



# Photovoltaic panel heat dissipation patent

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[0006] The present invention aims therefore at providing an equipment enabling heat dissipation which can be adapted on most bi-facial solar panels and which can be used in most conditions in order to ...

According to the above-discussed embodiment, the present invention provides a photovoltaic panel assembly with an improved heat-dissipating design, e.g. passive or active heat sink, to lower its ...

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,...

The present invention aims therefore at providing an equipment enabling heat dissipation which can be adapted on most bi-facial solar panels and which can be used in most conditions in order to improve ...

The heat dissipation mechanism at area 304 may be thermally coupled to junction box component 201 when base 301 is covered by cover 302, which may help bus bars BB1-BB4 of ...

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...

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

The United States Patent Trademark Office (USPTO) has notified the Company that patent number 12224704 was issued today, February 11, 2025. Our Heat Recovery System uniquely ...

Heat Recovery System Patent Issued - #12224704. The United States Patent Trademark Office (USPTO) has notified the Company that patent number 12224704 was issued today, February ...



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U.S. patent number 10,790,780 [Application Number 15/934,002] was granted by the patent office on 2020-09-29 for heat dissipation for a photovoltaic junction box.

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