

Title (en)
ELEVATOR

Title (de)
AUFZUG

Title (fr)
ASCENSEUR

Publication
EP 2165960 A4 20140312 (EN)

Application
EP 08702998 A 20080109

Priority
• JP 2008050127 W 20080109
• JP 2007063707 W 20070710

Abstract (en)
[origin: EP2165960A1] An elevator apparatus, which can gently stop a car when causing the car normally running to make an emergency stop, and can suddenly stop the car when causing the car running with a door open to make an emergency stop, is provided. For this purpose, when the car of an elevator which is normally running is caused to make an emergency stop, a braking device is caused to generate a braking force while a deceleration of the car is controlled. Meanwhile, when a predetermined running condition with a door open of the car is determined, the braking device is caused to generate a braking force so that a stopping distance of the car becomes shorter than that in the case of causing the car which is normally running to make an emergency stop.

IPC 8 full level
B66B 1/32 (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP KR)
B66B 1/32 (2013.01 - EP KR); **B66B 5/0031** (2013.01 - EP); **B66B 13/00** (2013.01 - KR)

Citation (search report)
• [XAY] JP S56117966 A 19810916 - MITSUBISHI ELECTRIC CORP
• [XAY] JP H04153174 A 19920526 - MITSUBISHI ELECTRIC CORP
• [Y] JP H04235887 A 19920824 - OTIS ELEVATOR CO
• [Y] JP S60148879 A 19850806 - HITACHI LTD
• See references of WO 2009008183A1

Cited by
EP2457860A3; EP2364947A4; EP2583928A4; EP4063307A1; US9776828B2; WO2011033165A1; WO2021037912A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08702998 A 20080109; CN 200880019025 A 20080109; JP 2007063707 W 20070710; JP 2008050127 W 20080109; KR 20097023210 A 20080109