

Title (en)

Locking mechanism for the door of a lift cabin

Title (de)

Verriegelungsmechanismus für die Tür einer Aufzugkabine

Title (fr)

Mécanisme de verrouillage pour la porte d'une cabine d'ascenseur

Publication

EP 1914189 B1 20100324 (DE)

Application

EP 07020233 A 20071016

Priority

DE 102006049403 A 20061019

Abstract (en)

[origin: EP1914189A1] The locking mechanism (8) has cabin door latch plate (51) and the cabin door latch plate actuator (49) parallel to each other and linkage elements of switching parallelogram arrangement adjacent to the driver device aligned parallel to the spreading rails (25,27). The switching parallelogram arrangement is pre-stressed such that with closed cab door and removal of the outer impact of the actuator (49) crosses into the switching position corresponding to the bolting device position of the plate (51). The plate (51) is introduced into a locking device recess (65) on the cabin door frame.

IPC 8 full level

B66B 13/12 (2006.01)

CPC (source: EP)

B66B 13/12 (2013.01)

Cited by

DE102017211265A1; WO2019007628A1; CN110371833A; AU2018207262B2; EP2138442A1; US2011186386A1; US8607937B2; EP3971123A1; IT202000022099A1; EP2287104A1; CN102666349A; WO2009156256A3; WO2011020877A1; DE102017222079A1; WO2019110150A1

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)

EP 1914189 A1 20080423; EP 1914189 B1 20100324; AT E461903 T1 20100415; DE 102006049403 A1 20080424; DE 502007003204 D1 20100506

DOCDB simple family (application)

EP 07020233 A 20071016; AT 07020233 T 20071016; DE 102006049403 A 20061019; DE 502007003204 T 20071016