

Solar power generation sound barrier patent

The utility model relates to a solar photovoltaic power generation sound barrier which comprises a solar panel.

The utility model provides an efficient noise reduction landscape type photovoltaic sound barrier.

H02S20/00 -- Supporting structures for PV modules H02S20/20 -- Supporting structures directly fixed to an immovable object H02S20/21 -- Supporting structures directly fixed to an immovable object...

The present disclosure concerns a large surface area solar energy generation apparatus and method that protects the solar system from meteorological or any other ambient threat and restores the solar ...

The purpose of the present invention is to produce necessary electricity by using a sound barrier installed on a road without separate land cost and civil engineering cost by combining a...

A sound barrier and functional technology, applied in photovoltaic power generation, electrical components, noise absorption devices, etc., can solve the problems of increasing the loss ...

The solar photovoltaic sound barrier can also reach the voltage level of the AC power grid through the series and parallel connection of solar panels and DC inverter, and provide power for the line lights ...

The present invention relates to a solar soundproof barrier capable of simultaneously implementing both a soundproof function and a solar power generation function in a soundproof wall ...

The noise barrier wall according to the invention is highly scalable, reliable and more cost-effective than known noise barrier walls for the combined sound absorption and solar power generation.

The invention relates to a noise barrier wall for combined sound absorption and solar power production, having a plate-like main body (1), a large number of solar cells (4a, 4b) encapsulated in the main ...

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