Title (en)

DEVICE FOR OPERATING A CABIN AND HOISTWAY ELEVATOR DOOR

Title (de)

EINRICHTUNG ZUM BETÄTIGEN EINER KABINEN- UND SCHACHTTÜR EINER AUFZUGSANLAGE

Title (fr)

DISPOSITIF POUR ACTIONNER UNE PORTE CABINE ET PORTE PALIÈRE D'UN ASCENSEUR

Publication

EP 3186183 B1 20190911 (DE)

Application

EP 15753370 A 20150821

Priority

- CH 13002014 A 20140825
- EP 2015069253 W 20150821

Abstract (en)

[origin: WO2016030296A1] The invention relates to an elevator system for actuating at least one car or shaft door (13, 16), said system being provided with a coupling mechanism (25) which can be secured to a movable car door (16) of a car (15). Additionally, a plate unit (40) which interacts with the coupling mechanism (25) is provided, said plate unit being fixable to a shaft door (13) at each floor (12). The coupling mechanism (25) has a coupling element (24) that can be adjusted transversely relative to the coupling mechanism or the car door (16) and can be moved from a retracted position into a position in which the coupling element is coupled to a counter element of the plate unit (40). The adjustable coupling element (24) and the counter element of the plate unit (40) are each designed in an advantageously magnetic manner, and by means of the two elements a sufficient adhesive force can be generated in the coupled position. The device allows a flawless function during the operation of an elevator system even in the event of malfunctions.

IPC 8 full level

B66B 13/12 (2006.01)

CPC (source: CH CN EP US)

B66B 13/08 (2013.01 - CH US); **B66B 13/12** (2013.01 - CH CN EP US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

CH 710032 A2 20160229; **CH 710032 B1 20180413**; AR 101681 A1 20170104; CN 107074501 A 20170818; CN 107074501 B 20191203; EP 3186183 A1 20170705; EP 3186183 B1 20190911; ES 2761642 T3 20200520; HU E047718 T2 20200528; PL 3186183 T3 20200430; PT 3186183 T 20191218; SI 3186183 T1 20200228; TW 201620812 A 20160616; TW I673227 B 20191001; US 10392229 B2 20190827; US 11192755 B2 20211207; US 2017267494 A1 20170921; US 2020010303 A1 20200109; WO 2016030296 A1 20160303

DOCDB simple family (application)

CH 13002014 A 20140825; AR P150102714 A 20150824; CN 201580045698 A 20150821; EP 15753370 A 20150821; EP 2015069253 W 20150821; ES 15753370 T 20150821; HU E15753370 A 20150821; PL 15753370 T 20150821; PT 15753370 T 20150821; SI 201531027 T 20150821; TW 104127494 A 20150824; US 201515506283 A 20150821; US 201916551173 A 20190826