



New patent for solar panels

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

Gautam Solar has filed a patent for its innovative Artificial Intelligence (AI)-based system designed to detect defects in solar panels.

First Solar, Inc. announced that it has entered into a patent licensing agreement that grants the company access to both existing issued patents and pending patent applications owned by ...

Scientists at the University of Sharjah have secured a U.S. patent (US12341471B2) for an innovative cooling system designed to enhance the performance of solar photovoltaic (PV) panels.

It is specifically engineered to utilize the hot waste air expelled by centralized air conditioning systems to cool the rear surfaces of solar panels.

Developed by researchers from Wuhan University of Technology, the new type of polymer solar cells successfully achieved 19.1% efficiency.

Oxford PV, a solar perovskite company operating in Europe, has opened its patent portfolio to American panel manufacturer First Solar. First Solar has signed a patent licensing agreement with ...

In accordance with the purposes and benefits set forth herein, a new and improved method is provided for the recycling of solar panels, including a frame, glass, silicon wafers, and wiring.

First Solar signed a deal to access Oxford PV's perovskite patents, positioning itself for next-gen solar panel efficiency gains.

Given the industry focus on making solar technology more cost-effective, the main goal of most current



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innovation seems to be developing new ...

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