

SMART GLASS FIXED DOOR OF MULTIMEDIA SYSTEM OF PLATFORM SCREEN DOOR

ABSTRACT

A smart glass fixed door of a multimedia system of a platform screen door, includes laminated smart glass (1), a metal outer frame (2), an electrode (3), a power supply (4) and an insulating wrapping layer (5); the laminated smart glass (1) includes a front tempered glass (11) with a colored glaze frame (12), a front organic polymer bonding layer (13), a smart film (14), a rear organic polymer bonding layer (15) and a rear tempered glass (16) which are sequentially stacked by hot pressing. The fixed door with the laminated smart glass (1) has high safety factor, good visual effect, low driving voltage of the dimmer film (14). When the dimmer film (14) is not electrified, it is in a frosted and a fogged state, and the molecular arrangement state will be changed when it is electrified, which is suitable for dynamic projection subway advertising.

FIG. 1