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(57) Abstract :

In the present invention, the inventors have developed a MEMS based automatic windscreen wiping mechanism. The Micro-Electromechanical Sensors gather information from the environment through measuring mechanical, thermal, biological, chemical, optical, and magnetic phenomena. The sensors are implanted in all four axes (N, S, E and W) diagonally and orientation of high frequency radiation is used to sense particles. After sensing in all directions using fluidic and dust sensors, the electronics then process the information derived from the sensors and a movable linked wiper gets started which fairly clear glass including corners of the windshield which were left un-cleaned in existing technology.

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