

Ranking of Photovoltaic Panel Heat Dissipation Patents

The field of the present invention refers to the photovoltaic energy production and in particular to the heat dissipation of solar panels and more particularly bi-facial solar panels configured for receiving ...

A photovoltaic panel assembly includes a photovoltaic panel of two opposite surfaces. A photovoltaic array is disposed on one of the two opposite surfaces. The heat sink is disposed over the other of the ...

The present disclosure relates to thermal management in solar photovoltaic (PV) module. In particular, the present disclosure pertains to back cooling of solar photovoltaic (SPV)...

By confining the keywords and classification numbers concerning solar cell technology, we sorted out the solar cell patents that were applied for and publicly disclosed globally from May 1, ...

The invention resides in the use of a heat dissipation layer of curable resin and carbon powder having increased heat-emission properties.

The effects of the fin spacing, fin height, and environmental parameters on the heat-dissipation performance of the PV/PCM system were studied by taking the temperature of the PV ...

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According to illustrative embodiments disclosed herein, a bypass mechanism is adapted to bypass a photovoltaic (PV) generator, for example, a string or a substring of photovoltaic (PV) cells,...

According to the ranking list, LG Group, Jinko Solar and AIKO Technology rank the first, second and third place respectively, with 1,360 patents, 1,101 patents, and 931 patents accordingly, followed by ...

A solar cell, or photovoltaic (PV) cell, is an electrical device that converts energy of light, typically sun light (hence "solar"), directly into electricity by the so-called photovoltaic...



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