Title (en)

BRAKING OR INTERCEPTION DEVICE FOR A LIFT CABIN

Title (de)

BREMS- BZW. FANGEINRICHTUNG FÜR EINE AUFZUGSKABINE

Title (fr)

DISPOSITIF DE FREINAGE OU D'ARRET D'UNE CABINE D'ASCENSEUR

Publication

EP 1853504 B9 20140604 (DE)

Application

EP 06703571 A 20060120

Priority

- EP 2006050332 W 20060120
- AT 922005 A 20050121

Abstract (en)

[origin: WO2006077243A1] The invention relates to a braking or interception device for a lift cabin, which is guided in a shaft along vertical guide tracks (2). To permit a simple construction, the braking organ is configured by a roller (9), whose axis runs perpendicular to the longitudinal direction of the guide track (2) and whose outer surface is configured as a friction surface (12). Said roller is displaceably guided by stepped shoulders (11) in a gap (20) of a pressure body (19) that runs parallel to the associated guide track (2), said gap (20) having a groove (21), which runs nearer to the guide track (2) at least towards one end. The roller (9) is connected to an arresting organ and is pre-tensioned against the guide track (2) with the aid of a spring (28). When the arresting organ releases the roller (9), the latter (9) is pressed against the guide track (2) and rolls along the latter until it reaches the end of the groove (21), where it becomes firmly clamped, thus braking the lift cabin by friction.

IPC 8 full level

B66B 5/22 (2006.01)

CPC (source: EP)

B66B 5/22 (2013.01)

Cited by

DE202022100182U1; WO2023134982A1; DE202022100179U1; WO2023134980A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006077243 A1 20060727; **WO 2006077243 B1 20061102**; AT 501415 A1 20060815; AT 501415 B1 20090115; CN 101107190 A 20080116; CN 101107190 B 20101013; EP 1853504 A1 20071114; EP 1853504 B1 20130313; EP 1853504 B9 20140604; ES 2412855 T3 20130712; RU 2007122633 A 20090127; RU 2389677 C2 20100520

DOCDB simple family (application)

EP 2006050332 W 20060120; AT 922005 A 20050121; CN 200680002830 A 20060120; EP 06703571 A 20060120; ES 06703571 T 20060120; RU 2007122633 A 20060120