

Title (en)

Locking and unlocking device for elevator landing doors

Title (de)

Verriegelungs- und Entriegelungsvorrichtung für Aufzugsschachttüren

Title (fr)

Dispositif de verrouillage et de déverrouillage pour portes palières d'ascenseur

Publication

EP 1621511 A3 20060517 (FR)

Application

EP 05291469 A 20050706

Priority

FR 0408264 A 20040727

Abstract (en)

[origin: EP1621511A2] The device (100) has a lock (102) with a bolt (104) driven by a lever (132) between a locking position and an unlocking position of an elevator door. A lever (124) is controlled by a mobile cam (106) that controls a dog (134). The dog integrates the levers, when the cam moves from the locking position to the unlocking position, and disintegrates the levers when the cam moves from the unlocking position to the locking position. Independent claims are also included for the following: (A) an elevator assembly comprising a locking and unlocking device for an elevator door (B) a method of unlocking an elevator door.

IPC 8 full level

B66B 13/24 (2006.01); **E05B 65/00** (2006.01)

CPC (source: EP)

B66B 13/20 (2013.01)

Citation (search report)

- [A] DE 731720 C 19430213 - STAHL R FA
- [A] EP 0506155 A2 19920930 - OTIS ELEVATOR CO [US]
- [A] FR 2827265 A1 20030117 - TEGUR [FR]

Cited by

EP1894878A1; EP2583930A1; FR2981384A1; CN104326348A; US10710843B2; US10882720B2; US11124389B2; US11795033B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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