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(54) Title of the invention : AUTOMATIC WINDOW SHADE

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(57) Abstract :

The present disclosure provides an automatic window shade (100) configured to be coupled to frame of a window, the automatic window shade being enabled to control passage of air and light through the window. The shade includes one or more sensors (102) enabled to detect one or more external, ambient and behavioral attributes. The window is facilitated to be covered by an air filter (108) and one or more light filters (110) by motion of one or more rollers (106) coupled to frame of the window, the one or more rollers (106) being activated by one or more actuators (104). A controller (112) is enabled to receive input signals from the one or more sensors (102) and one or more input units (114) configured to receive user inputs. The controller (112) is facilitated to generate a set of actuation signals for activating the one or more actuators (104) and a set of alarm signals configured to be transmitted to one or more output units (114).

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