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Title: Rooftop photovoltaic panel cleaning patent

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A method for cleaning solar panels when snow, ice, or dust accumulates on the solar panels to reduce or eliminate the electrical power output from the solar panels.

The solar panel cleaning system, which is marked herein by reference numeral 10 (enumerated in FIG. 3), operates on parallel rows of solar panels, in which one edge of each row is disposed...

The present disclosure relates to a photovoltaic (PV) panel cleaning system and more particularly to a modular system for cleaning one or more PV panels.

The self-powered and timer based solar panel cleaning system as claimed in claim 1, wherein the power from the solar panel (55, 56) is supplied to the batteries (55b, 56b) through the ...

(57) Provide a solar panel cleaning system that uses rainwater to sufficiently remove dirt adhering to the surface of the solar panel without imposing a load on the solar panel.

The invention relates to the field of photovoltaic panels, in particular to an intelligent photovoltaic panel cleaning device which comprises a photovoltaic panel and a support, the photovoltaic panel is ...

(57) [Problem] To provide a solar panel cleaning device and a solar panel cleaning method capable of effectively cleaning a solar panel with a small amount of cleaning solution.

According to the present invention, a solar panel cleaning system and method is provided for cleaning solar panels of a plurality of solar row.

The invention discloses a cleaning device for a roof photovoltaic system, which relates to the technical field of cleaning of photovoltaic modules and comprises two bases, wherein a...



Rooftop photovoltaic panel cleaning patent

For this design, we have developed a cleaning device that moves along the length of a solar panel and can move on to clean an entire row of solar panels in a PV array.

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