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(57) Abstract :
A modular window, comprising of a frame 1 adapted to be positioned on a wall portion of an enclosure comprises of multiple slots 3 initially arranged within frame 1 in a stowed manner, a touch interactive display panel 4 for allowing user to enter details, a primary motorized hinge joint 5 paired between upper portion of frame 1 and slots 3 for deploying slots 3, an artificial intelligence based imaging unit 7 to detect user's successful accommodation, a slidable platform 8 arranged with frame 1 for enabling user to rest back portion, a secondary motorized hinge joint 9 configured between bottom portion of frame 1 and slots 3 to allow user to gaze outdoor surroundings, a sensing module 10 installed on frame 1 for measuring intensity of sunlight and an electro-chromic layer coated glass arrangement 11 assembled on slots 3 to limit sunlight to pass through arrangement.

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