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(57) Abstract:

The invention is presented for the first ever human portable robotic cleaning system for solar panels, which can clean and maneuver on the glass surface of a Solar panel array at varying angles from horizontal to vertical. This is done with the help of Microcontroller board Arduino Uno R3 which easily controls all the devices used in this particular model and therefore helps to understand the required parameters which deal with the change in efficiency brought about by the cleansing of the solar panel arrays.

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