

Title (en)

ELEVATOR DOOR SYSTEM COMPRISING A CAR DOOR LOCKING MECHANISM

Title (de)

AUFZUGTÜRSYSTEM MIT KABINENTÜRVERRIEGELUNG

Title (fr)

SYSTÈME DE PORTE D'ASCENSEUR À DISPOSITIF DE VERROUILLAGE DE PORTE DE CABINE

Publication

EP 2297018 A2 20110323 (DE)

Application

EP 09769105 A 20090604

Priority

- EP 2009056896 W 20090604
- EP 08159042 A 20080625
- EP 09769105 A 20090604

Abstract (en)

[origin: EP2138442A1] The elevator has an elevator cabin with a horizontally movable cabin door leaf (2), a horizontally movable shaft door leaf, a cabin door lock (40) with a cabin door bolt and a bolt stop, and a coupling device (20) connected to the cabin door leaf. The movement of the cabin door bolt is fixedly coupled with the movement of the entraining element (21). The cabin door bolt blocks an opening movement of the bolt stop and the cabin door leaf, if the entraining element is defined in a passage position spaced from the counter element (30). An independent claim is included for a method for operating a cabin door bolt of a cabin door locking mechanism of an elevator.

IPC 8 full level

B66B 13/12 (2006.01)

CPC (source: EP US)

B66B 13/12 (2013.01 - EP US)

Citation (search report)

See references of WO 2009156256A2

Cited by

US10392229B2; US11192755B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2138442 A1 20091230; BR PI0914619 A2 20151208; BR PI0914619 B1 20191210; CN 102076595 A 20110525; CN 102076595 B 20130821; EP 2297018 A2 20110323; EP 2297018 B1 20130515; ES 2421386 T3 20130902; HK 1155429 A1 20120518; KR 101449088 B1 20141008; KR 20110025183 A 20110309; US 2011186386 A1 20110804; US 8607937 B2 20131217; WO 2009156256 A2 20091230; WO 2009156256 A3 20100408

DOCDB simple family (application)

EP 08159042 A 20080625; BR PI0914619 A 20090604; CN 200980124664 A 20090604; EP 09769105 A 20090604; EP 2009056896 W 20090604; ES 09769105 T 20090604; HK 11109790 A 20110916; KR 20107029138 A 20090604; US 200913001190 A 20090604