

ABSTRACT

A sectional door structure includes a door frame, having a pair of door posts having guide grooves and a cross beam; a motor, driving a drum of at least one cable reel; an upper door body, having an upper side pivotally connected to an underside of the cross beam; a lower door body, having left and right sides provided with rollers fitted in the guide grooves and at least one cable stopper on an inner surface of the lower door body; two or more pivot joints, pivoted to the upper and lower door bodies and having an upper base and a lower base, gears being provided on gear brackets of the upper and lower bases, at least one connector being pivotally connected to the centers of the gears; and at least one cable, having one end connected to the cable stopper and another end connected to the cable reel.

FIG. 6