

CONTROLLING TRANSITIONS IN OPTICALLY SWITCHABLE DEVICES

Abstract

5 This disclosure provides systems, methods, and apparatus for controlling transitions in an optically switchable device. In one aspect, a controller for a tintable window may include a processor, an input for receiving output signals from sensors, and instructions for causing the processor to determine a level of tint of the tintable window, and an output for controlling the level of tint in the tintable window. The instructions may include a relationship between the received output signals
10 and the level of tint, with the relationship employing output signals from an exterior photosensor, an interior photosensor, an occupancy sensor, an exterior temperature sensor, and a transmissivity sensor. In some instances, the controller may receive output signals over a network and/or be interfaced with a network, and in some instances, the controller may be a standalone controller that is not interfaced with a network.

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Fig. 8