

Title (en)

Method for modernising the cabin door system of a lift and modernising construction set for applying the method

Title (de)

Verfahren zur Modernisierung des Kabinentürsystems eines Aufzugs und Modernisierungsbausatz zur Durchführung des Verfahrens

Title (fr)

Procédé destiné à la modernisation du système de porte de cabine d'un ascenseur et lot de modernisation destiné à la réalisation du procédé

Publication

**EP 1820767 B2 20120411 (DE)**

Application

**EP 07102059 A 20070209**

Priority

- EP 06110242 A 20060221
- EP 07102059 A 20070209

Abstract (en)

[origin: EP1820766A1] The method involves dismantling a door actuator with a crank drive and drive linkages. A door drive (16) is installed with a linearly moving drive unit (16.4), which is coupled with a car door panel (5) of a car door system. An operating device (17) is installed for operating a car door coupler (8). The car door system comprises the door actuator with the crank drive and the car door panel, which switch the drive linkages. The car door coupler operated by the drive linkages. Independent claims are also included for the following: (1) a modernization component for modernization of an elevator door system of an elevator car (2) an elevator car with an elevator door system, which is modernized.

IPC 8 full level

**B66B 13/12** (2006.01)

CPC (source: EP US)

**B66B 13/12** (2013.01 - EP US); **B66B 19/007** (2013.01 - EP US)

Citation (opposition)

Opponent :

- US 4423799 A 19840103 - GLASER WALTER [US], et al
- JP 2001348177 A 20011218 - MITSUBISHI ELECTRIC CORP
- WO 0039017 A1 20000706 - OTIS ELEVATOR CO [US]
- WO 03029124 A1 20030410 - OTIS ELEVATOR CO [US], et al
- US 5878846 A 19990309 - O'DONNELL TIMOTHY P [US]
- JP H02270793 A 19901105 - MITSUBISHI ELECTRIC CORP
- US H1362 H 19941004 - HERRMANN WALTER J [US], et al

Cited by

DE202014102533U1; US10011463B2; US11772937B2; US11332346B2; US9637350B2

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)

**EP 1820766 A1 20070822**; AT E449742 T1 20091215; CN 101024467 A 20070829; CN 101024467 B 20100616; DE 502007002087 D1 20100107; EP 1820767 A1 20070822; EP 1820767 B1 20091125; EP 1820767 B2 20120411; ES 2337408 T3 20100423; ES 2337408 T5 20120807; HK 1110293 A1 20080711; US 2007227829 A1 20071004; US 7681695 B2 20100323

DOCDB simple family (application)

**EP 06110242 A 20060221**; AT 07102059 T 20070209; CN 200710005854 A 20070225; DE 502007002087 T 20070209; EP 07102059 A 20070209; ES 07102059 T 20070209; HK 08101103 A 20080129; US 67715707 A 20070221