with international patents that combine wind and solar generation as well as storage in a single unit, providing "green" ...

French mathematician August Mouchet, who was the first to register a patent for a solar-powered device (1860s); American inventor Charles Fritts, who created the first ...

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