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(57) Abstract :

The present disclosure relates to a cleaning system for solar panel (108), which includes a container (102) for storing water, spraying elements (104) fluidically coupled with the container (102). The spraying elements (104) are configured to spray of the water for a, from the container, on the solar panel (108). Sensors (110) are operatively configured with a processing unit (112) and the solar panel (108). A memory associated with the processing unit (112), configured to store instruction which on execution causes processing unit (112) to send, by the sensors (110), a set of first signals, pertaining to a one or more parameters of the solar panel (108), to the processing unit (112). Send, by the processing unit (112), a set of second signals to the spraying elements for spraying water on the solar panel (108), for cleaning when a value of the parameters is more than a pre-defined threshold value.

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