

Special patent for photovoltaic panels



Overview

A high efficiency configuration for a solar cell module comprises solar cells arranged in an overlapping shingled manner and conductively bonded to each other in their overlapping regions to form super cells, which may be arranged to efficiently use the area of the solar module. 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. The drive arrangement comprises a transmission member rotatable about a rotational axis comprising a drive member and a holding member, wherein the drive member is disposed with an offset in the radial direction to the holding member. Solar technology harnesses electromagnetic radiation (i., light) from the sun in order to produce power. Department of Energy (DOE) under Purchase Order No. 7454233 with Lawrence Berkeley National Laboratory (LBNL), Berkeley, California, USA. Lin, Yafu and. There is disclosed a double-sided photovoltaic (PV) panel comprising a central thermal layer; and at least two independent solar cell arrays attached on both sides of the central thermal layer, and each of the at least two independent solar cell arrays being covered by a protection layer; wherein.

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U.S. Patent for Generating a photovoltaic system design for a building

A solar design generation system is configured to design a solar panel or photovoltaic (PV) system for the roof of building.

U.S. Patent Application for DOUBLE-SIDED PHOTOVOLTAIC (PV) ...

The present invention relates to the field of solar panels or photovoltaic (PV) panels, and more particularly to a double-sided PV panel for increased electrical efficiency.



Solar Energy Type Patents (Class 136/206)

Abstract: A floating solar photovoltaic system and a method for cooling a back surface of a photovoltaic panel are described.

Microsoft Word

We grouped these SETO-funded PV patents into 361 patent families. In addition, we identified a further 773 PV patents (513 U.S. patents, 107 EPO patents and 153 WIPO patents) that are associated with ...

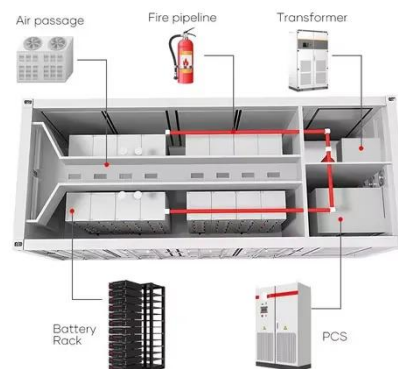


Patent claim considerations for photovoltaic inventions

We look at the various forms of patent claim available for PV inventions and provide tips for seeking patent protection.

Solar Power: An Overview of the Patent Landscape

Given the importance of patents to protect solar IP, the rapid growth of the solar industry, and the complexity of the current patent landscape, we strongly recommend partnering with an ...



Solar panel (Patent) , OSTI.GOV

Solar panel Patent · Tue Oct 05 00:00:00 EDT 2021 OSTI ID: 1859921 Lin, Yafu; Francois, Benjamin



A new solution and technique of coating for photovoltaic panels

The invention relates to a coating material for the development of the properties of photovoltaic solar panels, which has anti-reflection and self-cleaning properties, showing a hydrophobic



What are the patents for solar energy new energy?

Several patents relating to novel solar panel designs have emerged, contributing to higher absorption rates and improved energy efficiency.

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