

Title (en)

Lift facility with a safety device fitted on the lift doors

Title (de)

Aufzugsanlage mit Sicherheitsvorrichtung an Aufzugstüren

Title (fr)

Installation d'ascenseur dotée d'un dispositif de sécurité sur les portes d'ascenseur

Publication

EP 1930285 B1 20140716 (DE)

Application

EP 07116756 A 20070919

Priority

- EP 06121446 A 20060928
- EP 07116756 A 20070919

Abstract (en)

[origin: US2008078626A1] In an elevator system that has an elevator hoistway, a plurality of hoistway doors arranged above each other each with at least one horizontally moveable hoistway door panel, and an elevator car with a car door that has at least one horizontally movable car door panel, fastened to the car door panel is a vertically extending barrier rail. In each of the areas lying in the vertical direction between the hoistway door panels of adjacent hoistway doors two locationally fixed stopping dogs that are vertically spaced from each other are arranged so that in each case one of the stopping dogs limits the opening movement of the barrier rail, and thereby of the car door panel, when the position of the elevator car deviates in the upward direction or in the downward direction by a certain minimum distance from the intended stopping position.

IPC 8 full level

B66B 13/12 (2006.01)

CPC (source: EP KR US)

B66B 13/08 (2013.01 - KR); **B66B 13/12** (2013.01 - EP KR US); **B66B 13/24** (2013.01 - KR)

Cited by

EP2172411A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2008078626 A1 20080403; **US 7637356 B2 20091229**; AR 063037 A1 20081223; AU 2007219351 A1 20080417; AU 2007219351 B2 20130314; BR PI0703992 A 20080513; CA 2603669 A1 20080328; CA 2603669 C 20150421; CN 101152947 A 20080402; CN 101152947 B 20120523; EP 1930285 A1 20080611; EP 1930285 B1 20140716; ES 2515140 T3 20141029; JP 2008081321 A 20080410; JP 5281264 B2 20130904; KR 20080029896 A 20080403; MX 2007011565 A 20090205; MY 146337 A 20120731; NO 20074904 L 20080331; NZ 561927 A 20090430; RU 2007135862 A 20090410; RU 2448033 C2 20120420; SG 141369 A1 20080428; TW 200829500 A 20080716; TW I391312 B 20130401; ZA 200708217 B 20081029

DOCDB simple family (application)

US 90478907 A 20070928; AR P070104295 A 20070927; AU 2007219351 A 20070927; BR PI0703992 A 20070925; CA 2603669 A 20070925; CN 200710153135 A 20070928; EP 07116756 A 20070919; ES 07116756 T 20070919; JP 2007248536 A 20070926; KR 20070098040 A 20070928; MX 2007011565 A 20070920; MY PI20071612 A 20070925; NO 20074904 A 20070927; NZ 56192707 A 20070925; RU 2007135862 A 20070927; SG 2007084510 A 20070918; TW 96135689 A 20070926; ZA 200708217 A 20070926