

Title (en)

Double-effect emergency braking apparatus for elevator cars

Title (de)

Notbremse für Aufzugskabinen mit doppelter Auswirkung

Title (fr)

Dispositif freinant de secours double-effet pour cabine d'ascenseurs

Publication

EP 1783087 B1 20130508 (EN)

Application

EP 06380263 A 20061009

Priority

ES 200502509 A 20051014

Abstract (en)

[origin: EP1783087A2] The invention relates to a double-effect emergency braking apparatus for elevator cars having friction wedges (110) and friction shoes (120) configured to be applied on first and second surfaces (210, 220) of a rail (200) of the elevator. The friction wedges (110) are located in a prismatic cam (111) which is actuated so that the rail (200) is gripped by the friction wedges (110) and the friction shoes (120) so as to reach a friction between the friction wedge (110) and the friction shoes (120) with the rail (200) and thus brake the elevator when the actuation device (140) is activated.

IPC 8 full level

B66B 5/20 (2006.01)

CPC (source: EP ES)

B66B 5/20 (2013.01 - EP ES)

Cited by

CN104812689A; CN115092789A; EA030810B1; CN101808926A; CN111824883A; CN111776914A; JP2015535518A; EP2112116A1; EP3286123B1

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DOCDB simple family (publication)

EP 1783087 A2 20070509; EP 1783087 A3 20120404; EP 1783087 B1 20130508; ES 2284356 A1 20071101; ES 2284356 B1 20080916; ES 2424747 T3 20131008; PT 1783087 E 20130705

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EP 06380263 A 20061009; ES 06380263 T 20061009; ES 200502509 A 20051014; PT 06380263 T 20061009