

@article{osti_2293808, title = {Solar panel}, author = {Lin, Yafu and Francois, Benjamin}, abstractNote = {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 ...

patents filed in three systems: the U.S. Patent & Trademark Office (U.S. patents); the European Patent Office (EPO patents); and the World Intellectual Property Organization (WIPO patents). The primary period covered in this analysis is 1976 to 2018. The main purpose of the backward tracing is to determine the extent to which SETO-funded PV

A solar panel includes: a cell group in which a plurality of solar cells is arranged in one direction; and a connecting element for electrically connecting the solar cells to each other. ... Justia Patents US Patent Application for SOLAR PANEL Patent Application (Application #20230369523) SOLAR PANEL . Mar 22, 2023 - Toyota.

solar panel glass solar view glass perspective Prior art date 2021-09-03 ... 2021-09-03 Priority to US29/789,156 priority Critical patent/USD1012834S1/en 2022-12-07 Assigned to Clearvue Technologies Ltd. reassignment Clearvue Technologies Ltd. ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Figure 2: Various steps in the life cycle of solar panels with an emphasis on the recycling process The three current methods for solar panel recycling all involve benefits and tradeoffs (see Figure 3): Thermal ...

Justia Patents Panel Or Array U.S. Patent for Solar panel Patent (Patent # 10,510,907) Solar panel . Feb 23, 2017 - SUNPOWER CORPORATION. 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 ...

the solar panel system can be deployed to larger numbers of utility customers, across a more distributed geographic area, and in a shorter period of time. While traditional solar PV installations aim to offset a large portion of customer's energy usage, the solar panel system provided by the invention may reduce peak power consumption, and may therefore be better aligned with ...

Westinghouse Solar Inc. filed for patent infringement against Chinese solar-panel maker Canadian Solar Inc., and Zep Solar Inc. in the United States International ...

The system (100) can automatically initiate the atmospheric water generator (104) to replenish the used water.

The system (100) can use a portion of the power generated by the solar panels (102) to perform the cleaning and water generation operations. Accordingly, an automatic and self-contained solar panel cleaning method and system is provided.

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 sides to the lower panel and movable between a first inboard position overlaying the ...

the China Patent Office has upheld the validity of REC's award-winning split cell and junction box technology patent. This specific technology, developed in-house, is a key feature of REC Group's advanced solar panels, manufactured in REC's advanced production site in Singapore.

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