

Title (en)
SEALING DEVICE FOR ELEVATOR DOOR

Title (de)
DICHTUNG FÜR AUFZUGSTÜR

Title (fr)
DISPOSITIF DE FERMETURE POUR PORTE D'ASCENSEUR

Publication
EP 1622823 B1 20110727 (EN)

Application
EP 04732029 A 20040510

Priority
• JP 2004006585 W 20040510
• JP 2003136046 A 20030514

Abstract (en)
[origin: WO2004101421A1] A sealing member (20) that can be brought into contact with a standup wall (8a) of an upper frame (8) of a three-sided frame (3) by an elastic force of a plate spring (18) to seal a gap (G1) created between a hall door (2) and the three-sided frame (3) is provided in the hall door (2). While the hall door (2) is being opened or closed, rollers (22a, 22b) are brought into contact with a roller rolled portion (10a) provided on a side surface of a hanger rail (10) to rotate thereon, and thus the sealing member (20) and the standup wall (8a) are maintained in a non-contact state. When the hall door (2) is in a closed state, the rollers (22a, 22b) drop in recess step portions (24a, 24b). Thus, the sealing member (20) is brought into contact with the standup wall (8a) to seal the gap (G1).

IPC 8 full level
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