

Title (en)  
DOOR DEVICE FOR ELEVATOR

Title (de)  
TÜRVORRICHTUNG FÜR AUFZUG

Title (fr)  
DISPOSITIF DE PORTE POUR ASCENSEUR

Publication  
**EP 1932796 A1 20080618 (EN)**

Application  
**EP 05790456 A 20051005**

Priority  
JP 2005018462 W 20051005

Abstract (en)  
A car doorway is opened/closed by a car door. An actuating strip, displaceable between a protrusion position at which the actuating strip protrudes from a lower end of the car door and a retraction position located above the protrusion position, is provided at an end of the car door on a door-closing side thereof. The actuating strip is displaced to the protrusion position through full closure of the car doorway by the car door, and to the retraction position through a movement of the car door in a door-opening direction thereof. A car sill provided with a sill hole passing therethrough is provided at a lower portion of the car doorway. The actuating strip is inserted, through displacement thereof to the protrusion position due to a movement of the car door, into the sill hole. The actuating strip is released, through displacement thereof to the retraction position, from a state of being inserted in the sill hole. A detection switch detects whether or not the actuating strip has been displaced to the protrusion position. A door control device controls the movement of the car door based on information from the detection switch.

IPC 8 full level  
**B66B 13/26** (2006.01)

CPC (source: EP)  
**B66B 13/26** (2013.01); **B66B 13/301** (2013.01)

Citation (search report)  
See references of WO 2007039931A1

Cited by  
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DE

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**EP 05790456 A 20051005**; CN 200580041141 A 20051005; JP 2005018462 W 20051005; JP 2006527182 A 20051005