

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 A3 20120404 (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)

Citation (search report)

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- [A] DE 29619729 U1 19980319 - HAUSHAHN C GMBH CO [DE]
- [A] DE 2139056 A1 19730215 - SCHLOSSER GERHARD
- [AD] EP 1283189 A1 20030212 - COBIANCHI LIFTTEILE AG [CH]

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Designated contracting state (EPC)
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DOCDB simple family (publication)
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